RESEARCH SUMMARIES
OF
1989

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COMMANDING OFFICER
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AMERICAN JOURNAL OF PHYSIOLOGY 1983 JAN;
244(1): R15-R22
CASUALTY CARE
MR041. 01.06.001 REPORT NO. 1
BRAIN
OXYGEN
PYRENES
RATS

AD A131 165

author(s)
title
source
department
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This **SUMMARIES OF RESEARCH** is composed of citations to publications, an author index, and a subject index from the Naval Medical Research Institute for the Calendar Year 1989.
## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Key to Citation</th>
<th>Inside Front Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Documentation Page (1473)</td>
<td>i</td>
</tr>
<tr>
<td>Forward</td>
<td>iv</td>
</tr>
<tr>
<td>Citations</td>
<td>1</td>
</tr>
<tr>
<td>Author Index</td>
<td>31</td>
</tr>
<tr>
<td>Subject Index</td>
<td>81</td>
</tr>
</tbody>
</table>

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NIELSEN TB WOOD DK
BRADYKININ AND BRADYKININ ANTAGONISTS EFFECTS ON ENDOTHELIAL CELL PHOSPHOINOSITIDE METABOLISM: IMPLICATIONS FOR SEPTIC SHOCK.
CASUALTY CARE
MR04120.001.1002 (DN077684) REPORT NO.9
BRADYKININ PHOSPHOINOSITIDES ENDOTHELIUM
AD A205 379

NMRI 89-0002
HERMILLER JB DEUCIUC I MEHEGAN JP
SPITZER JA ROTH BL
ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA.
CASUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO.14
PROTEIN KINASE C ENDOTOXINS SEPTICEMIA RATS
AD A206 406

NMRI 89-0003
LEE CH JOHNSON AO BROWN R
WILKERSON L
IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.
CASUALTY CARE
MM33C30.001.1001 (DN246558) REPORT NO. 2
AGGLUTINATION ANTIBODIES, MONOCLONAL ENDOTOXINS IMMUNOASSAY SMC K, SEPTIC
AD A205 380

NMRI 89-0004
ROTH BL SUBA EA CARCILLO JA
LITTEN RZ
ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS.
CASUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO. 9
SHOCK, SEPTIC SIGNAL TRANSDUCTION RATS VASOCONSTRICTION
AD A206 408
CARCILLO JA HOUUGH CJ
ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS.
IN: MOLECULAR AND CELLULAR MECHANISMS OF SEPTIC SHOCK.
EDITED BY BRYAN L. ROTH ET AL. NEW YORK, LISS 1989.
PP. 71-6.
CASUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO.13
ENDOTOXINS
LIPOPOLYSACCHARIDES
ONCOGENES
PROTEIN KINASE C
RNA, MESSENGER
RATS
AD A205 381

MCKENNA TM TITIUS WA
ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR
MEDIATED VASCULAR CONTRACTION IN SEPSIS.
IN: MOLECULAR AND CELLULAR MECHANISMS OF SEPTIC SHOCK.
EDITED BY BRYAN L. ROTH ET AL. NEW YORK, LISS, 1989.
PP.279-303.
CASUALTY CARE
MR095.001.1005 (DN977556) REPORT NO.44
INTERLEUKIN 2
NOREPINEPHRINE
PHORBOLS
RATS
TUMOR NECROSIS FACTOR
VASOPRESSINS
VASCULAR RESISTANCE
AD A205 720

KUJAWA KI BERNING A ODEYALE C
YAFFE LJ
EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND
D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE
ENDOTOXIN.
IN: MOLECULAR AND CELLULAR MECHANISMS OF SEPTIC SHOCK.
EDITED BY BRYAN L. ROTH ET AL. NEW YORK, LISS, 1989.
PP.237-42.
CASUALTY CARE
MRC.120.005.1004 (DN247511) REPORT NO.10
CARRAGEENAN
GALACTOSAMINE
LIPOPOLYSACCHARIDES
MACROPHAGES
MICE
SEPTIC SHOCK
TUMOR NECROSIS FACTOR
AD A206 407

WILLIAMS T GARTNER S HOBAN L
NEVOLA J MCKENNA T MORRISON T
STATON A LEUDERS J RUESCH D
PURVIS D
POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS
IN SEPSIS AND SEPTIC SHOCK.
IN: MOLECULAR AND CELLULAR MECHANISMS OF SEPTIC SHOCK.
EDITED BY BRYAN L. ROTH ET AL. NEW YORK, LISS, 1989.
BACTERIAL ADHESION
ENDOTOXINS
INTERLEUKIN 1
MACROPHAGES
PILI, BACTERIAL RATS
AD A207 486

NMRI 89-0009
PARENT JB
CORE-SPECIFIC RECEPTORS FOR LIPOPOLYSACCHARIDE ON HEPATOCYTES.
IN: MOLECULAR AND CELLULAR MECHANISMS OF SEPTIC SHOCK.
EDITED BY BRYAN L. ROTH ET AL. NEW YORK, LISS, 1989.
PP.131-44.
CASUALTY CARE
MP01420.005.1004 (DN247511) REPORT NO.12
LIPOPOLYSACCHARIDES RATS
AD 207 487

NMRI 89-0010
EVANS DE CATRON PW MCDERMOTT JJ THOMAS LR KOBORNE AI FLYNN ET EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.
DIVING MEDICINE M0099.01C.1009 (DN477512) REPORT NO. 4 CATS CEREBRAL ISCHEMIA EMBOLISM, AIR LIDOCAINE AD A207 488

NMRI 89-0011

NMRI 89-0012
BRAIN
HIPPOCAMPUS
PROTEIN KINASE C
RABBITS
RATS
AD A205 925

NMRI 89-0013
PEPPER SJ    REED HL    CAREY RM
LEWIS SB
HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE
TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES.
NMRI REPORT. FEBRUARY 1989.
ENVIRONMENTAL MEDICINE
MR04101.06A.0001 (DN277005) REPORT NO. 5
ALDOSTERONE
CATECHOLAMINES
PROLACTIN
AD A207 013

NMRI 89-0014
LIBOFF AR   THOMAS JR    SCHROD J
INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED
BEHAVIORAL CHANGES IN RATS.
BIOELECTROMAGNETICS 1989; 10(1):111-3
ENVIRONMENTAL MEDICINE
MF58.524.02C.0007 (DN077674) REPORT NO. 2
BEHAVIOR, ANIMAL
ELECTROMAGNETIC-FIELDS
ELECTROMAGNETICS
RATS
AD A206 152

NMRI 89-0015
WEISS E    WILLIAMS JC    DASCH GA
KANG YH
ENERGY METABOLISM OF MONOCYTIC EHRLICHA.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES 1989
MARCH;86(5):1674-8
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 2
EHRLICHA
ENERGY-METABOLISM
RICKETTSIA
RICKETTSSIACEAE
AD A209 948

NMRI 89-0016
THOMPSON CB    LINDSTEN T    LEDBETTER JA
KUNKEL SL    YOUNG HA    EMERSON SG
LEIDEN JM    JUNE CH
CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF
MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES 1989 FEB;
86(4):1333-7
IMMUNOBIOLOGY AND TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 2
ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE
BIOLOGICAL FACTORS
GENE EXPRESSION REGULATION
LYMPHOKINES
T-LYMPHOCYTES
AD A206 466
HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.

JOURNAL OF IMMUNOLOGY 1989 FEB 15; 142(4):1299-303

INFECTION DISEASES

REPORT NO. 3

ANIMALS

ANTIGENIC DETERMINANTS

ANTIGENS, PROTOZOAN

LYMPHOCYTE TRANSFORMATION

MALARIA

PLASMODIUM FALCIPARUM

T-LYMPHOCYTES

AD A208 332

EVALUATION OF PERFORMANCE PARAMETERS OF A MEMBRANE-BASED DOT IMMUNOASSAY FOR MENINGOCOCCAL POLYSACCHARIDE.

JOURNAL OF CLINICAL MICROBIOLOGY 1989 JAN;27(1):74-7

INFECTION DISEASES

REPORT NO. 4

IMMUNOENZYME-TECHNICS

NEISSERIA-MENINGITIDIS

POLYSACCHARIDES, BACTERIAL

AD A208 333

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY.

SCIENCE 1989 APR 21;244(4902):339-43

IMMUNOBIOLOGY AND TRANSPLANTATION

REPORT NO. 61

LYMPHOCYTE TRANSFORMATION

LYMPHOKINES

RNA, MESSENGER

T-LYMPHOCYTES

AD A208 147

MUSSEL GLUE PROTEIN HAS AN OPEN CONFORMATION.

ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS 1989 MARCH; 269(2):415-22

CASUALTY CARE

REPORT NO. 10

ANIMAL PROTEINS

AD A208 148

MITOGFN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS OF REGULATION IN THE INITIAL STAGES OF T-CELL ACTIVATION.

MOLECULAR AND CELLULAR BIOLOGY 1989 MAR;9(3):1034-40

IMMUNOBIOLOGY AND TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 3
GENES, IMMUNE RESPONSE
LYMPHOCYTE TRANSFORMATION
T-LYMPHOCYTES
AD A208 983

MRRI 89-0022
MILLAR DB
AN INEXPENSIVE STORAGE BOX FOR 0.5 AND 1.5 ML
MICROCENTRIFUGE/TEST TUBES.
BIOTECHNIQUES 1989; 7(1):32
IMMUNOBIOLOGY AND TRANSPLANTATION
MM33C30.06.1003 (DN377031) REPORT NO. 10
CENTRIFUGATION
AD A210 066

MRRI 89-0023
HOFFMAN SL
BERZOFSKY JA
ISENBARGER D
ZELTSER E
MAJARIAN WR
GROSS M
BALLOU WR
IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES.
JOURNAL OF IMMUNOLOGY 1989 MAY 15;142(10):3581-4
INFECTIOUS DISEASES
3M162770A870.AN121 (DA317827) REPORT NO. 4
ANTIGENS, SURFACE GENES, IMMUNE RESPONSE
MALARIA NICE
PLASMODIUM BERGHEI VACCINES, SYNTHETIC
AD A210 035

MRRI 89-0024
SPIELBERG H
JUNE C
CEREB N
NYSTROM-ROSANDER C
DEEG HJ
DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT.
TRANSPLANTATION PROCEEDINGS 1989 FEB;21(1):180-1
IMMUNOBIOLOGY AND TRANSPLANTATION N.A.
LEUKOCYTES
LYMPHOCYTE TRANSFORMATION
LYMPHOCYTES
ULTRAVIOLET RAYS
AD A209 663

MRRI 89-0025
TAKASHI T
STEINBERG AD
JUNE CH
CAUSE WC
RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION.
JOURNAL OF IMMUNOLOGY 1989 APRIL 15;142(8):2641-6
IMMUNOBIOLOGY AND TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 4
ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE FETUS
LYMPHOCYTE TRANSFORMATION
MICE
T-LYMPHOCYTES
AD A209 814
THE DR3(W18), DQW4 HAPLOTYPc DIFFERS FROM DR3(W17), DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.
HUMAN IMMUNOLOGY 1989 MAY;25(1):37-50
IMMUNOBIOLOGY AND TRANSPLANTATION
MO95.003.1007 (DN677130) REPORT NO. 63
HLA-DR ANTIGENS
MAJOR HISTOCOMPATIBILITY COMPLEX
AD A209 815

HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI.
INFECTION AND IMMUNITY 1989 APRIL;57(4):1276-80
INFECTION DISEASES
3M63750D808.A5131 (DA301602) REPORT NO. 1
ANTIGENS, BACTERIAL
ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE
BACTERIAL OUTER MEMBRANE PROTEINS
RICKETTSIA TYPHI
T-LYMPHOCYTES
AD A209 816

CONFOCAL SCANNING FLUORESCENCE MICROSCOPY: A NEW METHOD FOR PHAGOCYTOSIS RESEARCH.
JOURNAL OF LEUKOCYTE BIOLOGY 1989 APR;45(4):277-82
CASCUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO. 18
MACROPHAGES
MICROSCOPY, FLUORESCENCE
PHAGOCYTOSIS
AD A210 135

'RPOE-PHYRIA,' MADNESS, AND THE FALL OF THE HOUSE OF USHER.
JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 1989 FEB 10;
261(6):863-4
INFECTIOUS DISEASES
N.A.
LITERATURE, MODERN
MEDICINE IN LITERATURE
MENTAL DISORDERS
PORPHYRIA
AD A210 037

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.
JOURNAL OF CLINICAL MICROBIOLOGY 1989 MAY;27(5):1112-4
INFECTIOUS DISEASES
3M26373D807.AH130 (DA301600) REPORT NO. 9
DNA PROBES
DNA, BACTERIAL SALMONELLA TYPHI SEPTICEMIA TYPHOID AD A210 039

NMRI 89-0031 ROBBINS DL KENNY TP LARRICK JW
WISTAR R JR
PRODUCTION OF HUMAN MONOCLOGAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS. MEDICAL SCIENCE RESEARCH 1989;17:157-9 INFECTIOUS DISEASES N.A. ARTHRITIS, RHEUMATOID HYBRIDOMAS IGG AD A210 038

NMRI 89-0032 WORTMAN A ROGERS P CHAROENVIT Y
MCDERMOTT A LEEF M SEDEGAH M
BEAUDOIN RL
CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS. MICROBIAL PATHOGENESIS 1989 MAR;6(3):227-31 INFECTIOUS DISEASES M162770A870.AM121 (DA317827) REPORT NO. 5 ANIMAL ANTIGENS, PROTOZOAN PLASMODIUM YOELII AD A210 040

NMRI 89-0033 MCKENNA TM LUEDERS JE TITIUS WA
MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER. CIRCULATORY SHOCK 1989 JUN; 28(2):131-47 CASUALTY CARE M0095.001.1005 (DN977556) REPORT NO. 47 INTERLEUKIN 1 MONOCYTES MUSCLE CONTRACTION MUSCLE, SMOOTH, VASCULAR NOREPINEPHRINE PHOSPHOINOSITIDES RATS AD A210 036

NMRI 89-0034 PARSONS YJ WEATHERSBY PK SURVANSHI SS
FLYNN ET
STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING. NMRI REPORT. FEBRUARY 1989. 58 PP. DIVING MEDICINE M0099.01A.1002 (DN177792) REPORT NO. 16 DECOMPRESSION SICKNESS GASES, RARE MODELS, STATISTICAL RISK AD A214 934
DOUBT TJ  WEINBERG RP  HESSLINK RL

AHLERS ST

EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL
BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE.
NMRI REPORT. MARCH 1989. 45 PP.

DIVING MEDICINE
M0099.01A.1003 (DN377011) REPORT NO. 7
M0099.018.1004 (DN377012) REPORT NO. 3

BODY TEMPERATURE
COGNITION
DIVING
EXERCISE
STRESS
AD A212 704

KUTZMAN RS  CONOLLY RB

1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT.
NMRI REPORT. JULY 1989. 268 PP.

TOXICOLOGY DETACHMENT
M0096.004.0006 (DN377025) REPORT NO. 34
AEROSOLS
FLUORIDES
NEUROTOXINS
XENOBIOTICS
AD A215 176

WEISBURG WG  DOBSON ME  SAMUEL JE
DASCH GA  MALLAVIA LP  BACA O
MANDELCO L  SECHREST JE  WEISS E
WOESE CR

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE.
JOURNAL OF BACTERIOLOGY 1989 AUG;171(8):4202-6

INFECTIOUS DISEASES
3M162770A870.AN121 (DA317827) REPORT NO. 7
PHYLOGENY
RICKETTSIAE
RNA, RIBOSOMAL, 16S
AD A211 536

SIPPEL J  BUKHTIARI N  Awan MB
KRIEG R  DUNCAN JF  KARAMAT KA
MALIK IA  IGBAL LM  LEGTERS L

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED
IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA
FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN
ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.
JOURNAL OF CLINICAL MICROBIOLOGY 1989 JUNE;27(6) :1298-302

INFECTIOUS DISEASES
3M26373DS07.RR13O (DA301600) REPORT NO. 10
ANTIBODIES, BACTERIAL
ENZYME LINKED IMMUNOSORBENT ASSAY
LIPOPOLYSACCHARIDES
SALMONELLA TYPHI
TYPHOID
AD A212 738

HOMER LD  WEATHERSBY PK  SURVANSHI S

EGRESS OF INERT GAS FROM TISSUE.
IN: THE PHYSIOLOGICAL BASIS OF DECOMPRESSION. PROCEEDINGS
OF THE THIRTY-EIGHTH UNDERSEA AND HYPERBARIC MEDICAL

PP.13-35
ENVIRONMENTAL MEDICINE
MR04101.01.1006 (DW377024) REPORT NO. 1
DECOMPRESSION SICKNESS
GASES, RARE
MONTE CARLO METHOD
AD A212 436

NMRI 89-0040
RICKMAN LS LONG GW OBERST R
CABANBAN A SANGALANG R SMITH JI
CHULAY JD HOFFMAN SL
RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING
OF CENTRIFUGED PARASITES.
LANCET 1989 JAN 14;1(8629):68-71
INFECTIOUS DISEASES
3M473750D808.AQ133 (DA301569) REPORT NO.14
ACRIDINE ORANGE
ANIMAL
MALARIA
PARASITOLOGY
PLASMODIUM FALCIPARUM
AD A212 458

NMRI 89-0041
LOGAN SM TRUST TJ GUERRY P
EVIDENCE FOR POSTTRANSLATIONAL MODIFICATION AND GENE
DUPlication OF CAMPYLOBACTER FLAGELLIN.
JOURNAL OF BACTERIOLOGY 1989 JUN;171(6):3031-8
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 4
BACTERIAL PROTEINS
CAMPYLOBACTER
FLAGELLIN
AD A212 460

NMRI 89-0042
JUNE CH LEDBETTER JA LINDSTEN T
THOMPSON CB
EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN
THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN
T LYMPHOCYTES.
JOURNAL OF IMMUNOLOGY 1989 JUL 1;143(1):153-61
IMMUNOBIOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO.64
GENE EXPRESSION REGULATION
INTERLEUKIN 2
IONOPHORES
SIGNAL TRANSDUCTION
T-LYMPHOCYTES
AD A212 465

NMRI 89-0043
HOFFMAN SL ISENBARGER D LONG GW
SEDEGAH M SZARFMAN A WATERS L
HOLLINGDALE MR VAN DER MEIDE PH FINBLOOM DS
BALLOU WR
SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL
ELIMINATION OF MALARIA FROM HEPATOCYTES.
SCIENCE 1989 JUN 2;244(4908):1078-81
INFECTIOUS DISEASES
3M162770A870.AN121 (DA317827) REPORT NO. 8
IMMUNIZATION
LIVER
MALARIA
PLASMODIUM BERGHEI
SUPPRESSOR CELLS
AD A212 641

NMRI 89-0044
SCHROT J THOMAS JR
HUMAN REPEATED ACQUISITION AND PERFORMANCE DURING
DIPHENHYDRAMINE AND COLD AIR EXPOSURE.
NMRI REPORT. APRIL 1989. 9 PP.
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 4
3M463764B995.AB081.1 (DA303502) REPORT NO. 6
COLD
HISTAMINE H1 RECEPTOR BLOCKADERS
AD A212 434

NMRI 89-0045
REED HL KOWALSKI KR D'ALESSANDRO MM
ROBERTSON R LEWIS SB
PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN
TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12
NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR
IN COLD.
INTERIM REPORT. MARCH 1989. 10 PP.
ENVIRONMENTAL MEDICINE
MM33C30.04.1002 (DN247509) REPORT NO. 1
EPINEPHRINE
HYPERTENSION
norepinephrine
AD A212 435

NMRI 89-0046
HESSELLINK RL OLSEN RG ALLEN LD
HOMER LD LEWIS SB HARMON V
RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING
FROM MILD HYPOTERMIA.
INTERIM REPORT. MAY 1989. 11 PP.
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 5
BODY TEMPERATURE REGULATION
ELECTROMAGNETICS
EPINEPHRINE
HYPERTERMIA
norepinephrine
AD A212 703

NMRI 89-0047
KINKEAD ER HENRY SS KIMMEL EC
FLEMMING CD CULPEPPER BT DOARN CR
WALL RG KUTZMAN RS GRABAU JH
PORVAZNIK M
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE
HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND
DERMAL EXPOSURE.
NMRI REPORT. JULY 1989. 34 PP.
TOXICOLOGY DETACHMENT
M0096.004.0006 (DN377025) REPORT NO.35
ADMINISTRATION INHALATION
Hazardous Substances
RABBITS
RATS
SKIN ABSORPTION

NMRI 89-0048 SIMPKINS CO MAZOROW DL ALAILINA ST TATE EA JOHNSON M SHARIF K SWEAT W MILLAR DB PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL. NMRI REPORT. 1989. 14 PP. CASUALTY CARE M0095.001.1005 (DN977556) REPORT NO.48 DINOPROST PROSTAGLANDIN D2 AD A216 240

NMRI 89-0049 SANDERS ME MAKGoba MW JUNE CH YOUNG HA SHAW S ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. EUROPEAN JOURNAL OF IMMUNOLOGY 1989; 19(5):803-8 IMMUNOBIOLOGY AND TRANSPLANTATION MR04120.001.1011 (DN248525) REPORT NO. 5 ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE IMMUNOLOGIC MEMORY LYMPHOCYTE TRANSFORMATION RECEPTORS, ANTIGEN, T-CELL RECEPTORS, IMMUNOLOGIC T-LYMPHOCYTES AD A212 462

NMRI 89-0050 THYPHRONITIS G TSOKOS GC JUNE CH LEVINE AD FINKELMAN FD IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA. PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 1989 JULY;86(14):5580-4 IMMUNOBIOLOGY AND TRANSPLANTATION MT33C30.005.1051 (DN249507) REPORT NO. 3 B-LYMPHOCYTES CELL TRANSFORMATION, VIRAL EPSTEIN BARR VIRUS IGE INTERFERON TYPE II INTERLEUKINS AD A212 464

NMRI 89-0051 ROTH BL IADAROLA MJ MEHEGAN JP JACOBOWITZ DM IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE. BRAIN RESEARCH BULLETIN 1989 MAY;22(5):893-7 CASUALTY CARE MR04120.005.1004 (DN247511) REPORT NO.19 HIPPOCAMPUS IMMUNE-SERA PEPTIDE FRAGMENTS PROTEIN KINASE C
NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS.
CIRCULATORY SHOCK 1989 JUL;28(3):257-65

WATSON LP KANG YH FALK MC
CYTOCHEMICAL PROPERTIES OF OSTEOBLAST CELL MEMBRANE DOMAINS.
JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY 1989 AUG;37(8):1235-46

DOBSON ME AZAD AF DASCH GA WEBB L OLSON JG
DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY.
AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989 MAY;40(5):521-8

HARGIS JB LA RUSSA VF REDMOND J KESSLER SW WRIGHT DG
AGranulocytosis associated with "mexican aspirin" (dipyrone): evidence for an autoimmune mechanism affecting multipotential hematopoietic progenitors.

BRUNSWICK M JUNE CH FINKELMAN PD MOND JJ
DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.

JOURNAL OF IMMUNOLOGY 1989 SEPT 1;143(5):1414-21
IMMUNOBIOLOGY AND TRANSPLANTATION
MO095.003.1007 (DN677130) REPORT NO.66

ANTIBODIES, ANTI IDIOTYPIC
B-LYMPHOCYTES
CROSS-LINKING REAGENTS
DEXTRANS
IGD
IMMUNOGLOBULINS, SURFACE
MICE
AD A213 215

NMRI 89-0057

WINGARD JR PIA NTADOSI S VOGELSANG GB
FARMER ER JABS DA LEVIN LS
BESCHORNER WE CAHILL RA MILLER DF
HARRISON D SARAL R SANTOS GW

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.
BLOOD 1989 SEPT;74(4):1428-35
IMMUNOBIOLOGY AND TRANSPLANTATION
N.A.
BONE MARROW
GRAFT-VS-HOST DISEASE
AD A213 034

NMRI 89-0058

PROCEEDINGS OF THE 17TH CONFERENCE ON TOXICOLOGY --
3-5 NOVEMBER 1987.
NMRI REPORT. SEPTEMBER 1989.
TOXICOLOGY DETACHMENT
MO096.004.006 (DN377025) REPORT NO.36
ACETONES
CHOLINESTERASE INHIBITORS
MODELS, BIOLOGICAL
NEOPLASMS
AD A215 076

NMRI 89-0059

MITTLEMAN KD DOUBT TJ GRAVITZ M
USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE DURING COLD WATER IMMERSION.
NMRI REPORT. JULY 1989.
DIVING MEDICINE
MO099.01A.1003 (DN377011) REPORT NO. 5
BODY TEMPERATURE
EXERCISE
HYPNOSIS
AD A216 156

NMRI 89-0060

JOHNSON AH FANG-TANG T ROSEN-BRONSON S
ROBBINS FM STEINER N HARTZMAN RJ
GREGERSEN PK SILVER J ZIFF B
HURLEY CK SCHMIDT HETEROGENEITY IN AMERICAN BLACKS.
IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
SPRINGER-VERLAG, 1989. PP. 202-3
IMMUNOBIOLOGY AND TRANSPLANTATION

14
M0095.003.1007 (DN677130) REPORT NO. 71
HISTOCOMPATIBILITY ANTIGENS CLASS II
HLA-DR3 ANTIGEN
AD A214 365

NMRI 89-0061
HURLEY CK STEINER N GREGERSEN P
SILVER J HARTZMAN R NEPOM G
JOHNSON AH
EVOLUTION OF DQW2-RELATED HAPLOTYPES.
IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND
HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
SPRINGER-VERLAG, 1989. PP. 283-5
IMMUNOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO. 67
EVOLUTION
HISTOCOMPATIBILITY ANTIGENS CLASS II
HLA-DQ ANTIGENS
AD A214 366

NMRI 89-0062
LEE KW JOHNSON AH TANG T
STEINER N ROBBINS FM HARTZMAN R
HURLEY CK
DRW6 POLYMORPHISM IN AMERICAN BLACKS.
IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND
HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
SPRINGER-VERLAG, 1989. PP. 217-8
IMMUNOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO. 68
HISTOCOMPATIBILITY ANTIGENS CLASS II
HLA-D ANTIGENS
HLA-DR6 ANTIGEN
AD A214 360

NMRI 99-0063
ZIFF BL HURLEY CK ROSEN-BRONSON S
TANG T HARTZMAN R SILVER J
GREGERSEN P ECKELS D JOHNSON AH
POLYMORPHISM OF THE DJ1 HAPLOTYPE: STRUCTURAL AND
FUNCTIONAL ANALYSIS.
IN: IMMUNOBIOLOGY OF HLA. VOL.II: IMMUNOGENETICS AND
HISTOCOMPATIBILITY. EDITED BY BO DUPONT. NEW YORK:
SPRINGER-VERLAG, 1989. PP. 187-9
IMMUNOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO. 69
HAPLOTYPES
HISTOCOMPATIBILITY ANTIGENS CLASS II
HLA ANTIGENS
HLA-DR6 ANTIGENS
AD A214 361

NMRI 89-0064
MICKELSON E REINSMOEN N ROBBINS FM
HARTZMAN R ODUM N SVEJGAARD A
FARRELL C HONEYMAN M FLOMENBERG N
SELL T ECKELS D
HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF
B-LYMPHOBLASTOID CELL LINES.
IN: IMMUNOBIOLOGY OF HLA. VOL.I: HISTOCOMPATIBILITY TESTING.
EDITED BY BO DUPONT. NEW YORK, SPRINGER VERLAG, 1989.
PP. 38-42
IMMUNOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO. 70
HISTOCOMPATIBILITY ANTIGENS CLASS II
HLA-D ANTIGENS
HLA-DP ANTIGENS
AD A214 362

NMRI 89-0065 JUNE CH LINETTE GP FLETCHER MC
HARTZMAN RJ
ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALLING:
effects of HIV-1 infection on human T cell activation.
IN: CHEMICAL PROPULSION INFORMATION AGENCY PUBLICATION 517,
VOL 1. LAUREL MD: THE JOHNS HOPKINS UNIVERSITY, APPLIED
PHYSICS LABORATORY, JUNE 1989. PP.165-76
IMMUNOBIOLOGY AND TRANSPLANTATION
MR0001.001.1373 (DN248533) REPORT NO. 2
HIV-1
T-LYMPHOCYTES
T4-LYMPHOCYTES
AD A214 239

NMRI 89-0066 GILMAN SC COLTON JS DUTKA AJ
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY
CEREBROCORTICAL SYNAPTOSOMES.
UNDERSEA BIOMEDICAL RESEARCH 1989 MAY;16(3):253-8
DIVING MEDICINE
MR04101.01.1005 (DN277001) REPORT NO.20
ATMOSPHERIC PRESSURE
CEREBRAL CORTEX
GABA
GUINEA PIGS
AD A214 336

NMRI 99-0067 GARTNER SL WILLIAMS TJ
EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED
BY INTERLEUKIN-1.
IN: CHEMICAL PROPULSION INFORMATION AGENCY PUBLICATION 517,
VOL 1. LAUREL MD: THE JOHNS HOPKINS UNIVERSITY, APPLIED
PHYSICS LABORATORY, JUNE 1989. PP. 299-305
CASUALTY CARE
MR04120.005.1004 (DN247511) REPORT NO.22
INTERLEUKIN 1
MANNOSE
THYMUS GLAND
AD A214 528

NMRI 89-0068 COLLINS WE NUSSENBWEIG RS BALLOU WR
RUEBUSH TK II NARDIN EH CHULAY JD
MAJARIAN WR YOUNG JF WASSERMAN GF
BATHURST I GIBSON HL BARR PJ
HOFFMAN SL WASSERMAN SS BRODERSON JR
SKINNER JC PROCELL PM FILIPSKI VK
WILSON CL
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH
RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE
PROTEIN OF PLASMODIUM VIVAX.
AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989 MAY;
40(5):455-64
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 5
ANTIGENS, PROTOZOAN
ANTIGENS, SURFACE
MALARIA
PLASMODIUM VIVAX
VACCINES, SYNTHETIC
AD A214 375

NMRI 89-0069 DUTKA AJ KOCHEMK PM HALLENBECK JM
INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA
INDUCED BY AIR EMBOLISM.
STROKE 1989 MAR;20(3):390-5
DIVING MEDICINE
NR04010.01.1005 (DN277001) REPORT NO.21
AGRANULOCYTOSIS
CEREBRAL EMBOLISM AND THROMBOSIS
CEREBRAL ISCHEMIA
DOGS
EMBOLISM, AIR
AD A214 370

NMRI 89-0070 FRANCIS TJ DUTKA AJ
METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD
DECOMPRESSION SICKNESS.
UNDERSEA BIOMEDICAL RESEARCH 1989 MAR;16(2):165-74
DIVING MEDICINE
MO099.01C.1007 (DN977438) REPORT NO.14
DECOMPRESSION SICKNESS
METHYL PREDNISOLONE
SPINAL CORD DISEASES
AD A214 525

NMRI 89-0071 THALMANN ED
TESTING OF REVISED UNLIMITED-DURATION UPWARD EXCURSIONS
DURING HELIUM-OXYGEN SATURATION DIVES.
UNDERSEA BIOMEDICAL RESEARCH 1989 MAY;16(3):195-218
DIVING MEDICINE
N.A.
ATMOSPHERIC PRESSURE
DIVING
AD A214 527

NMRI 89-0072 CAMPBELL JR
DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM
MALARIA CANIDATE VACCINE ANTIGEN.
NUCLEIC ACIDS RESEARCH 1989 JUL 25;17(14):5854
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
ANIMAL
ANTIGENS, PROTOZOAN
GENES, STRUCTURAL
PLASMODIUM FALCIPARUM
VACCINES
AD A214 371

NMRI 89-0073 LOGAN SM GUERRY P ROLLINS DM BURR DM TRUST TJ
IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
INFECTION AND IMMUNITY 1989 AUG;57(8):2583-5
ANTIGENIC VARIATION
ANTIGENS, BACTERIAL
BACTERIAL PROTEINS
CAMPYLOBACTER
FLAGELLIN
RABBITS
AD A214 526

GALLOWAY DR  HEDSTROM RC  MCGOWAN JL
KESSLER SP  WOZNIAK DJ
BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A.
JOURNAL OF BIOLOGICAL CHEMISTRY 1989 SEPT 5;264(25): 14869-73
INFECTIOUS DISEASES
3M463750D808.A3062 (DA301567) REPORT NO.21
ANIMAL
BACTERIAL VACCINES
EXOTOXINS
POLY ADP RIBOSE POLYMERASE
PSEUDOMONAS AERUGINOSA
TRANQUILIZING AGENTS, MINOR
AD A214 373

HYAMS KC  ESCAMILLA J  PAPADIMOS TJ
GONZALEZ PG  LOZADA R  MACARENO E
BONILLA W  MARTINEZ PD
HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER)
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES 1989;21:353-4
INFECTIOUS DISEASES
3M162770A870.AR122 (DA301566) REPORT NO. 6
ACQUIRED IMMUNODEFICIENCY SYNDROME
PROSTITUTION
SUBSTANCE ABUSE
AD A214 376

HYAMS KC  PALINKAS LA  BURR RG
AMERICAN JOURNAL OF EPIDEMIOLOGY 1989 AUG;130(2):319-26
INFECTIOUS DISEASES
3M162770A870.AR122 (DA301566) REPORT NO. 7
HEPATITIS, VIRAL, HUMAN
MILITARY PERSONNEL
AD A214 364

LONG GW  LEATH S  SCHUMAN R
HOLLINGSDALE MR  BALLOU WR  SIM BK
HOFFMAN SL
CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES.
IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY 1989 SEPT; 25(9):857-62
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 6
LIVER
MICE
PLASMODIUM BERGHEI
AD A214 374

NUDELMAN S  RENIA L  CHAROENVIT Y
DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO.
JOURNAL OF IMMUNOLOGY 1989 AUG 1;143(3):996-1000
INFECTIOUS DISEASES
3M1611021813.AK111 (DA313955) REPORT NO. 7
ANTIBODIES, PROTOZOAN
LIVER
PLASMODIUM YOELII
RATS
AD A214 372

LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS
OF MEDITERRANEAN SPOTTED FEVER.
JOURNAL OF CLINICAL MICROBIOLOGY 1989 SEPT; 27(9): 2073-9
INFECTIOUS DISEASES
3M162770A870.AQ120 (DA313964) REPORT NO. 4
ANTIBODIES, BACTERIAL
BOUTONNEUSE FEVER
RICKETTSIA
AD A214 363

HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS.
IN: BLOOD DISEASES OF INFANCY AND CHILDHOOD: IN THE
TRADITION OF C.H. SMITH. EDITED BY DENIS R. MILLER.
ST. LOUIS: C.V. MOSBY, 1989. PP. 261-93
IMMUNOLOGY AND TRANSPLANTATION
M.A.
ERYTHROCYTES
HEMATOLOGIC DISEASES
HEMOLYSIS
MEMBRANES
AD A214 529

PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES.
IN: AUTOLOGOUS BONE MARROW TRANSPLANTATION: PROCEEDINGS
OF THE FOURTH INTERNATIONAL SYMPOSIUM. EDITED BY KA DICKER
ET AL. HOUSTON, UNIVERSITY OF TEXAS, MD ANDERSON CANCER
CENTER, 1989. PP. 645-50
IMMUNOLOGY AND TRANSPLANTATION
MO095.003.1007 (DN677130) REPORT NO. 72
BONE MARROW
DRUG THERAPY, COMBINATION
GROWTH SUBSTANCES
INTERLEUKIN 1
PRIMATES
TRANSPLANTATION
AD A214 835

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE
ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR
IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL
ACTIVATION.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES 1989 SEPT;
86(17):6724-8

IMMUNOBIOLOGY AND TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 6

B-LYMPHOCYTES
CALCIUM
IMMUNOGLOBULINS, SURFACE
LYMPHOCYTE TRANSFORMATION
MICE
MODELS, BIOLOGICAL
T-LYMPHOCYTES
AD A214 836

NMRI 89-0083
BARRETT JE ZHANG L AHLERS ST
WOJNICKI FH
ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING
FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND
NEUROCHEMISTRY OF PIGEONS.
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
1989 SEP;250(3):786-94
ENVIRONMENTAL MEDICINE
N.A.
BEHAVIOR, ANIMAL
CORTICOTROPIN RELEASING HORMONE
PIGEONS
AD A214 834

NMRI 89-0084
GLEESON S AHLERS ST MANSBACH RS
FOUST JM BARRETT JE
BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS, VI. EFFECTS ON
PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN
RECEPTOR SUBTYPES.
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
1989 SEP;250(3):809-17
ENVIRONMENTAL MEDICINE
N.A.
BEHAVIOR, ANIMAL
PIGEONS
RECEPTORS, SEROTONIN
SEROTONIN ANTAGONISTS
AD A214 937

NMRI 89-0085
SPITZER JA RODRIGUEZ EB DEACIUC IV
ROTH BL HERMILLER JB MEHEGAN JP
RECEPTOR CHANGES IN ENDOOTOXEMIA.
PROGRESS IN CLINICAL AND BIOLOGICAL RESEARCH 1989; 299:
95-106
CASUALTY CARE
M0095.001.1005 (DN977556) REPORT NO.49
Dogs
RECEPTORS, ENDOGENOUS SUBSTANCES
SHOCK, SEPTIC
AD A214 838

NMRI 89-0086
JUNE CH JACKSON KM LEDBETTER JA
LEIDEN JM LINDSTEN T THOMPSON CB
TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION
IN HUMAN T LYMPHOCYTES.
JOURNAL OF AUTOIMMUNITY 1989 JUNE; 2 SUPPL:55-65
IMMUNOBIOLOGY & TRANSPLANTATION
MR04120.001.1011 (DN248525) REPORT NO. 7
INTERLEUKIN 2
T-LYMPHOCYTES
AD A215 784

NMRI 89-0087
REED HL PEPPER S ARMSTRONG D
VON TERSCH FJ LEWIS SB
OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES
WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES
CENTIGRADE.
AVIATION, SPACE, AND ENVIRONMENTAL MEDICINE 1989 NOV;
60(11):1060-71
ENVIRONMENTAL MEDICINE
MM33C30.04.1002 (DN247509) REPORT NO. 2
COLD FINGERS
HEAT
OXYGEN CONSUMPTION
SKIN TEMPERATURE
AD A215 785

NMRI 89-0088
HESSLINK RL JR PEPPER S OLSEN RG
LEWIS SB HOMER LD
RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM
MILD HYPOTHERMIA.
JOURNAL OF APPLIED PHYSIOLOGY 1989 SEP;67(3):1208-12
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 7
HEAT
HYPOTHERMIA
RADIO WAVES
AD A215 960

NMRI 89-0089
JOYE DD CLARKE JR CARLSON WA
FLYNN ET
FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES
OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS.
NMRI REPORT. NOVEMBER 1989. 69 PP.
DIVING MEDICINE
M0099.01B.1005 (DN477506) REPORT NO. 4
LUNG
RESPIRATION
AD A216 205

NMRI 89-0090
JIN H CHEN YF YANG RH
MCKENNA TM JACKSON RN OPARIL S
VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC
RATS BY RELEASING ATRIAL Natriuretic Peptide.
AMERICAN JOURNAL OF THE MEDICAL SCIENCES 1989 OCT;298(4)
:227-36
CASUALTY CARE
MM33C30.01.1001 (DN246558) REPORT NO. 4
ARGIPRESSIN
NATRIURETIC PEPTIDES, ATRIAL
PULMONARY WEDGE PRESSURE
RATS
AD A215 939

NMRI 89-0091
THOMAS JR AHLERS ST HOUSE JF
SCHROT J
REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-
SAMPLE PERFORMANCE.
AVIATION, SPACE, AND ENVIRONMENTAL MEDICINE 1989 NOV;
60(11):1063-7
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 8
COLD
PSYCHOMOTOR PERFORMANCE
REACTION TIME
AD A216 165

NMRI 89-0092
HOFFMAN SL BEAUDOIN RL HUNT RE
WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE
DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS,
APRIL 12-15, 1989, BETHESDA, MARYLAND.
NMRI REPORT. DECEMBER 1989. 65 PP.
INFECTIOUS DISEASES
3M161102BS13.AK111 (DA313955) REPORT NO. 8
ERYTHROCYTES
MALARIA
PLASMODIUM BERGHEI
PLASMODIUM FALCIPARUM
PLASMODIUM VIVAX
PLASMODIUM YOELII
AD A216 606

NMRI 89-0093
HESSLINK RL ARMSTRONG DW KOWALSKI K
ALLEN LD REED HL
ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO
COLD EXPOSURE AFTER COLD AIR ACCLIMATION.
NMRI REPORT. DECEMBER 1989. 19 PP.
ENVIRONMENTAL MEDICINE
M0095.004.1008 (DN246556) REPORT NO. 9
ACCLIMATIZATION
BASAL METABOLISM
COLD CLIMATE
NOREPINEPHRINE
AD A216 817

NMRI 89-0094
DOUBT TJ THORP JW
DIETARY PLANS FOR CARBOHYDRATE LOADING.
NMRI REPORT. DECEMBER 1989. 58 PP.
DIVING MEDICINE
M0099.01A.1003 (DN377011) REPORT NO. 6
CARBOHYDRATES
DIETARY CARBOHYDRATES
NUTRITION
AD A216 816

NMRI 89-0095
FLYNN BM BROWN PA ECKSTEIN JM
STRONG D
TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN.
LABORATORY ANIMAL SCIENCE 1989 SEP;39(5):461-3
RESEARCH SUPPORT
N.A.
IVERMECTIN
MICE
OXYURIASIS
RODENT DISEASES
AD A216 926
NMRI 89-0096  GOOD MF  KUMAR S  WEISS WR
MILLER LH
T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE
PROTEIN.
BLOOD 1989 AUG 15;74(3):895-900
INFECTIONOUS DISEASES
N.A.
ANIMAL
ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE
ANTIGENS, PROTOZOA
ANTIGENS, SURFACE
PLASMODIUM FALCIPARUM
AD A216 927

NMRI 89-0097  GROVES MG  KELLY DJ
CHARACTERIZATION OF FACTORS DETERMINING RICKETTSIA
TSUTSUGAMUSHI PATHOGENICITY FOR MICE.
INFECTION AND IMMUNITY 1989 MAY;57(5):1476-82
INFECTIONOUS DISEASES
N.A.
MICE
RICKETTSIA TSUTSUGAMUSHI
SCRUB TYPHUS
AD A216 928

NMRI 89-0098  OAKS ET  RICE RM  KELLY DJ
STOVER CK
ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA
TSUTSUGAMUSHI ANTIGENS.
INFECTION AND IMMUNITY 1989 OCT;57(10):3116-22
INFECTIONOUS DISEASES
N.A.
ANTIGENS, BACTERIAL
BACTERIAL PROTEINS
GENES, BACTERIAL
RICKETTSIA TSUTSUGAMUSHI
AD A216 929

NMRI 89-0099  CARL M  DASCH GA
THE IMPORTANCE OF THE CRYSTALLINE SURFACE LAYER PROTEIN
ANTIGENS OF RICKETTSIAE IN T-CELL IMMUNITY.
JOURNAL OF AUTOIMMUNITY 1989 JUN; 2 SUPPL: 81-91
INFECTIONOUS DISEASES
3M1611028S13.AK111 (DA313955) REPORT NO. 9
ANTIGENS, BACTERIAL
RICKETTSIA
T-LYMPHOCYTES
AD A216 930

NMRI 89-0100  GUBA SC  STELLA G  TURKA LA
JUNE CH  THOMPSON CB  EMERSON SG
REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN
T CELLS.
JOURNAL OF CLINICAL INVESTIGATION 1989 DEC;84(6):1701-6
IMMUNOBIOLOGY AND TRANSPLANTATION
M0095.003.1007 (DN677130) REPORT NO.73
GENE EXPRESSION REGULATION
INTERLEUKIN 3
T-LYMPHOCYTES
AD A217 521
HYAMS KC
MOSQUITO TRANSMISSION OF HEPATITIS B. (REVIEW)
TROPICAL AND GEOGRAPHICAL MEDICINE 1989 JUL;41(3):185-9
INFECTIONOUS DISEASES
N.A.
HEPATITIS B
INSECT VECTORS
MOSQUITOES
AD A216 851

NATANSON C
DANNER RL
ROSSEINI JM
PEARL KW
MACVITTIE TJ
PEART KW
WALKER RI
PARRILLO JE
ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND
MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS
CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK.
JOURNAL OF CLINICAL INVESTIGATION 1989 JAN;83(1):243-51
INFECTIONOUS DISEASES
N.A.
CARDIOVASCULAR DISEASES
DOGS
ENDOTOXINS
SHOCK, SEPTIC
AD A216 783

MIKHAIL IA
HYAMS KC
HABERBERGER RL
BOGHDADI AM
WOODY JN
MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN
CHILDREN IN ASWAN, EGYPT.
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES 1989;21(1):
59-65
INFECTIONOUS DISEASES
N.A.
ANIMAL
DIARRHEA
AD A216 768

REED HL
CHERNOW B
ZALOGA GP
STOIKO MA
CRUESS D
LEE C
LAKE CR
BEARDSLY D
SMALLRIDGE RC
ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH
INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS
SURGERY.
CHEST 1989 MAR; 95(3): 616-22
ENVIRONMENTAL MEDICINE
N.A.
AORTOCORONARY BYPASS
HYPOTHERMIA, INDUCED
SYMPATHETIC NERVOUS SYSTEM
AD A216 849

OPRANDY JJ
PHD. RECOGNITION. (LETTER)
INFECTIONOUS DISEASES
N.A.
BIOLOGICAL SCIENCES
EDUCATION, MEDICAL
NMRI 89-0106

MESZOEY CA  ERBE EF  BEAUDOIN LM

FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZOITE DEVELOPMENT IN THE EARLY OOCYST.
INFECTIONOUS DISEASES  3M1611028513.AK111 (DA313955) REPORT NO.10
ANIMAL  PLASMODIUM FALCIPARUM
AD A216 919

NMRI 89-0107

CAMPBELL JR

A SENSITIVE AND SPECIFIC DNA PROBE FOR PLASMODIUM YOELII.
NMRI REPORT. 1989. 6 PP.
INFECTIONOUS DISEASES  3M162770A870.ANI21 (DA317e27) REPORT NO.9
DNA  MALARIA  PLASMODIUM YOELII  VACCINES
AD A219 411

NMRI 89-0108

LILLO RS  CALDWELL JM
PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR SCREENING DIVERS' BREATHING AIR.
NMRI REPORT. SEPTEMBER 1989. 11 PP.
DIVING MEDICINE  M0099.01A.1002 (DN177792) REPORT NO.17
AIR POLLUTANTS  ATMOSPHERE  DIVERS  HALOGEN
AD A219 402

NMRI 89-0109

HYAMS KC  AL-ARABI MA  AL-TAGANI AA
MESSITER JF  AL-GAALI AA  GEORGE JF
EPIDEMIOLOGY OF HEPATITIS B IN THE GEZIRA REGION OF SUDAN.
AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989 FEB; 40(2):200-6
INFECTIONOUS DISEASES  N.A.  HEPATITIS B
AD A219 768

NMRI 89-0110

GILMAN SC  COLTON JS  DUTKA AJ
ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE.
EXPERIMENTAL BRAIN RESEARCH 1999; 70(1):179-84
DIVING MEDICINE  M0099.01C.1010 (DN246544) REPORT NO. 2
ATMOSPHERIC PRESSURE  BIOGENIC MONOAMINES  BRAIN  SYNAPTOSOMES
AD A220 960

NMRI 89-0111

FRANCIS TJ  PEZESHKPOUR GH  DUTKA AJ
ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS.
UNDERSEA BIOMEDICAL RESEARCH 1989 NOV;16(6):439-51
DIVING MEDICINE
MO099.01C.1053 (DN249505) REPORT NO. 1
DECOMPRESSION SICKNESS
DOGS
EMBOLISM, AIR
SPINAL CORD DISEASES
AD A219 769

NMRI 89-0112
LILLO RS MACCALLUM ME
EFFECT OF INERT GAS SWITCHING AT DEPTH ON DECOMPRESSION OUTCOME IN RATS.
JOURNAL OF APPLIED PHYSIOLOGY 1989 OCT;67(4):1354-63
DIVING MEDICINE
MO099.01A.1002 (DN177792) REPORT NO.18
ARGON
DECOMPRESSION SICKNESS
HELIUM
RATS
AD A230 172

NMRI 89-0113
WEISS WR GOOD MF HOLLINGDALE MR
MILLER LH BERZOSKY JA
GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPORozoites.
JOURNAL OF IMMUNOLOGY 1989 DEC 15; 143(12):4263-6
INFECTIOUS DISEASES
3M473750D808.AQ133 (DA301569) REPORT NO.15
IMMUNITY, NATURAL MALARIA
MICE
PLASMODIUM YOELII
AD A219 021

NMRI 89-0114
GRUBER DF D'ALESANDRO MM WALDEN TL JR
IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFECTOR FUNCTION(S).
AGENTS AND ACTIONS 1989 NOV;28(3-4):256-63
ENVIRONMENTAL MEDICINE
N.A.
DOGS
LEUKOTRIENES B NEUTROPHILS
AD A219 024

NMRI 89-0115
TYREE B
THE PARTIAL DEGRADATION OF OSTEONECTIN BY A BONE-DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE 1 COLLAGEN.
CASUALTY CARE
MR0001.001.1366 (DN248527) REPORT NO.3
BONE AND BONES COLLAGEN METALLOPROTEINASES OSTEONECTIN RATS
AD A219 023
HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.
AIDS 1989 NOV;3(11):725-9
INFECTIOUS DISEASES
N.A.
ACQUIRED IMMUNODEFICIENCY SYNDROME
HEPATITIS B
HIV-1
AD A219 364

EFFECTS OF PHORBOL ESTERS ON ENDOTHELIAL CELL MICROFILAMENTS: LASER SCANNING CONFOCAL MICROSCOPY AND QUANTITATIVE MORPHOMETRY OF DOSE DEPENDENT CHANGES.
TISSUE & CELL 1989;21(6):813-23

UTILITY OF INTERLEUKIN-1 IN THERAPY OF RADIATION INJURY AS STUDIED IN SMALL AND LARGE ANIMAL MODELS.
BIOTherAPY 1989;1:301-11

THE LINE BailT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA.
JOURNAL OF IMMUNOLOGICAL METHODS 1989 DEC 20;125(1-2):57-65

PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.
ENZYMe 1989;42(4):197-208

PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.
NEUTROPHILS
PHOSPHOLIPASE C
AD A222 868

NMRI 89-0121
LEWIS SB
AHLERS ST
REED RL
HOMER LD

NMRI 89-0122
MADONNA GS
BROOK I
PATCHEN ML

NMRI 89-0123
MCCARTHY MC
EL-HAG AA
FARHRY JC

NMRI 89-0124
SIMPKINS CO
MAZOROW DL

COLD: AN OPERATIONAL HAZARD.
1989 U.S. NAVY SYMPOSIUM ON ARCTIC/COLD WEATHER
OPERATIONS OF SURFACE SHIPS. VOL 1. PP. 217-21.
ENVIRONMENTAL MEDICINE
400001.001.1375 (DN249521) REPORT NO. 1
AMNESIA
COLD CLIMATE
HYPOTHERMIA
NOREPINEPHRINE
AD A222 672

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN
NEUTROPENIC ANIMALS.
INFECTION AND IMMUNITY 1989 AUG; 57(8):2495-2501
INFECTION DISEASES
N.A.
ADJUVANTS, IMMUNOLOGIC
AGRANULOCYTOSIS
CORD FACTORS
GLYCOLIPIDS
KLEBSIELLA INFECTIONS
MICE
NEUTROPENIA
AD A222 673

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS
B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG
SEXUALLY ACTIVE HETEROSEXUALS.
AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE 1989;
41(6):726-31
INFECTION DISEASES
N.A.
HEPATITIS B
HEPATITIS B ANTIBODIES
HIV ANTIBODIES
HIV INFECTIONS
SEX BEHAVIOR
AD A226 563

HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN.
JOURNAL OF THE NATIONAL MEDICAL ASSOCIATION 1989 NOV;
81(11):1149-53
CASUALTY CARE
M0095.001.1005 (DN977556) REPORT NO.52
BETA-ENDORPHIN
ERYTHROCYTES
RECEPTORS, ENDOPHIN
AD A228 891

NMRI 89-0125
SHOLDT LL
ROGERS EJ JR
GERBERG EJ
SCHRECK CE
EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM
FABRIC AGAINST HUMAN BODY LICE.
MILITARY MEDICINE 1989 FEB;154(2):90-3
LIMA DETACHMENT
N.A.
CLOTHING
INSECTICIDES, BOTANICAL
MILITARY PERSONNEL
PEDICULOSIS
AD A228 836

NMRI 89-0126
JOHNSON AO
LEE CH
BINDING OF NEW METHYLENE BLUE TO ENDOTOXINS AND ITS EFFECTS
ON THE ENDOXIN ACTIVITY STUDIED BY DOUBLE DIFFUSION
AND LIMULUS AMEBOCYTE LYSATE ASSAYS.
NMRI REPORT. MAY 89.
CASUALTY CARE
MM33C30.01.1001 (DN246558) REPORT NO.8
ENDOTOXINS
LIMULUS TEST
AD A230 209

NMRI 89-0127
JOHNSON AO
LEE CH
QUANTITATION OF INTERACTING MOLECULAR SPECIES AND
MEASUREMENT OF MOLECULAR AVIDITY BY SINGLE RADIAL
(IMMUNO) DIFFUSION.
NMRI REPORT. SEPTEMBER 1989.
CASUALTY CARE
MM33C30.01.1001 (DN246558) REPORT NO.9
ENDOTOXINS
GEL DIFFUSION TESTS
MOLECULAR PROBE TECHNICS
AD A230 229
AUTHOR INDEX
<table>
<thead>
<tr>
<th>Authors</th>
<th>Title</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHLERS ST</td>
<td>Effects of Serial Wet-Dry-Wet Cold Exposure: Thermal Balance, Physical Activity, and Cognitive Performance.</td>
<td>NMRI 89-0035</td>
</tr>
<tr>
<td></td>
<td>Acute and Chronic Effects of Corticotropin-Relieving Factor on Schedule-Controlled Responding and Neurochemistry of Pigeons.</td>
<td>NMRI 89-0083</td>
</tr>
<tr>
<td></td>
<td>Behavioral Studies with Anxiolytic Drugs. VI. Effects on Punished Responding of Drugs Interacting with Serotonin Receptor Subtypes.</td>
<td>NMRI 89-0084</td>
</tr>
<tr>
<td></td>
<td>Repeated Exposure to Moderate Cold Impairs Matching-to-Sample Performance.</td>
<td>NMRI 89-0091</td>
</tr>
<tr>
<td></td>
<td>Cold: An Operational Hazard.</td>
<td>NMRI 89-0121</td>
</tr>
<tr>
<td>AL-ARABI MA</td>
<td>Epidemiology of Hepatitis B in the Gezira Region of Sudan.</td>
<td>NMRI 89-0109</td>
</tr>
<tr>
<td>AL-GAAJ AA</td>
<td>Epidemiology of Hepatitis B in the Gezira Region of Sudan.</td>
<td>NMRI 89-0109</td>
</tr>
<tr>
<td>AL-TAGANI AA</td>
<td>Epidemiology of Hepatitis B in the Gezira Region of Sudan.</td>
<td>NMRI 89-0109</td>
</tr>
<tr>
<td>ALAILIMA ST</td>
<td>Prostaglandin D2 Modulates Human Neutrophil Intracellular Calcium Flux and Inhibits Superoxide Release Via Its Ring Carbonyl.</td>
<td>NMRI 89-0048</td>
</tr>
<tr>
<td>ALLEN LD</td>
<td>Radio Frequency (13.56 MHz) Energy Enhances Rewarming From Mild Hypothermia.</td>
<td>NMRI 89-0046</td>
</tr>
<tr>
<td></td>
<td>Alterations in the Metabolic and Sympathetic Response to Cold Exposure After Cold Air Acclimation.</td>
<td>NMRI 89-0093</td>
</tr>
<tr>
<td>ARMSTRONG D</td>
<td>Oxygen Saturation of Brachial Venous Blood Correlates With Fingertip Temperatures Between 11 and 39 Degrees Centigrade.</td>
<td>NMRI 89-0087</td>
</tr>
</tbody>
</table>
ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMINATION.  NMRI 89-0093

COLD: AN OPERATIONAL HAZARD.  NMRI 89-0121

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.  NMRI 89-0038

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY.  NMRI 89-0054

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE.  NMRI 89-0037

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.  NMRI 89-0017

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZOITES AND CIRCUMPSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES.  NMRI 89-0023

SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPAOTOCYES.  NMRI 89-0043

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMPSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.  NMRI 89-0068

CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPAOTOCYES AND CONTINUOUS MOUSE CELL LINES.  NMRI 89-0077

ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK.  NMRI 89-0102

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMPSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.  NMRI 89-0068
BARRETT JE

ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND NEUROCHEMISTRY OF PIGEONS.

NMRI 89-0083

BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES.

NMRI 89-0084

BATHURST I

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.

NMRI 89-0068

BEARDSLEY D

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.

NMRI 89-0104

BEAUDOIN LM

FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZOITE DEVELOPMENT IN THE EARLY OOCYST.

NMRI 89-0106

BEAUDOIN RL

CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS.

NMRI 89-0032

DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO.

NMRI 89-0078

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND.

FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZOITE DEVELOPMENT IN THE EARLY OOCYST.

NMRI 89-0106

BEIER JC

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.

NMRI 89-0017

BERNING A

EFFECT OF MACROPHAGE INHIBITION IN CARRAGEEAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN.

NMRI 89-0007
BERZOSKY JA

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES.

GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZOITES.

NMRI 89-0023

BESCHORNER WE

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.

NMRI 89-0057

BOGDADI AM

MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT.

NMRI 89-0103

BONILLA N

HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER)

NMRI 89-0075

BRODERSON JR

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.

NMRI 89-0068

BROOK I

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS.

NMRI 89-0122

BROWN PA

TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN.

NMRI 89-0095

BROWN R

IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.

NMRI 89-0003

BRUNSWICK M

DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF IG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION.

NMRI 89-0082
BUKHATIARI N

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED
IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA
FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN
ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.
NMRI 89-0038

BURANS JP

HEPATITIS B AND H IV IN SUDAN: A SEROSURVEY FOR HEPATITIS
B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG
SEXUALLY ACTIVE HETEROSEXUALS.
NMRI 89-0123

BURR DH

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.
NMRI 89-0073

BURR RO

NMRI 89-0076

CABANBAN A

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING
OF CENTRIFUGED PARASITES.
NMRI 89-0040

CAHILL RA

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST
DISEASE AFTER BONE MARROW TRANSPLANTATION.
NMRI 89-0057

CALDWELL JM

PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR
SCREENING DIVERS' BREATHING AIR.
NMRI 89-0108

CAMPBELL JR

DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM
MALARIA CANDIDATE VACCINE ANTIGEN.
NMRI 89-0072

A SENSITIVE AND SPECIFIC DNA PROBE FOR PLASMODIUM YOELII.
NMRI 89-0107

CARCILLO JA

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPAS-C COUPLED
RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL
SEPSIS.
NMRI 89-0004

ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS.
NMRI 89-0005

NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD
PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL
SEPSIS.
NMRI 89-0052

CAREY RM

HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE
TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES.
NMRI 89-0013
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>NMRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARL M</td>
<td>HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI.</td>
<td>89-0027</td>
</tr>
<tr>
<td></td>
<td>THE IMPORTANCE OF THE CRYSTALLINE SURFACE LAYER PROTEIN ANTIGENS OF RICKETTSIAE IN T-CELL IMMUNITY.</td>
<td>89-0099</td>
</tr>
<tr>
<td>CARLSON NA</td>
<td>FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS.</td>
<td>89-0089</td>
</tr>
<tr>
<td>CATRON PW</td>
<td>EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.</td>
<td>89-0010</td>
</tr>
<tr>
<td>CEREB N</td>
<td>DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT.</td>
<td>89-0024</td>
</tr>
<tr>
<td>CHANG H</td>
<td>HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS.</td>
<td>89-0080</td>
</tr>
<tr>
<td>CHA ROENVIT Y</td>
<td>CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS.</td>
<td>89-0032</td>
</tr>
<tr>
<td></td>
<td>DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO.</td>
<td>89-0078</td>
</tr>
<tr>
<td>CHEN YF</td>
<td>VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE.</td>
<td>89-0090</td>
</tr>
<tr>
<td>CHENET BP</td>
<td>HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN.</td>
<td>89-0124</td>
</tr>
<tr>
<td>CHERNOW B</td>
<td>ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.</td>
<td>89-0104</td>
</tr>
<tr>
<td>CHING WM</td>
<td>HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI.</td>
<td>89-0027</td>
</tr>
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CHULAY JD
HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.
NMRI 89-0017

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.
NMRI 89-0040

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMPOROZOITE PROTEIN OF PLASMODIUM VIVAX.
NMRI 89-0068

CLARKE JR
FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS.
NMRI 89-0089

COLLINS WE
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMPOROZOITE PROTEIN OF PLASMODIUM VIVAX.
NMRI 89-0068

COLTON JS
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY CEREBROCORTICAL SYNAPTOSOMES.
NMRI 89-0066

ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE.
NMRI 89-0110

CONOLLY RB
1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT.
NMRI 89-0036

CONSTANTINE NT
HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.
NMRI 89-0116

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS.
NMRI 89-0123

COSAND ML
ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE.
NMRI 89-0011

CRUSS D
ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.
NMRI 89-0104
CULPEPPER BT
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE. NMRI 89-0047

D'ALESANDRO MM
PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR IN COLD. NMRI 89-0045

IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFECTOR FUNCTION(S). NMRI 89-0114

COLD: AN OPERATIONAL HAZARD. NMRI 89-0121

DANNER RL
ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102

DASCH GA
ENERGY METABOLISM OF MONOCYTIC EHRlichIA. NMRI 89-0015

HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI. NMRI 89-0027

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS OF MEDITERRANEAN SPOTTED FEVER. NMRI 89-0079

THE IMPORTANCE OF THE CRYSTALLINE SURFACE LAYER PROTEIN ANTIGENS OF RICKETTSIAE IN T-CELL IMMUNITY. NMRI 89-0099

THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA. NMRI 89-0119

DAVIS TA
PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES. NMRI 89-0081

DEACIUC IV
RECEPTOR CHANGES IN ENDOTOXEMIA. NMRI 89-0085
DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT. NMRI 89-0024

DEUCIUC I
ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA. NMRI 89-0002

DINTZIS HM
SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION. NMRI 89-0082

DOARN CR
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE. NMRI 89-0047

DOBSON ME
PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037
DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

DONAHUE RE
PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES. NMRI 89-0081

DOUGT TJ
EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE. NMRI 89-0035
USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE DURING COLD WATER IMMERSION. NMRI 89-0059
DIETARY PLANS FOR CARBOHYDRATE LOADING. NMRI 89-0094

DUNCAN JF
INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN. NMRI 89-0038

DUTKA AJ
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY CEREBROCORTICAL SYNAPTOSOMES. NMRI 89-0066
INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM. NMRI 89-0069
METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0070

ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE. NMRI 89-0110

ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0111

ECKELS D

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS. NMRI 89-0063

HLA-DN AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES. NMRI 89-0064

ECKSTEIN JM

TREATMENT OF SYPHACIA OBELATA IN MICE USING IVERMECTIN. NMRI 89-0095

EL-DABI MA

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. NMRI 89-0116

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

EL-HAG AA

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

EL-HAG AE

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. NMRI 89-0116

EL-TAYEB ME

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. NMRI 89-0116

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

ELIN RJ

ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102

ELLIOTT TB

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS. NMRI 89-0122
EMERSON SG
CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF
MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES. NMRI 89-0016

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN
T CELLS. NMRI 89-0100

ERBE EF
FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZOITE
DEVELOPMENT IN THE EARLY OOCYST. NMRI 89-0106

ESCAMILLA J
HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION.
(LETTER) NMRI 89-0075

EVANS DE
EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA
INDUCED BY AIR EMBOLISM. NMRI 89-0010

FAHKRY JG
HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS
B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG
SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

FALK MC
CYTOCHEMICAL PROPERTIES OF OSTEOBLAST CELL MEMBRANE
DOMAINS. NMRI 89-0053

FANG-TANG T
DR3 HETEROGENEITY IN AMERICAN BLACKS. NMRI 89-0060

FARMER ER
PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST
DISEASE AFTER BONE MARROW TRANSPLANTATION. NMRI 89-0057

FARRELL C
HLA-DN AND HLA-DP TYPING OF THE REFERENCE PANEL OF
B-LYMPHOBlastoid CELL LINES. NMRI 89-0064

FILIPSKI VK
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH
RECOMBINANT VACCINES BASED ON THE CIRCUMPOROZITE
PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

FINBLOOM DS
SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL
ELIMINATION OF MALARIA FROM HEPATOCYTES. NMRI 89-0043
FINKELMAN FD

IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA.

DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION.

FLEMING CD

DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.

FLETCHER MC

ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALLING: EFFECTS OF HIV-1 INFECTION ON HUMAN T CELL ACTIVATION.

FLOMENBERG N

HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES.

FLYNN BM

TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN.

FLYNN ET

EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.

STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING.

FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS.

FOUST JM

BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES.
FRANCIS TJ
METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0070

ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0111

GALLOWAY DR
BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074

GARTNER S
POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

GARTNER SL
EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED BY INTERLEUKIN-1. NMRI 89-0067

PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN. NMRI 89-0120

GAUSE MC
RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION. NMRI 89-0025

GEORGE JF
EPIDEMIOLOGY OF HEPATITIS B IN THE GEZIRA REGION OF SUDAN. NMRI 89-0109
HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. NMRI 89-0116

GERBERG EJ
EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE. NMRI 89-0125

GIBSON HL
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

GILMAN SC
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY CEREBROCORTICAL SYNAPTOSOMES. NMRI 89-0066
ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE. NMRI 89-0110
GLEASON S

BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON
PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN
RECEPTOR SUBTYPES.

GONZALES PG

HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION.
(LETTER)

GOOD MF

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE
PROTEIN.

GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII
SPOROZOIDES.

GORSKI J

THE DR3(W18), DQW4 HAPLOTYPE DIFFERS FROM DR3(W17),
DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.

GRABAU JH

DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE
HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND
DERMAL EXPOSURE.

GRAVITZ M

USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE
DURING COLD WATER IMMERSION.

GREGersen P

EVOLUTION OF DQW2-RELATED HAPLOTYPES.

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND
FUNCTIONAL ANALYSIS.

GREGersen PK

THE DR3(W18), DQW4 HAPLOTYPE DIFFERS FROM DR3(W17),
DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.

DR3 HETEROGENEITY IN AMERICAN BLACKS.

GROSMAIRE LS

ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL
ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR
INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE.
GROSS M

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGONI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES.

GROSSMANN A

ENHANCED TRANSMEMBRANE SIGNALING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCOJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE.

GROVES MG

CHARACTERIZATION OF FACTORS DETERMINING RICKETTSIA TSUTSUGAMUSHI PATHOGENICITY FOR MICE.

GRUBER DF

IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFector FUNCTION(S).

GUBA SC

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN normal human T CELLS.

GUERRY P

EVIDENCE FOR POSTTRANSLATIONAL MODIFICATION AND GENE DUPLICATION OF CAMPYLOBACTER FLAGELLIN.

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.

HABERBERGER RL

MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT.

HALLENBECK JM

INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.

MARGIS JB

AGRANULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.

HARMON V

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA.
HARRISON D

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION. NMRI 89-0057

HARTZMAN R

THE DR3(W18), DQw4 HAPLOTYPE DIFFERS FROM DR3(W17), DQw2 HAPLOTYPES AT MULTIPLE CLASS II LOCI. NMRI 89-0026

EVOLUTION OF DQw2-RELATED HAPLOTYPES. NMRI 89-0061

DRw6 POLYMORPHISM IN AMERICAN BLACKS. NMRI 89-0062

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS. NMRI 89-0063

HLA-DN AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES. NMRI 89-0064

HARTZMAN RJ

HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI. NMRI 89-0027

DR3 HETEROGENEITY IN AMERICAN BLACKS. NMRI 89-0060

ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALLING: EFFECTS OF HIV-1 INFECTION ON HUMAN T CELL ACTIVATION. NMRI 89-0065

HEDSTROM RC

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074

HENKENS RW

MUSSEL GLUE PROTEIN HAS AN OPEN CONFORMATION. NMRI 89-0020

HENRY SS

DETERMINATION OF THE TOXICITY OF CYCLOTRIPTOPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE. NMRI 89-0047

HERMILLER JB

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA. NMRI 89-0002

RECEPTOR CHANGES IN ENDOTOXEMIA. NMRI 89-0085

HESSLINK RL

EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE. NMRI 89-0035

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA. NMRI 89-0046
ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMINATION.
NMRI 89-0093

COLD: AN OPERATIONAL HAZARD.
NMRI 89-0121

HESSLINK RL JR

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA.
NMRI 89-0088

HOEAN L

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK.
NMRI 89-0008

HOFFMAN SL

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.
NMRI 89-0017

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES.
NMRI 89-0023

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.
NMRI 89-0030

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.
NMRI 89-0040

SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.
NMRI 89-0043

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.
NMRI 89-0068

CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES.
NMRI 89-0077

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND.
NMRI 89-0092

HOLLINGDALE MR

SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.
NMRI 89-0043

CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES.
NMRI 89-0077
GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZOITES.  
NMRI 89-0113

HOLLIS VM  
HUMANERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN.  
NMRI 89-0124

HOMER LD  
EGRESS OF INERT GAS FROM TISSUE.  
NMRI 89-0039

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA.  
NMRI 89-0046

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA.  
NMRI 89-0088

COLD: AN OPERATIONAL HAZARD.  
NMRI 89-0121

HONEYMAN M  
HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES.  
NMRI 89-0064

HOOK GR  
CONFOCAL SCANNING FLUORESCENCE MICROSCOPY: A NEW METHOD FOR PHAGOCYTOSIS RESEARCH.  
NMRI 89-0028

HOSSEINI JM  
ROLE OF ENDOOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK.  
NMRI 89-0102

HOUGH CJ  
ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS.  
NMRI 89-0005

HOUSE JF  
REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-SAMPLE PERFORMANCE.  
NMRI 89-0091

HUNT RE  
WORLD CONFERENCE ON PREERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND.  
NMRI 89-0092

HURLEY CK  
THE DR3(W18).DQW4 HAPLOTYPE DIFFERS FROM DR3(W17), DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.  
NMRI 89-0026

DR3 HETEROGENEITY IN AMERICAN BLACKS.  
NMRI 89-0060
EVOLUTION OF DQB2-RELATED HAPLOTYPES. 

DRW6 POLYMORPHISM IN AMERICAN BLACKS. 

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS. 

HYAMS KC 

HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER) 


MOSQUITO TRANSMISSION OF HEPATITIS B. (REVIEW) 

MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT. 

EPIDEMIOLOGY OF HEPATITIS B IN THE GEZIRA REGION OF SUDAN. 

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. 

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. 

IADAROLA MJ 

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS. 

IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE. 

IGBAL LM 

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYMELINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN. 

INMAN JK 

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION. 

IRVING SG 

MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS OF REGULATION IN THE INITIAL STAGES OF T-CELL ACTIVATION.
<table>
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<th>Title</th>
<th>Author</th>
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<tbody>
<tr>
<td>IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES.</td>
<td>ISENBARGER D</td>
<td>NMRI 89-0023</td>
</tr>
<tr>
<td>SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.</td>
<td>ISENBARGER D</td>
<td>NMRI 89-0043</td>
</tr>
<tr>
<td>PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.</td>
<td>JABS DA</td>
<td>NMRI 89-0057</td>
</tr>
<tr>
<td>TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES.</td>
<td>JACKSON KM</td>
<td>NMRI 89-0086</td>
</tr>
<tr>
<td>VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE.</td>
<td>JACKSON RM</td>
<td>NMRI 89-0090</td>
</tr>
<tr>
<td>RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.</td>
<td>JACOBOWITZ DM</td>
<td>NMRI 89-0012</td>
</tr>
<tr>
<td>IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE.</td>
<td>JACOBOWITZ DM</td>
<td>NMRI 89-0051</td>
</tr>
<tr>
<td>VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE.</td>
<td>JIN H</td>
<td>NMRI 89-0090</td>
</tr>
<tr>
<td>THE DR3(W18),DQW HAPLOTYPE DIFFERS FROM DR3(W17), DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.</td>
<td>JOHNSON AH</td>
<td>NMRI 89-0026</td>
</tr>
<tr>
<td>DR3 HETEROGENEITY IN AMERICAN BLACKS.</td>
<td>JOHNSON AH</td>
<td>NMRI 89-0060</td>
</tr>
<tr>
<td>EVOLUTION OF DQW2-RELATED HAPLOTYPES.</td>
<td>JOHNSON AH</td>
<td>NMRI 89-0061</td>
</tr>
<tr>
<td>DRW6 POLYMORPHISM IN AMERICAN BLACKS.</td>
<td>JOHNSON AH</td>
<td>NMRI 89-0062</td>
</tr>
<tr>
<td>POLYMORPHISM OF THE DRO HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS.</td>
<td>JOHNSON AH</td>
<td>NMRI 89-0063</td>
</tr>
</tbody>
</table>
JOHNSON AO  
IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.  
NMRI 89-0003

BINDING OF NEW METHYLENE BLUE TO ENDOTOXINS AND ITS EFFECTS 
ON THE ENDOTOXIN ACTIVITY STUDIED BY DOUBLE DIFFUSION 
AND LIMUS LAMEBOCYTE LYSATE ASSAYS.  
NMRI 89-0126

QUANTITATION OF INTERACTING MOLECULAR SPECIES AND 
MEASUREMENT OF MOLECULAR AVIDITY BY SINGLE RADIAL 
(IMMUNO) DIFFUSION.  
NMRI 89-0127

JOHNSON M  
PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR 
CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING 
CARBONYL.  
NMRI 89-0048

JOYE DD  
FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES 
OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS.  
NMRI 89-0089

JUNE C  
DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE 
SUBPOPULATIONS TO ULTRAVIOLET LIGHT.  
NMRI 89-0024

JUNE CH  
ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL 
ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR 
INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE.  
NMRI 89-0011

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF 
multiple T-cell-derived lymphokines/cytokines.  
NMRI 89-0016

REGULATION OF LYMHPHOKINE MESSENGER RNA STABILITY BY A 
SURFACE-MEDIATED T CELL ACTIVATION PATHWAY.  
NMRI 89-0019

MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS 
OF REGULATION IN THE INITIAL STAGES OF T-CELL 
ACTIVATION.  
NMRI 89-0021

RESPONSIVENESS OF FETAL AND ADULT CD4+, CD8- THYMOCYTES 
TO T-CELL ACTIVATION.  
NMRI 89-0025

EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN 
THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN 
T LYMPHOCYTES.  
NMRI 89-0042

ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 
AND CD3 RECEPTOR-MEDIATED ACTIVATION.  
NMRI 89-0049
KENNY TP  
PRODUCTION OF HUMAN MONOCLONAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS.  
NMRI 89-0031

KESSLER SP  
BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A.  
NMRI 89-0074

KESSLER SW  
AGRAINOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.  
NMRI 89-0055

KHALID IO  
HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.  
NMRI 89-0116

KIM CR  
"POE-PHYRIA," MADNESS, AND THE FALL OF THE HOUSE OF USHER.  
NMRI 89-0029

KIMMEL EC  
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.  
NMRI 89-0047

KINKEAD ER  
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.  
NMRI 89-0047

KOBIRNE AI  
EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.  
NMRI 89-0010

KOCHANEK PM  
INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.  
NMRI 89-0069

KOPECKO DJ  
USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.  
NMRI 89-0030

KOWALSKI K  
ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMATION.  
NMRI 89-0093
KOWALSKI KR

PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR IN COLD.

KRIEG R

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.

KUJAWA KI

EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN.

KUMALA S

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.

KUMAR S

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN.

KUNKEL SL

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.

KUTZMAN RS

1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT.

DETERMINATION OF THE TOXICITY OF CYCLOTRIPTOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.

LA RUSSA VF

AGRANULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIFREN): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.

LAKE CR

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.

LANE E

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.
LARRICK JW

PRODUCTION OF HUMAN MONOCLONAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS. NMRI 89-0031

LEATH S

CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES. NMRI 89-0077

LEDGETT JA

ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL ANTIBODY METEROCUNJUGATES SUGGESTS: MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE. NMRI 89-0011

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES. NMRI 89-0016

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY. NMRI 89-0019

EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0042

TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0086

LEDLEY GD

TREHALOSE Dimycolate Enhances Resistance to Infection in Neutropenic Animals. NMRI 89-0122

LEE C

ALTERATIONS IN SYMPATHEIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOERMIA DURING CORONARY ARTERY BYPASS SURGERY. NMRI 89-0104

LEE CH

IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH. NMRI 89-0003

BINDING OF NEW METHYLENE BLUE TO ENDOTOXINS AND ITS EFFECTS ON THE ENDOTOXIN ACTIVITY STUDIED BY DOUBLE DIFFUSION AND LIMULUS AMEBOCYTE LYSATE ASSAYS. NMRI 89-0126

QUANTITATION OF INTERACTING MOLECULAR SPECIES AND MEASUREMENT OF MOLECULAR AVIDITY BY SINGLE RADIAL (IMMUNO) DIFFUSION. NMRI 89-0127
LEE KW

DRM6 POLYMORPHISM IN AMERICAN BLACKS.  

NMRI 89-0062

LEEF M

CLONING OF PLASMODIUM OEOI1 GENES EXPRESSING THREE  
DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS.  

NMRI 89-0032

LEETERS L

INDIRECT IMMUNOOCULIN G (IgG) AND IGM ENZYME-LINKED  
IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA  
FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN  
ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.  

NMRI 89-0038

LEIDEN JM

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF  
MULTIPLE T-CELL-DERIVED LYMPOKINES/CYTOKINES.  

NMRI 89-0016

TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION  
in human T lymphocytes.  

NMRI 89-0086

LESmana M

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD  
of patients with typhoid fever.  

NMRI 89-0030

LEUdERS J

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS  
in sepsis and septic shock.  

NMRI 89-0008

LEVIN LS

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST  
disease after bone marrow transplantation.  

NMRI 89-0057

LEVINE AD

IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN  
B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND  
SUPPRESSED BY INTERFERON-GAMMA.  

NMRI 89-0050

LEWIS SB

HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE  
TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES.  

NMRI 89-0013

PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN  
TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12  
NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR  
in cold.  

NMRI 89-0045

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING  
FROM MILD HYPOTHERMIA.  

NMRI 89-0046
OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE.

RADIO FREQUENCY (03.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA.

COLD: AN OPERATIONAL HAZARD.

LIDO难 AR

INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED BEHAVIORAL CHANGES IN RATS.

LILLO RS

PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR SCREENING DIVERS' BREATHING AIR.

EFFECT OF INERT GAS SWITCHING AT DEPTH ON DECOMPRESSION OUTCOME IN RATS.

LINDSTEN T

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY.

EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES.

TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES.

LINETTE GP

ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALLING: EFFECTS OF HIV-1 INFECTION ON HUMAN T CELL ACTIVATION.

LITTEN RZ

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS.

norepinephrine-induced phosphorylation of a 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS.

LOGAN SM

EVIDENCE FOR POSTTRANSLATIONAL MODIFICATION AND GENE DUPLICATION OF CAMPYLOBACTER FLAGELLIN.

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>NMRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Gw</td>
<td>Rapid Diagnosis of Malaria by Acridine Orange Staining of Centrifuged Parasites.</td>
<td>89-0040</td>
</tr>
<tr>
<td>Sporozoite Vaccine Induces Genetically Restricted T Cell Elimination of Malaria from Hepatocytes.</td>
<td>89-0043</td>
<td></td>
</tr>
<tr>
<td>Cuitation of the Exoerythrocytic Stage of Plasmodium Berghei in Primary Cultures of Mouse Hepatocytes and Continuous Mouse Cell Lines.</td>
<td>89-0077</td>
<td></td>
</tr>
<tr>
<td>Lozada R</td>
<td>HIV Infection in a Non-Drug Abusing Prostitute Population. (Letter)</td>
<td>89-0075</td>
</tr>
<tr>
<td>Lueders Je</td>
<td>Monocyte-Derived Interleukin 1: Effects on Norepinephrine-Stimulated Aortic Contraction and Phosphoinositide Turnover.</td>
<td>89-0033</td>
</tr>
<tr>
<td>Macareno E</td>
<td>HIV Infection in a Non-Drug Abusing Prostitute Population. (Letter)</td>
<td>89-0075</td>
</tr>
<tr>
<td>MacCallum Me</td>
<td>Effect of Inert Gas Switching at Depth on Decompression Outcome in Rats.</td>
<td>89-0112</td>
</tr>
<tr>
<td>MacVittie Tj</td>
<td>Primate Studies with Combined Growth Factor Therapies.</td>
<td>89-0081</td>
</tr>
<tr>
<td>Role of Endotoxemia in Cardiovascular Dysfunction and Mortality: Escherichia Coli and Staphylococcus Aureus Challenges in a Canine Model of Human Septic Shock.</td>
<td>89-0102</td>
<td></td>
</tr>
<tr>
<td>Utility of Interleukin-1 in Therapy of Radiation Injury as Studied in Small and Large Animal Models.</td>
<td>89-0118</td>
<td></td>
</tr>
<tr>
<td>Madonna Gs</td>
<td>Trehalose Dimycolate Enhances Resistance to Infection in Neutropenic Animals.</td>
<td>89-0122</td>
</tr>
<tr>
<td>Majarian W r</td>
<td>Immune Response Gene Regulation of Immunity to Plasmodium Berghei Sporozoites and Circumsporozoite Protein Vaccines: Overcoming Genetic Restriction with Whole Organism and Subunit Vaccines.</td>
<td>89-0023</td>
</tr>
<tr>
<td>Immunization of Saimiri Sciureus Boliviensis with Recombinant Vaccines Based on the Circumsporozoite Protein of Plasmodium Vivax.</td>
<td>89-0068</td>
<td></td>
</tr>
</tbody>
</table>
MAKGODA MM
ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

MALIK IA
INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN. NMRI 89-0038

MALLAVIA LP
PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037

MANDELCO L
PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037

MANSBACH RS
BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES. NMRI 89-0084

MANSOUR NS
MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT. NMRI 89-0103

MARTINEZ FD
HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER) NMRI 89-0075

MARUMO K
MUSCLE GLUE PROTEIN HAS AN OPEN CONFORMATION. NMRI 89-0020

MASON C
HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA. NMRI 89-0017

MAZIER D
DUAL ACTION OF ANTISPOROZOITE ANTIBODIES IN VITRO. NMRI 89-0078

MAZOROW DL
PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL. NMRI 89-0048

HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN. NMRI 89-0124
MCCARTHY MC

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. NMRI 89-0116

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

MCDERMOTT A

CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS. NMRI 89-0032

MCDERMOTT JJ

EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM. NMRI 89-0010

MCGOWAN JL

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074

MCKENNA T

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

MCKENNA TM

ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR MEDIATED VASCULAR CONTRACTION IN SEPSIS. NMRI 89-0006

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOinositide TURNOVER. NMRI 89-0033

VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL Natriuretic Peptide. NMRI 89-0090

MCHIRTER PD

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030

MEHEGAN JP

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA. NMRI 89-0002

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS. NMRI 89-0012

IMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE. NMRI 89-0051

RECEPTOR CHANGES IN ENDOTOXEMIA. NMRI 89-0085
MESSITER JF
EPIDEMIOLOGY OF HEPATITIS B IN THE GEZIRA REGION OF SUDAN. NMRI 89-0109

MESZOEIY CA
FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZOITE DEVELOPMENT IN THE EARLY OOCYST. NMRI 89-0106

MICKELSON E
HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES. NMRI 89-0064

MIKHAIL IA
MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT. NMRI 89-0103

MILLAR DB
AN INEXPENSIVE STORAGE BOX FOR 0.5 AND 1.5 ML MICROCENTRIFUGE/TEST TUBES. NMRI 89-0022

PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.

HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN. NMRI 89-0124

MILLER DF
PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION. NMRI 89-0057

MILLER DR
HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS. NMRI 89-0080

MILLER LH
T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN. NMRI 89-0096

GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZOITES. NMRI 89-0113

MILTOGEN F
DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO. NMRI 89-0078

MITTLEMAN KD
USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE DURING COLD WATER IMMERSION. NMRI 89-0059
MONROE R

UTILITY OF INTERLEUKIN-1 IN THERAPY OF RADIATION INJURY AS STUDIED IN SMALL AND LARGE ANIMAL MODELS.

NMRI 89-0118

MORRISON T

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK.

NMRI 89-0008

MUGAMBI M

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.

NMRI 89-0017

MYERS K.R

TRELALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPHILIC ANIMALS.

NMRI 89-0122

NARDIN E.H.

IMMUNIZATION OF SAIMITI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.

NMRI 89-0068

NATANSOM C

ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK.

NMRI 89-0102

NEPOM G

EVOLUTION OF DQ02-RELATED HAPLOTYPES.

NMRI 89-0061

NEU R

UTILITY OF INTERLEUKIN-1 IN THERAPY OF RADIATION INJURY AS STUDIED IN SMALL AND LARGE ANIMAL MODELS.

NMRI 89-0118
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEVOLA J</td>
<td>POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK.</td>
<td>NMRI 89-0008</td>
</tr>
<tr>
<td>NIELSEN TB</td>
<td>BRADYKININ AND BRADYKININ ANTAGONISTS EFFECTS ON ENDOTHELIAL CELL PHOSPHOINOSITIDE METABOLISM: IMPLICATIONS FOR SEPTIC SHOCK.</td>
<td>NMRI 89-0001</td>
</tr>
<tr>
<td></td>
<td>EFFECTS OF PHORBOL ESTERS ON ENDOTHELIAL CELL MICROFILAMENTS: LASER SCANNING CONFOCAL MICROSCOPY AND QUANTITATIVE MORPHOMETRY OF DOSE DEPENDENT CHANGES.</td>
<td>NMRI 89-0117</td>
</tr>
<tr>
<td>NORRIS NA</td>
<td>ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE.</td>
<td>NMRI 89-0011</td>
</tr>
<tr>
<td>NUDELMAN S</td>
<td>DUAL ACTION OF ANTI-SPOROZITE ANTIBODIES IN VITRO.</td>
<td>NMRI 89-0078</td>
</tr>
<tr>
<td>NUSSENZWEIG RS</td>
<td>IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZITE PROTEIN OF PLASMODIUM VIVAX.</td>
<td>NMRI 89-0068</td>
</tr>
<tr>
<td>NYSTROM-ROSANDER C</td>
<td>DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT.</td>
<td>NMRI 89-0024</td>
</tr>
<tr>
<td>OAKS EV</td>
<td>ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA TSUTSUAGAMUSHI ANTIGENS.</td>
<td>NMRI 89-0098</td>
</tr>
<tr>
<td>OBERST R</td>
<td>RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.</td>
<td>NMRI 89-0040</td>
</tr>
<tr>
<td>ODEYALE C</td>
<td>EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN.</td>
<td>NMRI 89-0007</td>
</tr>
<tr>
<td>ODEYALE CO</td>
<td>CONFOCAL SCANNING FLUORESCENCE MICROSCOPY: A NEW METHOD FOR PHAGOCYTOSIS RESEARCH.</td>
<td>NMRI 89-0028</td>
</tr>
</tbody>
</table>
ODUM N

HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES. NMRI 89-0064

OLSEN RG

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA. NMRI 89-0046

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA. NMRI 89-0088

OLSON JO

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

OPARIL S

VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE. NMRI 89-0090

OPRANDY JJ

EVALUATION OF PERFORMANCE PARAMETERS OF A MEMBRANE-BASED DOT IMMUNOASSAY FOR MENINGOCOCCAL POLYSACCHARIDE. NMRI 89-0018

PHD. RECOGNITION. (LETTER) NMRI 89-0105

OSTER CN

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPORozoite T CELL EPITope CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA. NMRI 89-0017

PALINKAS LA


PAPADIMOS TJ

HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER) NMRI 89-0075

PARENT JB

CORE-SPECIFIC RECEPTORS FOR LIPOPOLYSACCHARIDE ON HEPATOCYTES. NMRI 89-0009

PARRILLO JE

ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102

PARSONS YJ

STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING. NMRI 89-0034
PATCHEN ML
TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS. NMRI 89-0122

PEART KW
ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102

PEPPER S
OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE. NMRI 89-0087

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA. NMRI 89-0088

PEPPER SJ
HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES. NMRI 89-0013

PEZESHKPOUR GH
ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0111

PIANTADOSI S
PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION. NMRI 89-0057

POGDORE JK
MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT. NMRI 89-0103

PORVAZNIK M
DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE. NMRI 89-0047

PROCELL PM
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

PULUNOSIH SP
USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030
PUNJABI NH

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.  NMRI 89-0030

PURVIS D

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK.  NMRI 89-0008

RABINOVITCH PS

ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL ANTIBODY MERRITCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE.  NMRI 89-0011

RAOUT D

LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS OF MEDITERRANEAN SPOTTED FEVER.  NMRI 89-0079

THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA.  NMRI 89-0119

REDMOND J

AGRAINULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.  NMRI 89-0055

REED HL

HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES.  NMRI 89-0013

PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR IN COLD.  NMRI 89-0045

OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE.  NMRI 89-0087

ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMATION.  NMRI 89-0093

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.  NMRI 89-0104

COLD: AN OPERATIONAL HAZARD.  NMRI 89-0121

REINSMOEN N

HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES.  NMRI 89-0064
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMIA L</td>
<td>DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO.</td>
<td>NMRI 89-0078</td>
</tr>
<tr>
<td>RICE RM</td>
<td>ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSSIA TSUTSUGAMUSHI ANTIGENS.</td>
<td>NMRI 89-0098</td>
</tr>
<tr>
<td>RICKMAN LS</td>
<td>'POE-PHRYIA,' MADNESS, AND THE FALL OF THE HOUSE OF USHER.</td>
<td>NMRI 89-0029</td>
</tr>
<tr>
<td></td>
<td>RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.</td>
<td>NMRI 89-0040</td>
</tr>
<tr>
<td>ROBBINS DL</td>
<td>PRODUCTION OF HUMAN MONOCLONAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS.</td>
<td>NMRI 89-0031</td>
</tr>
<tr>
<td>ROBBINS FM</td>
<td>THE DR3(W18), DQW4 HAPLOTYPE DIFFERS FROM DR3(W17), DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.</td>
<td>NMRI 89-0026</td>
</tr>
<tr>
<td></td>
<td>HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSSIA TYPHI.</td>
<td>NMRI 89-0027</td>
</tr>
<tr>
<td></td>
<td>DR3 HETEROGENEITY IN AMERICAN BLACKS.</td>
<td>NMRI 89-0060</td>
</tr>
<tr>
<td></td>
<td>DRW6 POLYMORPHISM IN AMERICAN BLACKS.</td>
<td>NMRI 89-0062</td>
</tr>
<tr>
<td></td>
<td>HLA-DW AND HLA-DR TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES.</td>
<td>NMRI 89-0064</td>
</tr>
<tr>
<td>ROBERTSON R</td>
<td>PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR IN COLD.</td>
<td>NMRI 89-0045</td>
</tr>
<tr>
<td>ROBEY F</td>
<td>RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.</td>
<td>NMRI 89-0012</td>
</tr>
<tr>
<td>RODRIGUEZ EB</td>
<td>RECEPTOR CHANGES IN ENDOTOXEMIA.</td>
<td>NMRI 89-0085</td>
</tr>
<tr>
<td>ROGERS EJ JR</td>
<td>EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE.</td>
<td>NMRI 89-0125</td>
</tr>
</tbody>
</table>
ROGERS P

CLONING OF PLASMODIUM YoELII GENES EXPRESSING THREE DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS. NMRI 89-0032

ROLLINS DM

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN. NMRI 89-0073

ROSEN-BRONSON S

DR3 HETEROGENEITY IN AMERICAN BLACKS. NMRI 89-0060

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS. NMRI 89-0063

ROTH BL

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA. NMRI 89-0002

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS. NMRI 89-0004

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS. NMRI 89-0012

IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE. NMRI 89-0051

NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS. NMRI 89-0052

RECEPTOR CHANGES IN ENDOTOXEMIA. NMRI 89-0085

RUBIN FA

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030

RUEBUSCH TK II

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

RUESCH D

POSSIBLE ROLE OF BACTERIAL ADHESION AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

SAMUEL JE

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Journal Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANDERS ME</td>
<td>ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION.</td>
<td>NMRI 89-0049</td>
</tr>
<tr>
<td>SANGALANG R</td>
<td>RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.</td>
<td>NMRI 89-0040</td>
</tr>
<tr>
<td>SANTOS GW</td>
<td>PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.</td>
<td>NMRI 89-0057</td>
</tr>
<tr>
<td>SARAL R</td>
<td>PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.</td>
<td>NMRI 89-0057</td>
</tr>
<tr>
<td>SCHRECK CE</td>
<td>EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE.</td>
<td>NMRI 89-0125</td>
</tr>
<tr>
<td>SCHRODT J</td>
<td>INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED BEHAVIORAL CHANGES IN RATS.</td>
<td>NMRI 89-0014</td>
</tr>
<tr>
<td></td>
<td>HUMAN REPEATED ACQUISITION AND PERFORMANCE DURING DIPHENDRHYDRAMINE AND COLD AIR EXPOSURE.</td>
<td>NMRI 89-0044</td>
</tr>
<tr>
<td></td>
<td>REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-SAMPLE PERFORMANCE.</td>
<td>NMRI 89-0091</td>
</tr>
<tr>
<td></td>
<td>COLD: AN OPERATIONAL HAZARD.</td>
<td>NMRI 89-0121</td>
</tr>
<tr>
<td>SCHUMAN R</td>
<td>CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGLI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES.</td>
<td>NMRI 89-0077</td>
</tr>
<tr>
<td>SECHREST JE</td>
<td>PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE.</td>
<td>NMRI 89-0037</td>
</tr>
<tr>
<td>SEDEGAH M</td>
<td>CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZOTIE-SPECIFIC ANTIGENS.</td>
<td>NMRI 89-0032</td>
</tr>
<tr>
<td></td>
<td>SPOROZOTIE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.</td>
<td>NMRI 89-0043</td>
</tr>
<tr>
<td>SELL T</td>
<td>HLA-DW AND HLA-DP TYPING OF REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES.</td>
<td>NMRI 89-0064</td>
</tr>
</tbody>
</table>
SHAKIR KM
PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.
NMRI 89-0120

SHARIF K
PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.
NMRI 89-0048

SHAW S
ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION.
NMRI 89-0049

SHERWOOD JA
HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.
NMRI 89-0017

SHOLDT LL
EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE.
NMRI 89-0125

SIEBENLIST U
MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS OF REGULATION IN THE INITIAL STAGES OF T-CELL ACTIVATION.
NMRI 89-0021

SILVER J
THE DR3(W18),DQ4 HAPLOTYPE DIFFERS FROM DR3(W17), DQ4 HAPLOTYPES AT MULTIPLE CLASS II LOCI.
NMRI 89-0026

DR3 HETEROGENEITY IN AMERICAN BLACKS.
NMRI 89-0060

EVOLUTION OF DQ42-RELATED HAPLOTYPES.
NMRI 89-0061

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS.
NMRI 89-0063

SIM BK
CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES.
NMRI 89-0077

SIMPKINS CO
PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.
NMRI 89-0048
PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.  

SIPPEL J  

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.  

SIPPEL JE  

EVALUATION OF PERFORMANCE PARAMETERS OF A MEMBRANE-BASED DOT IMMUNOASSAY FOR MENINGOCOCCAL POLYSACCHARIDE.  

SKELLY RR  

PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES.  

SKINNER JC  

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.  

SMALLRIDGE RC  

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.  

SMITH JI  

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.  

SOBEL DO  PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.  

SPIELBERG H  

DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT.  

SPITZER JA  

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA.  

RECEPTOR CHANGES IN ENDOTOXEMIA.
STATON A

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK.  
NMRI 89-0008

STEINBERG AD

RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION.  
NMRI 89-0025

STEINER N

THE DR3(W18), DQW4 HAPLOTYP DIFFERS FROM DR3(W17), DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.  
NMRI 89-0026

DR3 HETEROGENEITY IN AMERICAN BLACKS.  
NMRI 89-0060

EVOLUTION OF DQW2-RELATED HAPLOTYPES.  
NMRI 89-0061

DRW6 POLYMORPHISM IN AMERICAN BLACKS.  
NMRI 89-0062

STELLA G

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY.  
NMRI 89-0019

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN T CELLS.  
NMRI 89-0100

STOIKO MA

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.  
NMRI 89-0104

STOVER CK

ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA TSUTSUGAMUSHI ANTIGENS.  
NMRI 89-0098

STRONG D

TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN.  
NMRI 89-0095

SUBA EA

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS.  
NMRI 89-0004

SUDARMONO P

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER.  
NMRI 89-0030

SURVANSHI S

EORESS OF INERT GAS FROM TISSUE.  
NMRI 89-0039
SURVANSHI SS

STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING.

NMRI 89-0034

SVEJGAARD A

HLA-DR AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLastOID CELL LINES.

NMRI 89-0064

SWEAT H

PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.

NMRI 89-0048

SZARFMAN A

SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T-CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.

NMRI 89-0043

TAKASHI T

RESPONSESNESS OF Fetal AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION.

NMRI 89-0025

TANG T

DRM6 POLYMORPHISM IN AMERICAN BLACKS.

NMRI 89-0062

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS.

NMRI 89-0063

TATE EA

PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.

NMRI 89-0048

THALMANN ED

TESTING OF REVISED UNLIMITED-DURATION UPWARD EXCURSIONS DURING HELIUM-OXYGEN SATURATION DIVES.

NMRI 89-0071

THOMAS JR

INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED BEHAVIORAL CHANGES IN RATS.

NMRI 89-0014

HUMAN REPEATED ACQUISITION AND PERFORMANCE DURING DIPHENHYDRAMINE AND COLD AIR EXPOSURE.

NMRI 89-0044

REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-SAMPLE PERFORMANCE.

NMRI 89-0091

COLD: AN OPERATIONAL HAZARD.

NMRI 89-0121
THOMAS LB

EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREbral ISCHEMIA INDUCED BY AIR EMBOLISM.
NMRI 89-0010

THOMPSON CB

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.
NMRI 89-0016

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T-CELL ACTIVATION PATHWAY.
NMRI 89-0019

EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES.
NMRI 89-0042

TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES.
NMRI 89-0086

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN T CELLS.
NMRI 89-0100

THORP JW

DIETARY PLANS FOR CARBOHYDRATE LOADING.
NMRI 89-0094

THYPHRONITIS G

IGE SECRETION BY EBSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA.
NMRI 89-0050

TITIUS WA

ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR MEDIATED VASCULAR CONTRACTION IN SEPSIS.
NMRI 89-0006

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER.
NMRI 89-0033

TRUST TJ

EVIDENCE FOR POSTTRANSLATIONAL MODIFICATION AND GENE Duplication of CAMPYLOBACTER FLAGELLIN.
NMRI 89-0041

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.
NMRI 89-0073

TSOKOS GC

IGE SECRETION BY EBSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA.
NMRI 89-0050

TURKA LA

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN T CELLS.
NMRI 89-0100
TYREE B
THE PARTIAL DEGRADATION OF OSTEONECTIN BY A BONE-DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE I COLLAGEN. NMRI 89-0115

UCKUN FM
ENHANCED TRANSMEMBRANE SIGNALING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE. NMRI 89-0011

ULRICH JT
TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPenic ANIMALS. NMRI 89-0122

VAIDYA S
HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI. NMRI 89-0027

VAN DER MEIDE PH
SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES. NMRI 89-0043

VAN ORDEN KF
COLD: AN OPERATIONAL HAZARD. NMRI 89-0121

VOGELSANG GB
PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION. NMRI 89-0057

VON TERSCH FJ
OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE. NMRI 89-0087

WAITE JH
MUSSEL GLUE PROTEIN HAS AN OPEN CONFORMATION. NMRI 89-0020

WALDEN TL JR
IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFECTOR FUNCTION(S). NMRI 89-0114

WALKER RI
ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102
TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPenic ANIMALS. NMRI 89-0122
WALL NO

DETERMINATION OF THE TOXICITY OF CYCLOTРИPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.

MÄSSERMAN GF

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.

MÄSSERMAN SS

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.

WATERS L

SPOROZOITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.

WATSON LP

CYTOCHEMICAL PROPERTIES OF OSTEOLAST CELL MEMBRANE DOMAINS.

WEATHERSBY PK

STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING.

EORESS OF INERT GAS FROM TISSUE.

WEBB L

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY.

WEINBERG RP

EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE.

WEISBURG NO

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE.

WEISS E

ENERGY METABOLISM OF MONOCYTIC EHRlichIA.

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE.
WEISS HR

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN.  NMRI 89-0096

GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZOITES.  NMRI 89-0113

WILKERSON L

IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.  NMRI 89-0003

WILLIAMS JC

ENERGY METABOLISM OF MONOCYTIC EHRLICHIA.  NMRI 89-0015

WILLIAMS T

POSSIBLE ROLE OF BACTERIAL ADHESION AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK.

MUSSEL GLUE PROTEIN HAS AN OPEN CONFORMATION.  NMRI 89-0020

WILLIAMS TJ

EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED BY INTERLEUKIN-1.  NMRI 89-0067

PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.  NMRI 89-0120

WILSON CL

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.  NMRI 89-0068

WINGARD JR

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.  NMRI 89-0057

WISTAR R JR

PRODUCTION OF HUMAN MONOCOCLAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS.  NMRI 89-0031

WOESE CR

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE.  NMRI 89-0037

WOJNICKI FH

ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND NEUROCHEMISTRY OF PIGEONS.  NMRI 89-0083
WOOD DK

BRADYKININ AND BRADYKININ ANTAGONISTS EFFECTS ON ENDOTHELIAL CELL PHOSPHOINOSITIDE METABOLISM: IMPLICATIONS FOR SEPTIC SHOCK.  NMRI 89-0001

EFFECTS OF PHORBOL ESTERS ON ENDOTHELIAL CELL MICROFILAMENTS: LASER SCANNING CONFOCAL MICROSCOPY AND QUANTITATIVE MORPHOMETRY OF DOSE DEPENDENT CHANGES.  NMRI 89-0117

WOODY JN

MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASHAN, EGYPT.  NMRI 89-0103

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.  NMRI 89-0116

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS.  NMRI 89-0123

WORTMAN A

CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZITE-SPECIFIC ANTIGENS.  NMRI 89-0032

WOZNIACK DJ

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A.  NMRI 89-0074

WRIGHT DO

AGRANULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.  NMRI 89-0055

YAFFE LJ

EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN.  NMRI 89-0007

YANG RH

VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE.  NMRI 89-0090

YOUNG HA

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.  NMRI 89-0016

ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION.  NMRI 89-0049
YOUNO JF
IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

YUAN L
DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO. NMRI 89-0078

ZALOGA GP
ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTERMIA DURING CORONARY ARTERY BYPASS SURGERY. NMRI 89-0104

ZELTSER E
IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGMEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES; OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES. NMRI 89-0023

ZHANG L
ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND NEUROCHEMISTRY OF PIGEONS. NMRI 89-0083

ZIFF B
DR3 HETEROGENEITY IN AMERICAN BLACKS. NMRI 89-0060

ZIFF BL
POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS. NMRI 89-0063

ZIPFEL PF
MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS OF REGULATION IN THE INITIAL STAGES OF T-CELL ACTIVATION. NMRI 89-0021
SUBJECT INDEX
<table>
<thead>
<tr>
<th>Category</th>
<th>Title</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCLIMATIZATION</td>
<td>ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMATION.</td>
<td>NMRI 89-0093</td>
</tr>
<tr>
<td>ACETONES</td>
<td>PROCEEDINGS OF THE 17TH CONFERENCE ON TOXICOLOGY -- 3-5 NOVEMBER 1987.</td>
<td>NMRI 89-0058</td>
</tr>
<tr>
<td>ACQUIRED IMMUNODEFICIENCY SYNDROME</td>
<td>HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER)</td>
<td>NMRI 89-0075</td>
</tr>
<tr>
<td></td>
<td>HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.</td>
<td>NMRI 89-0116</td>
</tr>
<tr>
<td>ACRIDINE ORANGE</td>
<td>RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES.</td>
<td>NMRI 89-0040</td>
</tr>
<tr>
<td>ADJUVANTS, IMMUNOLOGIC</td>
<td>Trehalose Dimycolate Enhances Resistance to Infection in Neutropenic Animals.</td>
<td>NMRI 89-0122</td>
</tr>
<tr>
<td>ADMINISTRATION INHALATION</td>
<td>DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.</td>
<td>NMRI 89-0047</td>
</tr>
<tr>
<td>AEROSOLS</td>
<td>1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT.</td>
<td>NMRI 89-0036</td>
</tr>
<tr>
<td>AGGLUTINATION</td>
<td>IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.</td>
<td>NMRI 89-0003</td>
</tr>
<tr>
<td>AGRANULOCYTOSIS</td>
<td>AGRANULOCYTOSIS ASSOCIATED WITH &quot;MEXICAN ASPIRIN&quot; (DIPYRONE); EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.</td>
<td>NMRI 89-0055</td>
</tr>
<tr>
<td></td>
<td>INFLUENCE OF GRANULOCYTEPENIA ON CANINE CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM.</td>
<td>NMRI 89-0069</td>
</tr>
<tr>
<td></td>
<td>Trehalose Dimycolate Enhances Resistance to Infection in Neutropenic Animals.</td>
<td>NMRI 89-0122</td>
</tr>
<tr>
<td>AIR POLLUTANTS</td>
<td>PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR SCREENING DIVERS' BREATHING AIR.</td>
<td>NMRI 89-0108</td>
</tr>
</tbody>
</table>
ALDOSTERONE
HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES. NMRI 89-0013

AMINOPYRINE
AGRAUNOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS. NMRI 89-0055

AMNESIA
COLD: AN OPERATIONAL HAZARD. NMRI 89-0121

ANIMAL
MUSSEL GLUE PROTEIN HAS AN OPEN CONFORMATION. NMRI 89-0020

CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZITE-SPECIFIC ANTIGENS. NMRI 89-0032

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES. NMRI 89-0040

DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM MALARIA CANDIDATE VACCINE ANTIGEN. NMRI 89-0072

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZITE PROTEIN. NMRI 89-0096

MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASHAN, EGYPT. NMRI 89-0103

FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZITE DEVELOPMENT IN THE EARLY OOCYST. NMRI 89-0106

UTILITY OF INTERLEUKIN-1 IN THERAPY OF RADIATION INJURY AS STUDIED IN SMALL AND LARGE ANIMAL MODELS. NMRI 89-0118

ANIMALS
HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA. NMRI 89-0017

ANTIBODIES, ANTI IDIOTYPIC
DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE. NMRI 89-0056
ANTIBODIES, BACTERIAL

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN.

LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS OF MEDITERRANEAN SPOTTED FEVER.

ANTIBODIES, MONOCLONAL

IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.

ANTIBODIES, PROTOZOA

DUAL ACTION OF ANTI-SPOROZITE ANTIBODIES IN VITRO.

ANTIBODY FORMATION

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.

ANTIGENIC DETERMINANTS

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.

ANTIGENIC VARIATION

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.

ANTIGENS, BACTERIAL

HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI.

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY.

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.

ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA TSUTSUGAMUSHI ANTIGENS.

THE IMPORTANCE OF THE CRYSTALLINE SURFACE LAYER PROTEIN ANTIGENS OF RICKETTSIAE IN T-CELL IMMUNITY.

THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA.
ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES. NMRI 89-0016

RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION. NMRI 89-0025

HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI. NMRI 89-0027

ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN. NMRI 89-0096

ANTIGENS, PROTOZOA

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA. NMRI 89-0017

CLONING OF PLASMODIUM VIVAX GENES EXPRESSING THREE DIFFERENT SPOROZOE-SPECIFIC ANTIGENS. NMRI 89-0032

IMMUNIZATION OF SAIMIRI SCIURES BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM MALARIA CANDIDATE VACCINE ANTIGEN. NMRI 89-0072

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN. NMRI 89-0096

ANTIGENS, SURFACE

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHII SPOROZITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES. NMRI 89-0023

IMMUNIZATION OF SAIMIRI SCIURES BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX. NMRI 89-0068

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN. NMRI 89-0096

AORTA

NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS. NMRI 89-0052
AORTOCORONARY BYPASS
ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.
NMRI 89-0104

ARGOPRESSIN
VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE.
NMRI 89-0090

ARGON
EFFECT OF INERT GAS SWITCHING AT DEPTH ON DECOMPRESSION OUTCOME IN RATS.
NMRI 89-0112

ARTHRITIS, RHEUMATOID
PRODUCTION OF HUMAN MONOCLONAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS.
NMRI 89-0031

ATMOSPHERE
PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR SCREENING DIVERS' BREATHING AIR.
NMRI 89-0108

ATMOSPHERIC PRESSURE
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY CEREBROCORTICAL SYNAPTOSOMES.
NMRI 89-0066

TESTING OF REVISED UNLIMITED-DURATION UPWARD EXCURSIONS DURING HELIUM-OXYGEN SATURATION DIVES.
NMRI 89-0071

ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE.
NMRI 89-0110

AUTOANTIBODIES
AGRAUNULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.
NMRI 89-0055

B-LYMPHOCYTES
IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA.
NMRI 89-0050

DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.
NMRI 89-0056

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION.
NMRI 89-0082
BACTERIAL ADHESION

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

BACTERIAL OUTER MEMBRANE PROTEINS

HETEROGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI. NMRI 89-0027

BACTERIAL PROTEINS

EVIDENCE FOR POSTTRANSLATIONAL MODIFICATION AND GENE DUPLICATION OF CAMPYLOBACTER FLAGELLIN. NMRI 89-0041

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN. NMRI 89-0073

ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA TSUTSUGAMUSHI ANTIGENS. NMRI 89-0098

BACTERIAL VACCINES

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074

BASAL METABOLISM

ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMATION. NMRI 89-0093

BEHAVIOR, ANIMAL

INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED BEHAVIORAL CHANGES IN RATS. NMRI 89-0014

ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND NEUROCHEMISTRY OF PIGEONS. NMRI 89-0083

BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES. NMRI 89-0084

BETA-ENDORPHIN

HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN. NMRI 89-0124

BIOGENIC MonoAMINES

ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE. NMRI 89-0110

BIOLOGICAL FACTORS

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMHPHOKINES/CYTOKINES. NMRI 89-0016
<table>
<thead>
<tr>
<th>Category</th>
<th>Title</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGICAL SCIENCES</td>
<td>PHD. RECOGNITION. (LETTER)</td>
<td>NMRI 89-0105</td>
</tr>
<tr>
<td>BODY TEMPERATURE</td>
<td>EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE.</td>
<td>NMRI 89-0035</td>
</tr>
<tr>
<td></td>
<td>USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE DURING COLD WATER IMMERSION.</td>
<td>NMRI 89-0059</td>
</tr>
<tr>
<td>BODY TEMPERATURE REGULATION</td>
<td>RADIO FREQUENCY (13.56 MHz) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA.</td>
<td>NMRI 89-0046</td>
</tr>
<tr>
<td>BONE AND BONES</td>
<td>THE PARTIAL DEGRADATION OF OSTEONECTIN BY A BONE-DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE 1 COLLAGEN.</td>
<td>NMRI 89-0115</td>
</tr>
<tr>
<td>BONE MARROW</td>
<td>PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST DISEASE AFTER BONE MARROW TRANSPLANTATION.</td>
<td>NMRI 89-0057</td>
</tr>
<tr>
<td></td>
<td>PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES.</td>
<td>NMRI 89-0081</td>
</tr>
<tr>
<td>BOUTONNEUSE FEVER</td>
<td>LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS OF MEDITERRANEAN SPOTTED FEVER.</td>
<td>NMRI 89-0079</td>
</tr>
<tr>
<td>BRADYKININ</td>
<td>BRADYKININ AND BRADYKININ ANTAGONISTS EFFECTS ON ENDOTHELIAL CELL PHOSPHOINOSITIDE METABOLISM: IMPLICATIONS FOR SEPTIC SHOCK.</td>
<td>NMRI 89-0001</td>
</tr>
<tr>
<td>BRAIN</td>
<td>RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.</td>
<td>NMRI 89-0012</td>
</tr>
<tr>
<td></td>
<td>ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE.</td>
<td>NMRI 89-0110</td>
</tr>
<tr>
<td>CALCIUM</td>
<td>SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION.</td>
<td>NMRI 89-0082</td>
</tr>
</tbody>
</table>
CAMPYLOBACTER

Evidence for posttranslational modification and gene duplication of Campylobacter flagellin.

NMRI 89-0041

In vivo antigenic variation of Campylobacter flagellin.

NMRI 89-0073

CARBOHYDRATES

Dietary plans for carbohydrate loading.

NMRI 89-0094

CARDIOVASCULAR DISEASES

Role of endotoxemia in cardiovascular dysfunction and mortality: Escherichia coli and Staphylococcus aureus challenges in a canine model of human septic shock.

NMRI 89-0102

CARRAGEENAN


NMRI 89-0007

CATECHOLAMINES

Hormonal and hemodynamic effects of heat and cold tolerance tests before and after multiple cold air exposures.

NMRI 89-0013

CATS

Effect of lidocaine after experimental cerebral ischemia induced by air embolism.

NMRI 89-0010

CATTLE

Effects of phorbol esters on endothelial cell microfilaments: laser scanning confocal microscopy and quantitative morphometry of dose dependent changes.

NMRI 89-0117

CELL TRANSFORMATION, VIRAL

IGE secretion by Epstein-Barr virus-infected purified human B-lymphocytes is stimulated by interleukin 4 and suppressed by interferon-gamma.

NMRI 89-0050

CENTRIFUGATION

An inexpensive storage box for 0.5 and 1.5 ml microcentrifuge/test tubes.

NMRI 89-0022

CEREBRAL CORTEX

Pressure-dependent changes in the release of GABA by cerebralcortical synaptosomes.

NMRI 89-0066

CEREBRAL EMBOLISM AND THROMBOSIS

Influence of granulocytopenia on canine cerebral ischemia induced by air embolism.

NMRI 89-0069
CEREBRAL ISCHEMIA

EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM. NMRI 89-0010

INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM. NMRI 89-0069

CHOLINESTERASE INHIBITORS

PROCEEDINGS OF THE 17TH CONFERENCE ON TOXICOLOGY -- 3-5 NOVEMBER 1987. NMRI 89-0058

CLOTHING

EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE. NMRI 89-0125

COGNITION

EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE. NMRI 89-0035

COLD

HUMAN REPEATED ACQUISITION AND PERFORMANCE DURING DIPHENHYDRAMINE AND COLD AIR EXPOSURE. NMRI 89-0044

OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE. NMRI 89-0087

REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-SAMPLE PERFORMANCE. NMRI 89-0091

COLD CLIMATE

ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMATION. NMRI 89-0093

COLD: AN OPERATIONAL HAZARD. NMRI 89-0121

COLLAGEN

THE PARTIAL DEGRADATION OF OSTEOECTIN BY A BONE-DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE 1 COLLAGEN. NMRI 89-0115

CORD FACTORS

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS. NMRI 89-0122

CORTICOTROPIN RELEASING HORMONE

ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND NEUROCHEMISTRY OF PIGEONS. NMRI 89-0083
CROSS LINKING REAGENTS

DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.

CYTOSKELETON

EFFECTS OF PHORBOL ESTERS ON ENDOTHELIAL CELL MICROFILAMENTS: LASER SCANNING CONFOCAL MICROSCOPY AND QUANTITATIVE MORPHOMETRY OF DOSE DEPENDENT CHANGES.

DECOMPRESSION SICKNESS

STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING.
EGRESS OF INERT GAS FROM TISSUE.
METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD DECOMPRESSION SICKNESS.
ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS.
EFFECT OF INERT GAS SWITCHING AT DEPTH ON DECOMPRESSION OUTCOME IN RATS.

DEXTRANS

DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.

DIARRHEA

MICROBIOLOGIC AND CLINICAL STUDY OF ACUTE DIARRHEA IN CHILDREN IN ASWAN, EGYPT.

DIETARY CARBOHYDRATES

DIETARY PLANS FOR CARBOHYDRATE LOADING.

DINOPROST

PROSTAGLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.

DIPYRONE

AGRANULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS.
DIVERS
PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR SCREENING DIVERS' BREATHING AIR. NMRI 89-0108

DIVING
EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE. NMRI 89-0035

TESTING OF REVISED UNLIMITED-DURATION UPWARD EXCURSIONS DURING HELIUM-OXYGEN SATURATION DIVES. NMRI 89-0071

DNA
A SENSITIVE AND SPECIFIC DNA PROBE FOR PLASMODIUM YOELII. NMRI 89-0107

DNA PROBES
USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030

DNA, BACTERIAL
USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030

DOGS
INFLUENCE OF GRANULOCYTOPENIA ON CANINE CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM. NMRI 89-0069

RECEPTOR CHANGES IN ENDOTOXEMIA. NMRI 89-0085

ROLE OF ENDOTOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102

ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0111

IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFECTOR FUNCTION(S). NMRI 89-0114

DRUG THERAPY, COMBINATION
PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES. NMRI 89-0081

EDUCATION, MEDICAL
PHD. RECOGNITION. (LETTER) NMRI 89-0105

EHRLICHIAS
ENERGY METABOLISM OF MONOCYTIC EHRLICHIAS. NMRI 89-0015

ELECTROMAGNETIC-FIELDS
INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED BEHAVIORAL CHANGES IN RATS. NMRI 89-0014
**EMBOLISM, AIR**

- **Effect of Lidocaine after Experimental Cerebral Ischemia Induced by Air Embolism.**
  - NMRI 89-0010

- **Influence of Granulocytopenia on Canine Cerebral Ischemia Induced by Air Embolism.**
  - NMRI 89-0069

- **Arterial Gas Embolism as a Pathophysiologic Mechanism for Spinal Cord Decompression Sickness.**
  - NMRI 89-0111

**ENDOTHELIAL CELL PHOSPHOINOSITIDE METABOLISM:**

- **Bradykinin and Bradykinin Antagonists Effects on Endothelial Cell Phosphoinositol Metabolism: Implications for Septic Shock.**
  - NMRI 89-0001

**ENDOTHELIAL, VASCULAR**

- **Effects of Phorbol Esters on Endothelial Cell Microfilaments: Laser Scanning Confocal Microscopy and Quantitative Morphometry of Dose Dependent Changes.**
  - NMRI 89-0117

**ENDOTOXINS**

- **Alterations in Splenic and Hepatic Protein Kinase C in Sepsis and Chronic Endotoxemia.**
  - NMRI 89-0002

- **Immunological Approaches in Septic Shock Research.**
  - NMRI 89-0003

- **Oncogene Expression: A New Horizon in the Study of Sepsis.**
  - NMRI 89-0005

- **Possible Role of Bacterial Adherence and Bacterial Adhesins in Sepsis and Septic Shock.**
  - NMRI 89-0008

- **Role of Endotoxemia in Cardiovascular Dysfunction and Mortality: Escherichia Coli and Staphylococcus Aureus Challenges in a Canine Model of Human Septic Shock.**
  - NMRI 89-0102

- **Binding of New Methylene Blue to Endotoxins and Its Effect on the Endotoxin Activity Studied by Double Diffusion and Limulus Amebocyte Lysate Assays.**
  - NMRI 89-0126

- **Quantitation of Interacting Molecular Species and Measurement of Molecular Avidity by Single Radial (Immuno) Diffusion.**
  - NMRI 89-0127
ENERGY-METABOLISM

ENERGY METABOLISM OF MONOCYTIC EHRLICHIA. NMRI 89-0015

ENZYME LINKED IMMUNOSORBENT ASSAY

INDIRECT IMMUNOGLOBULIN G (IGG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN. NMRI 89-0038

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

EPINEPHRINE

PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN; A ROLE FOR THE BETA RECEPTOR IN COLD. NMRI 89-0045

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA. NMRI 89-0046

EPSTEIN BARR VIRUS

IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA. NMRI 89-0050

ERYTHROCYTES

HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS. NMRI 89-0080

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND. NMRI 89-0092

HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN. NMRI 89-0124

EVOLUTION

EVOLUTION OF DQW2-RELATED HAPLOTYPES. NMRI 89-0061

EXERCISE

EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE. NMRI 89-0035

USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE DURING COLD WATER IMMERSION. NMRI 89-0059

EXOTOXINS

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074
FETUS
RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION. NMRI 89-0025

FINGERS
OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE. NMRI 89-0087

FLAGELLIN
EVIDENCE FOR POSTTRANSLATIONAL MODIFICATION AND GENE DUPLICATION OF CAMPYLOBACTER FLAGELLIN. NMRI 89-0041

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN. NMRI 89-0073

FLEAS
DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

FLUORIDES
1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT. NMRI 89-0036

GABA
PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY CEREBROCORTICAL SYNAPTOSOMES. NMRI 89-0066

GALACTOSAMINE
EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN. NMRI 89-0007

GASES, RARE
STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING. NMRI 89-0034

EGRESS OF INERT GAS FROM TISSUE. NMRI 89-0039

GEL DIFFUSION TESTS
QUANTITATION OF INTERACTING MOLECULAR SPECIES AND MEASUREMENT OF MOLECULAR AVIDITY BY SINGLE RADIAL (IMMUNO) DIFFUSION. NMRI 89-0127

GENE EXPRESSION REGULATION
CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES. NMRI 89-0016
EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN
THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN
T LYMPHOCYTES.
NMRI 89-0042

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN
T CELLS.
NMRI 89-0100

GENES, BACTERIAL

ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA
TSUTSUGAMUSHI ANTIGENS.
NMRI 89-0098

GENES, IMMUNE RESPONSE

MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS
OF REGULATION IN THE INITIAL STAGES OF T-CELL
ACTIVATION.
NMRI 89-0021

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM
BERGHEI SPORozoITES AND CIRCUMSPORozoITE PROTEIN
VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE
ORGANISM AND SUBUNIT VACCINES.
NMRI 89-0023

GENES, STRUCTURAL

DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM
MALARIA CANDIDATE VACCINE ANTIGEN.
NMRI 89-0072

GLYCOLIPIDS

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN
NEUTROGENIC ANIMALS.
NMRI 89-0122

GRAFT-VS-HOST DISEASE

PREDICTORS OF DEATH FROM CHRONIC GRAFT-VERSUS-HOST
DISEASE AFTER BONE MARROW TRANSPLANTATION.
NMRI 89-0057

GRAM-NEGATIVE BACTERIA

THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER
ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-
NEGATIVE BACTERIA.
NMRI 89-0119

GROWTH SUBSTANCES

PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES.
NMRI 89-0081

GUINEA PIGS

PRESSURE-DEPENDENT CHANGES IN THE RELEASE OF GABA BY
CEREBROCORTICAL SYNAPTOSES.
NMRI 89-0066

HALOGEN

PRELIMINARY EVALUATION OF A HALOGEN LEAK DETECTOR FOR
SCREENING DIVERS' BREATHING AIR.
NMRI 89-0108
HAPLOTYPES

POLYMORPHISM OF THE DRI HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS. NMRI 89-0063

HAZARDOUS SUBSTANCES

DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE. NMRI 89-0047

HEAT

OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE. NMRI 89-0087

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA. NMRI 89-0088

HELIUM

EFFECT OF INERT GAS SWITCHING AT DEPTH ON DECOMPRESSION OUTCOME IN RATS. NMRI 89-0112

HEMATOLOGIC DISEASES

HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS. NMRI 89-0080

HEMATOPOIETIC STEM CELLS

AGONULOCYTOSIS ASSOCIATED WITH "MEXICAN ASPIRIN" (DIPYRONE): EVIDENCE FOR AN AUTOIMMUNE MECHANISM AFFECTING MULTIPOTENTIAL HEMATOPOIETIC PROGENITORS. NMRI 89-0055

HEMOLYSIS

HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS. NMRI 89-0080

HEPATITIS B

MOSQUITO TRANSMISSION OF HEPATITIS B. (REVIEW) NMRI 89-0101

EPIDEMIOLOGY OF HEPATITIS B IN THE GEZIRA REGION OF SUDAN. NMRI 89-0109

HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN. NMRI 89-0116

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

HEPATITIS B ANTIBODIES

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123
<table>
<thead>
<tr>
<th>Title</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HIPPOCAMPUS</strong></td>
<td></td>
</tr>
<tr>
<td>RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.</td>
<td>NMRI 89-0012</td>
</tr>
<tr>
<td>IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE.</td>
<td>NMRI 89-0051</td>
</tr>
<tr>
<td><strong>HISTAMINE H1 RECEPTOR BLOCKADERS</strong></td>
<td></td>
</tr>
<tr>
<td>HUMAN REPEATED ACQUISITION AND PERFORMANCE DURING DIPHENHYDRAMINE AND COLD AIR EXPOSURE.</td>
<td>NMRI 89-0044</td>
</tr>
<tr>
<td><strong>HISTOCOMPATIBILITY ANTIGENS CLASS II</strong></td>
<td></td>
</tr>
<tr>
<td>DR3 HETEROGENEITY IN AMERICAN BLACKS.</td>
<td>NMRI 89-0060</td>
</tr>
<tr>
<td>EVOLUTION OF DQW2-RELATED HAPLOTYPES.</td>
<td>NMRI 89-0061</td>
</tr>
<tr>
<td>DRW6 POLYMORPHISM IN AMERICAN BLACKS.</td>
<td>NMRI 89-0062</td>
</tr>
<tr>
<td>POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS.</td>
<td>NMRI 89-0063</td>
</tr>
<tr>
<td>HLA-DW AND HLA-DP TYPING OF THE REFERENCE PANEL OF B-LYMPHOBLASTOID CELL LINES.</td>
<td>NMRI 89-0064</td>
</tr>
<tr>
<td><strong>HIV ANTIBODIES</strong></td>
<td></td>
</tr>
<tr>
<td>HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS.</td>
<td>NMRI 89-0123</td>
</tr>
<tr>
<td><strong>HIV INFECTIONS</strong></td>
<td></td>
</tr>
<tr>
<td>HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS.</td>
<td>NMRI 89-0123</td>
</tr>
<tr>
<td><strong>HIV-1</strong></td>
<td></td>
</tr>
<tr>
<td>ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALING: EFFECTS OF HIV-1 INFECTION ON HUMAN T CELL ACTIVATION.</td>
<td>NMRI 89-0065</td>
</tr>
<tr>
<td>HIV-1 AND HEPATITIS B TRANSMISSION IN SUDAN.</td>
<td>NMRI 89-0116</td>
</tr>
<tr>
<td><strong>HLA ANTIGENS</strong></td>
<td></td>
</tr>
<tr>
<td>POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS.</td>
<td>NMRI 89-0063</td>
</tr>
<tr>
<td><strong>HLA-D ANTIGENS</strong></td>
<td></td>
</tr>
<tr>
<td>DRW6 POLYMORPHISM IN AMERICAN BLACKS.</td>
<td>NMRI 89-0062</td>
</tr>
</tbody>
</table>
HLA-DR ANTIGENS

THE DR3(W18), DQW4 HAPLOTYPE DIFFERS FROM DR3(W17), DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.

POLYMORPHISM OF THE DR1 HAPLOTYPE: STRUCTURAL AND FUNCTIONAL ANALYSIS.

HLA-DR3 ANTIGEN

DR3 HETEROGENEITY IN AMERICAN BLACKS.

HLA-DR6 ANTIGEN

DRW6 POLYMORPHISM IN AMERICAN BLACKS.

HYBRIDOMAS

PRODUCTION OF HUMAN MONOCLONAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS.

HYPERTENSION

PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR IN COLD.

HYPNOSIS

USE OF SELF-INDUCED HYPNOSIS TO MODIFY THERMAL BALANCE DURING COLD WATER IMMERSION.

HYPOTHERMIA

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCESREWARMING FROM MILD HYPOTHERMIA.

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA.

COLD: AN OPERATIONAL HAZARD.

HYPOTHERMIA, INDUCED

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTHERMIA DURING CORONARY ARTERY BYPASS SURGERY.
IOD
DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.
NMRI 89-0056

IOE
IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA.
NMRI 89-0050

IOO
PRODUCTION OF HUMAN MONOCLONAL RHEUMATOID FACTOR SECRETING HYBRIDOMAS DERIVED FROM RHEUMATOID SYNOVIAL CELLS.
NMRI 89-0031

IMMUNE-SERA
IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE.
NMRI 89-0051

IMMUNITY, NATURAL
GENETIC CONTROL OF IMMUNITY TO PLASMODIUM FALCIPARUM'S SPOROZITES.
NMRI 89-0113

IMMUNIZATION
SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.
NMRI 89-0043

IMMUNOASSAY
IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH.
NMRI 89-0003

IMMUNOBLOTTING
THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES; ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA.
NMRI 89-0119

IMMUNOENZYME-TECHNICS
EVALUATION OF PERFORMANCE PARAMETERS OF A MEMBRANE-BASED DOT IMMUNOAASSAY FOR MENINGOCOCCAL POLYSACCHARIDE.
NMRI 89-0018

IMMUNOGLOBULINS, SURFACE
DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.
NMRI 89-0056
SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION. NMRI 89-0082

IMMUNOLOGIC MEMORY

ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

INDOMETHACIN

PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN. NMRI 89-0120

INSECT VECTORS

DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

MOSQUITO TRANSMISSION OF HEPATITIS B. (REVIEW) NMRI 89-0101

INSECTICIDES, BOTANICAL

EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE. NMRI 89-0125

INTERFERON TYPE II

IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA. NMRI 89-0050

INTERLEUKIN 1

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NORADRENALINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER. NMRI 89-0033

EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED BY INTERLEUKIN-1. NMRI 89-0067

PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES. NMRI 89-0081

UTILITY OF INTERLEUKIN-1 IN THERAPY OF RADIATION INJURY AS STUDIED IN SMALL AND LARGE ANIMAL MODELS. NMRI 89-0118

INTERLEUKIN 2

ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR MEDIATED VASCULAR CONTRACTION IN SEPSIS. NMRI 89-0006

EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0042
TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0086

INTERLEUKIN 3
REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN T CELLS. NMRI 89-0100

INTERLEUKINS
IGE SECRETION BY EPSTEIN-BARR VIRUS-INFECTED PURIFIED HUMAN B-LYMPHOCYTES IS STIMULATED BY INTERLEUKIN 4 AND SUPPRESSED BY INTERFERON-GAMMA. NMRI 89-0050

IONOPHORES
EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0042

IVERMECTIN
TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN. NMRI 89-0095

KLEBSIELLA INFECTIONS
TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS. NMRI 89-0122

LEUKOCYTES
DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT. NMRI 89-0024

LEUKOTRIENES B
IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFECTOR FUNCTION(S). NMRI 89-0114

LIDOCAINE
EFFECT OF LIDOCAINE AFTER EXPERIMENTAL CEREBRAL ISCHEMIA INDUCED BY AIR EMBOLISM. NMRI 89-0010

LIMULUS TEST
BINDING OF NEW METHYLENE BLUE TO ENDOTOXINS AND ITS EFFECT ON THE ENDOTOXIN ACTIVITY STUDIED BY DOUBLE DIFFUSION AND LIMULUS AMEBOCYTE LYSATE ASSAYS. NMRI 89-0126

LIPOPOLYSACCHARIDES
ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS. NMRI 89-0005

EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INduced SENSITIVITY TO LOW-DOSE ENDOTOXIN. NMRI 89-0007
CORE-SPECIFIC RECEPTORS FOR LIPOPOLYSACCHARIDE ON HEPATO CYTES. NMRI 89-0009

INDIRECT IMMUNOglobulin G (IgG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN. NMRI 89-0038

LITERATURE, MODERN

'POE-PHYRIA,' MADNESS, AND THE FALL OF THE HOUSE OF USHER. NMRI 89-0029

LIVER

SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATO CYTES. NMRI 89-0043

CULTIVATION OF THE EXERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATO CYTES AND CONTINUOUS MOUSE CELL LINES. NMRI 89-0077

DUAL ACTION OF ANTI-SPOROZITE ANTIBODIES IN VITRO. NMRI 89-0078

LUNG

FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS. NMRI 89-0089

LYMPHOCYTE TRANSFORMATION

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA. NMRI 89-0017

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY. NMRI 89-0019

MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS OF REGULATION IN THE INITIAL STAGES OF T-CELL ACTIVATION. NMRI 89-0021

DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE SUBPOPULATIONS TO ULTRAVIOLET LIGHT. NMRI 89-0024

RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION. NMRI 89-0025

ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION. NMRI 89-0082
LYMPHOCYTES

DIFFERENTIAL SENSITIVITY OF HUMAN LEUKOCYTE
SUBPOPULATIONS TO ULTRAVIOLET LIGHT.

LYMPHOKINES

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF
MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.

REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A
SURFACE-MEDIATED T CELL ACTIVATION PATHWAY.

MACROPHAGES

EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND
D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE
ENDOTOXIN.

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS
IN SEPSIS AND SEPTIC SHOCK.

CONFOCAL SCANNING FLUORESCENCE MICROSCOPY: A NEW METHOD
FOR PHAGOCYTOSIS RESEARCH.

MAJOR HISTOCOMPATIBILITY COMPLEX

THE DR3(W18), DQW4 HAPLOTYPE DIFFERS FROM DR3(W17),
DQW2 HAPLOTYPES AT MULTIPLE CLASS II LOCI.

MALARIA

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE
T CELL EPITOPE CORRELATES WITH RESISTANCE TO
FALCIPARUM MALARIA.

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM
BERGHEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN
VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE
ORGANISM AND SUBUNIT VACCINES.

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING
OF CENTRIFUGED PARASITES.

SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL
ELIMINATION OF MALARIA FROM HEPATOCYTES.

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH
RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE
PROTEIN OF PLASMODIUM VIVAX.

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE
DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS,
APRIL 12-15, 1989, BETHESDA, MARYLAND.
A SENSITIVE AND SPECIFIC DNA PROBE FOR PLASMODIUM YOELII. NMRI 89-0107
GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZITES. NMRI 89-0113

MANNOSE
EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED BY INTERLEUKIN-1. NMRI 89-0067

MEDICINE IN LITERATURE
"POE-PHRYA," MADNESS, AND THE FALL OF THE HOUSE OF USHER. NMRI 89-0029

MEMBRANE PROTEINS
ENHANCED TRANSMEMBRANE SIGNALING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE. NMRI 89-0011

MEMBRANES
HEMOLYTIC ANEMIAS: MEMBRANE DEFECTS. NMRI 89-0080

MENTAL DISORDERS
"POE-PHRYA," MADNESS, AND THE FALL OF THE HOUSE OF USHER. NMRI 89-0029

METALLOPROTEINASES
THE PARTIAL DEGRADATION OF OSTEOLECTIN BY A BONE-DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE I COLLAGEN. NMRI 89-0115

METHYL PREDNISOLONE
METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD DECOMPRESSION SICKNESS. NMRI 89-0070

MICE
EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN. NMRI 89-0007

ENHANCED TRANSMEMBRANE SIGNALING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE. NMRI 89-0011

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZITES AND CIRCUMSPOROZITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES. NMRI 89-0023

RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION. NMRI 89-0025
DIFFERENT PATTERNS OF INOSITOL POLYPHOSPHATE PRODUCTION ARE SEEN IN B LYMPHOCYTES AFTER CROSS-LINKING OF SIG BY ANTI-IG ANTIBODY OR BY A MULTIVALENT ANTI-IG ANTIBODY DEXTRAN CONJUGATE.

CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES.

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION.

TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN.

CHARACTERIZATION OF FACTORS DETERMINING RICKETTSIA TSUTSUGAMUSHI PATHOGENICITY FOR MICE.

GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZOITES.

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS.

MICROFILAMENTS

EFFECTS OF PHORBOL ESTERS ON ENDOTHELIAL CELL MICROFILAMENTS: LASER SCANNING CONFOCAL MICROSCOPY AND QUANTITATIVE MORPHOMETRY OF DOSE DEPENDENT CHANGES.

MICROSCOPY, FLUORESCENCE

CONFOCAL SCANNING FLUORESCENCE MICROSCOPY: A NEW METHOD FOR PHAGOCYTOSIS RESEARCH.

MILITARY PERSONNEL


EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM FABRIC AGAINST HUMAN BODY LICE.

MODELS, BIOLOGICAL


SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION.
MODELS, STATISTICAL

STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING. NMRI 89-0034

MOLECULAR PROBE TECHNICS

QUANTITATION OF INTERACTING MOLECULAR SPECIES AND MEASUREMENT OF MOLECULAR AVIDITY BY SINGLE RADIAL (IMMUNO) DIFFUSION. NMRI 89-0127

MONOCYTES

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER. NMRI 89-0033

MONTE CARLO METHOD

EGRESS OF INERT GAS FROM TISSUE. NMRI 89-0039

MOSQUITOES

MOSQUITO TRANSMISSION OF HEPATITIS B. (REVIEW) NMRI 89-0101

MUSCLE CONTRACTION

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER. NMRI 89-0033

MUSCLE, SMOOTH, VASCULAR

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER. NMRI 89-0033

NATRIURETIC PEPTIDES, ATRIAL

VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE. NMRI 89-0090

NEISSERIA-MENINGITIDIS

EVALUATION OF PERFORMANCE PARAMETERS OF A MEMBRANE-BASED DOT IMMUNOASSAY FOR MENINGOCOCCAL POLYSACCHARIDE. NMRI 89-0018

NEOPLASMS

PROCEEDINGS OF THE 17TH CONFERENCE ON TOXICOLOGY -- 3-5 NOVEMBER 1987. NMRI 89-0058

NEUROTOXINS

1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT. NMRI 89-0036

NEUTROPENIA

TREHALOSE DIMYCOLATE ENHANCES RESISTANCE TO INFECTION IN NEUTROPENIC ANIMALS. NMRI 89-0122
NEUTROPHILS

IN VITRO EFFECTS OF LEUKOTRIENE B4 (LTB4) ON CANINE PMN EFFECTOR FUNCTION(S).

PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF INDOMETHACIN.

NOREPINEPHrine

ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR MEDIATED VASCULAR CONTRACTION IN SEPSIS.

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE TURNOVER.

PROPRANOLOL ACCENTUATES THE COLD INDUCED FALL IN SKIN TEMPERATURE AND ELEVATION IN BLOOD PRESSURE IN 12 NORMOTENSIVE MEN: A ROLE FOR THE BETA RECEPTOR IN COLD.

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES REWARMING FROM MILD HYPOTHERMIA.

NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS.

ALTERATIONS IN THE METABOLIC AND SYMPATHETIC RESPONSE TO COLD EXPOSURE AFTER COLD AIR ACCLIMATION.

COLD: AN OPERATIONAL HAZARD.

NUTRITION

DIETARY PLANS FOR CARBOHYDRATE LOADING.

ONCOGENES

ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS.

OSTEOBLASTS

CYTOCHEMICAL PROPERTIES OF OSTEOBLAST CELL MEMBRANE DOMAINS.

OSTEONECTIN

THE PARTIAL DEGRADATION OF OSTEONECTIN BY A BONE-DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE I COLLAGEN.

OXYGEN CONSUMPTION

OXYGEN SATURATION OF BRACHIAL VEINOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE.
OXYURIASIS
TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN.
NMRI 89-0095

PARASITOLOGY
RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING
OF CENTRIFUGED PARASITES.
NMRI 89-0040

PEDICULOSIS
EFFECTIVENESS OF PERMETHRIN-TREATED MILITARY UNIFORM
FABRIC AGAINST HUMAN BODY LICE.
NMRI 89-0125

PEPTIDE FRAGMENTS
IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C
IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST
A SYNTHETIC PEPTIDE SEQUENCE.
NMRI 89-0051

PHAGOCYTOSIS
CONFOCAL SCANNING FLUORESCENCE MICROSCOPY: A NEW METHOD
FOR PHAGOCYTOSIS RESEARCH.
NMRI 89-0028

PHORBOL ESTERS
EFFECTS OF PHORBOL ESTERS ON ENDOTHELIAL CELL
MICROFILAMENTS: LASER SCANNING CONFOCAL MICROSCOPY
AND QUANTITATIVE MORPHOMETRY OF DOSE DEPENDENT CHANGES.
NMRI 89-0117

PHORBOLS
ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR
MEDIATED VASCULAR CONTRACTION IN SEPSIS.
NMRI 89-0006

PHOSPHOINOSITIDES
BRADYKININ AND BRADYKININ ANTAGONISTS EFFECTS ON
ENDOTHELIAL CELL PHOSPHOINOSITIDE METABOLISM:
IMPLICATIONS FOR SEPTIC SHOCK.
NMRI 89-0001

MONOCYTE-DERIVED INTERLEUKIN 1; EFFECTS ON NOREPINEPHRINE-
STIMULATED AORTIC CONTRACTION AND PHOSPHOINOSITIDE
TURNOVER.
NMRI 89-0033

PHOSPHOLIPASE C
PHOSPHOLIPASE C ACTIVITY IN HUMAN POLYMORPHONUCLEAR
LEUKOCYTES: PARTIAL CHARACTERIZATION AND EFFECT OF
INDOMETHACIN.
NMRI 89-0120

PHOSPHOPROTEINS
NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD
PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL
SEPSIS.
NMRI 89-0052
PHYLOGENY

PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037

PIGEONS

ACUTE AND CHRONIC EFFECTS OF CORTICOTROPIN-RELEASING FACTOR ON SCHEDULE-CONTROLLED RESPONDING AND NEUROCHEMISTRY OF PIGEONS. NMRI 89-0083

BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES. NMRI 89-0084

PILI, BACTERIAL

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

PLASMODIUM BERGHEI

IMMUNE RESPONSE GENE REGULATION OF IMMUNITY TO PLASMODIUM BERGHEI SPOROZOITES AND CIRCUMSPOROZOITE PROTEIN VACCINES: OVERCOMING GENETIC RESTRICTION WITH WHOLE ORGANISM AND SUBUNIT VACCINES. NMRI 89-0023

SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES. NMRI 89-0043

CULTIVATION OF THE EXOERYTHROCYTIC STAGE OF PLASMODIUM BERGHEI IN PRIMARY CULTURES OF MOUSE HEPATOCYTES AND CONTINUOUS MOUSE CELL LINES. NMRI 89-0077

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND. NMRI 89-0092

PLASMODIUM FALCIPARUM

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZOITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA. NMRI 89-0017

RAPID DIAGNOSIS OF MALARIA BY ACRIDINE ORANGE STAINING OF CENTRIFUGED PARASITES. NMRI 89-0040

DNA SEQUENCE OF THE GENE ENCODING A PLASMODIUM FALCIPARUM MALARIA CANDIDATE VACCINE ANTIGEN. NMRI 89-0072

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND. NMRI 89-0092

T-CELL ANTIGENIC SITES OF THE MALARIA CIRCUMSPOROZOITE PROTEIN. NMRI 89-0096

FREEZE-FRACTURE STUDIES ON THE SPOROBLAST AND SPOROZOITE DEVELOPMENT IN THE EARLY OOCYST. NMRI 89-0106
PLASMODIUM VIVAX

IMMUNIZATION OF SAIMIRI SCIUREUS BOLIVIENSIS WITH RECOMBINANT VACCINES BASED ON THE CIRCUMSPOROZOITE PROTEIN OF PLASMODIUM VIVAX.

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND.

PLASMODIUM YOELII

CLONING OF PLASMODIUM YOELII GENES EXPRESSING THREE DIFFERENT SPOROZOITE-SPECIFIC ANTIGENS.

DUAL ACTION OF ANTI-SPOROZOITE ANTIBODIES IN VITRO.

WORLD CONFERENCE ON PRE-ERYTHROCYTIC STAGE MALARIA VACCINE DEVELOPMENT: CURRENT STATUS AND FUTURE PROSPECTS, APRIL 12-15, 1989, BETHESDA, MARYLAND.

A SENSITIVE AND SPECIFIC DNA PROBE FOR PLASMODIUM YOELII SPOROZOITES.

GENETIC CONTROL OF IMMUNITY TO PLASMODIUM YOELII SPOROZOITES.

POLY ADP RIBOSE POLYMERASE

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A.

POLYSACCHARIDES, BACTERIAL

EVALUATION OF PERFORMANCE PARAMETERS OF A MEMBRANE-BASED DOT IMMUNOASSAY FOR MENINGOCOCCAL POLYSACCHARIDE.

PORPHYRIA

'POE-PHYRIA,' MADNESS, AND THE FALL OF THE HOUSE OF USHER.

PRIMATES

PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES.

PROLACTIN

HORMONAL AND HEMODYNAMIC EFFECTS OF HEAT AND COLD TOLERANCE TESTS BEFORE AND AFTER MULTIPLE COLD AIR EXPOSURES.

PROSTA GLANDIN D2

PROSTA GLANDIN D2 MODULATES HUMAN NEUTROPHIL INTRACELLULAR CALCIUM FLUX AND INHIBITS SUPEROXIDE RELEASE VIA ITS RING CARBONYL.

PROSTITUTION

HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER)

NMRI 89-0068

NMRI 89-0092

NMRI 89-0032

NMRI 89-0078

NMRI 89-0092

NMRI 89-0107

NMRI 89-0113

NMRI 89-0074

NMRI 89-0018

NMRI 89-0029

NMRI 89-0081

NMRI 89-0013

NMRI 89-0048

NMRI 89-0075
PROTEIN KINASE C

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA.  NMRI 89-0002

ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS.  NMRI 89-0005

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.  NMRI 89-0012

IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE.  NMRI 89-0051

PROTEINS

MUSSEL GLUE PROTEIN HAS AN OPEN CONFORMATION.  NMRI 89-0020

PSEUDOMONAS AERUGINOSA

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A.  NMRI 89-0074

PSYCHOMOTOR PERFORMANCE

REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-SAMPLE PERFORMANCE.  NMRI 89-0091

PULMONARY WEDGE PRESSURE

VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE.  NMRI 89-0090

RABBITS

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS.  NMRI 89-0012

DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.  NMRI 89-0047

IN VIVO ANTIGENIC VARIATION OF CAMPYLOBACTER FLAGELLIN.  NMRI 89-0073

RADIATION

UTILITY OF INTERLEUKIN-1 IN THERAPY OF RADIATION INJURY AS STUDIED IN SMALL AND LARGE ANIMAL MODELS.  NMRI 89-0118

RADIO WAVES

RADIO FREQUENCY (13.56 MHZ) ENERGY ENHANCES RECOVERY FROM MILD HYPOTHERMIA.  NMRI 89-0088
RATS

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOTOXEMIA. NMRI 89-0002

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPToRS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS. NMRI 89-0004

ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS. NMRI 89-0005

ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR MEDIATED VASCULAR CONTRACTION IN SEPSIS. NMRI 89-0006

POSSIBLE ROLE OF BACTERIAL ADHERENCE AND BACTERIAL ADHESINS IN SEPSIS AND SEPTIC SHOCK. NMRI 89-0008

CORE-SPECIFIC RECEPTORS FOR LIPOLYSACCHARIDE ON HEPATOCYTES. NMRI 89-0009

RAT BRAIN PROTEIN KINASE C: PURIFICATION, ANTIBODY PRODUCTION, AND QUANTIFICATION IN DISCRETE REGIONS OF HIPPOCAMPUS. NMRI 89-0012

INTENSITY THRESHOLD FOR 60-HZ MAGNETICALLY INDUCED BEHAVIORAL CHANGES IN RATS. NMRI 89-0014

MONOCYTE-DERIVED INTERLEUKIN 1: EFFECTS ON NOREPINEPHRINE-STIMULATED AORTIC CONTRACTION AND PHOSPHODIESTER TURNOVER. NMRI 89-0033

DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE. NMRI 89-0047

IMMUNOHISTOCHEMICAL DISTRIBUTION OF BETA-PROTEIN KINASE C IN RAT HIPPOCAMPUS DETERMINED WITH AN ANTIBODY AGAINST A SYNTHETIC PEPTIDE SEQUENCE. NMRI 89-0051

NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS. NMRI 89-0052

CYTOCHEMICAL PROPERTIES OF OSTEOBLAST CELL MEMBRANE DOMAINS. NMRI 89-0053

DUAL ACTION OF ANTI-SPOROZOTE ANTIBODIES IN VITRO. NMRI 89-0078

VASOPRESSIN LOWERS PULMONARY ARTERY PRESSURE IN HYPOXIC RATS BY RELEASING ATRIAL NATRIURETIC PEPTIDE. NMRI 89-0090

EFFECT OF INERT GAS SWITCHING AT DEPTH ON DECOMPRESSION OUTCOME IN RATS. NMRI 89-0112
THE PARTIAL DEGRADATION OF OSTEOECTIN BY A BONE DERIVED METALLOPROTEASE ENHANCES BINDING TO TYPE I COLLAGEN. NMRI 89-0115

REACTION TIME
REPEATED EXPOSURE TO MODERATE COLD IMPAIRS MATCHING-TO-SAMPLE PERFORMANCE. NMRI 89-0091

RECEPTORS, ANTIGEN, T-CELL
ENHANCED TRANSMEMBRANE SIGNALLING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE. NMRI 89-0011
ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

RECEPTORS, ENDOGENOUS SUBSTANCES
RECEPTOR CHANGES IN ENDOXEMIA. NMRI 89-0085

RECEPTORS, ENDORPHIN
HUMAN ERYTHROCYTES HAVE BINDING SITES FOR BETA-ENDORPHIN. NMRI 89-0124

RECEPTORS, IMMUNOLOGIC
ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

RECEPTORS, SEROTONIN
BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES. NMRI 89-0084

RESPARATION
FORMULATION OF ELASTIC LOADING PARAMETERS FOR STUDIES OF CLOSED-CIRCUIT UNDERWATER BREATHING SYSTEMS. NMRI 89-0089

RICKETTSIA
ENERGY METABOLISM OF MONOCYTIC EHRlichia. NMRI 89-0015
LINE BLOT AND WESTERN BLOT IMMUNOASSAYS FOR DIAGNOSIS OF MEDITERRANEAN SPOTTED FEVER. NMRI 89-0079
THE IMPORTANCE OF THE CRYSTALLINE SURFACE LAYER PROTEIN ANTIGENS OF RICKETTSIAE IN T-CELL IMMUNITY. NMRI 89-0099
THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA. NMRI 89-0119

RICKETTSIA TSUTSUGAMUSHI
CHARACTERIZATION OF FACTORS DETERMINING RICKETTSIA TSUTSUGAMUSHI PATHOGENICITY FOR MICE. NMRI 89-0097
ANTIGENIC AND GENETIC RELATEDNESS OF EIGHT RICKETTSIA TSUTSUGAMUSHI ANTIGENS. NMRI 89-0098

RICKETTSIA TYPHI
METHOGENEITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSIA TYPHI. NMRI 89-0027
DETECTION OF MURINE TYPHUS INFECTED FLEAS WITH AN ENZYME-LINKED IMMUNOSORBENT ASSAY. NMRI 89-0054

RICKETTSIACEAE
ENERGY METABOLISM OF MONOCYTIC EHRLICHIA. NMRI 89-0015
PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037

RISK
STATISTICALLY BASED DECOMPRESSION TABLES V: HALDANE-VANN MODELS FOR AIR DIVING. NMRI 89-0034

RNA, MESSENGER
ONCOGENE EXPRESSION: A NEW HORIZON IN THE STUDY OF SEPSIS. NMRI 89-0005
REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY. NMRI 89-0019

RNA, RIBOSOMAL, 16S
PHYLOGENETIC DIVERSITY OF THE RICKETTSIAE. NMRI 89-0037

RODENT DISEASES
TREATMENT OF SYPHACIA OBVELATA IN MICE USING IVERMECTIN. NMRI 89-0095

SALMONELLA TYPHI
USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030
INDIRECT IMMUNOLOBULIN G (IgG) AND IGM ENZYME-LINKED IMMUNOSORBENT ASSAYS (ELISAS) AND IGM CAPTURE ELISA FOR DETECTION OF ANTIBODIES TO LIPOPOLYSACCHARIDE IN ADULT TYPHOID FEVER PATIENTS IN PAKISTAN. NMRI 89-0038

SCRUB TYPHUS
CHARACTERIZATION OF FACTORS DETERMINING RICKETTSIA TSUTSUGAMUSHI PATHOGENICITY FOR MICE. NMRI 89-0097

SEPTIC SHOCK
EFFECT OF MACROPHAGE INHIBITION IN CARRAGEENAN- AND D-GALACTOSAMINE-INDUCED SENSITIVITY TO LOW-DOSE ENDOTOXIN. NMRI 89-0007
SEPTICEMIA

ALTERATIONS IN SPLENIC AND HEPATIC PROTEIN KINASE C IN SEPSIS AND CHRONIC ENDOXEMIA. NMRI 89-0002

USE OF A DNA PROBE TO DETECT SALMONELLA TYPHI IN THE BLOOD OF PATIENTS WITH TYPHOID FEVER. NMRI 89-0030

NOREPINEPHRINE-INDUCED PHOSPHORYLATION OF A 25 KD PHOSPHOPROTEIN IN RAT AORTA IS ALTERED IN INTRAPERITONEAL SEPSIS. NMRI 89-0052

SEROTONIN ANTAGONISTS

BEHAVIORAL STUDIES WITH ANXIOLYTIC DRUGS. VI. EFFECTS ON PUNISHED RESPONDING OF DRUGS INTERACTING WITH SEROTONIN RECEPTOR SUBTYPES. NMRI 89-0084

SEROTYPING

THE LINE BLOT: AN IMMUNOASSAY FOR MONOCLONAL AND OTHER ANTIBODIES: ITS APPLICATION TO THE SEROTYPING OF GRAM-NEGATIVE BACTERIA. NMRI 89-0119

SEX BEHAVIOR

HEPATITIS B AND HIV IN SUDAN: A SEROSURVEY FOR HEPATITIS B AND HUMAN IMMUNODEFICIENCY VIRUS ANTIBODIES AMONG SEXUALLY ACTIVE HETEROSEXUALS. NMRI 89-0123

SHOCK, SEPTIC

IMMUNOLOGICAL APPROACHES IN SEPTIC SHOCK RESEARCH. NMRI 89-0003

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS. NMRI 89-0004

RECEPTOR CHANGES IN ENDOXEMIA. NMRI 89-0085

ROLE OF ENDOXEMIA IN CARDIOVASCULAR DYSFUNCTION AND MORTALITY: ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS CHALLENGES IN A CANINE MODEL OF HUMAN SEPTIC SHOCK. NMRI 89-0102

SIGNAL TRANSDUCTION

ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS. NMRI 89-0004

ENHANCED TRANSMEMBRANE SIGNALING ACTIVITY OF MONOCLONAL ANTIBODY HETEROCONJUGATES SUGGESTS MOLECULAR INTERACTIONS BETWEEN RECEPTORS ON THE T CELL SURFACE. NMRI 89-0011
EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES.

SKIN ABSORPTION

DETERMINATION OF THE TOXICITY OF CYCLOTRIPHOSPHAZENE HYDRAULIC FLUID BY 21-DAY REPEATED INHALATION AND DERMAL EXPOSURE.

SKIN TEMPERATURE

OXYGEN SATURATION OF BRACHIAL VENOUS BLOOD CORRELATES WITH FINGERTIP TEMPERATURES BETWEEN 11 AND 39 DEGREES CENTIGRADE.

SPINAL CORD DISEASES

METHYL PREDNISOLONE IN THE TREATMENT OF ACUTE SPINAL CORD DECOMPRESSION SICKNESS.

ARTERIAL GAS EMBOLISM AS A PATHOPHYSIOLOGIC MECHANISM FOR SPINAL CORD DECOMPRESSION SICKNESS.

STRESS

EFFECTS OF SERIAL WET-DRY-WET COLD EXPOSURE: THERMAL BALANCE, PHYSICAL ACTIVITY, AND COGNITIVE PERFORMANCE.

SUBSTANCE ABUSE

HIV INFECTION IN A NON-DRUG ABUSING PROSTITUTE POPULATION. (LETTER)

SUPPRESSOR CELLS

SPOROZITE VACCINE INDUCES GENETICALLY RESTRICTED T CELL ELIMINATION OF MALARIA FROM HEPATOCYTES.

SYMPATHETIC NERVOUS SYSTEM

ALTERATIONS IN SYMPATHETIC NERVOUS SYSTEM ACTIVITY WITH INTRAOPERATIVE HYPOTERMIA DURING CORONARY ARTERY BYPASS SURGERY.

SYNAPTOSOMES

ALTERATIONS IN BRAIN MONOAMINE NEUROTRANSMITTER RELEASE AT HIGH PRESSURE.

T-LYMPHOCYTES

CD28 ACTIVATION PATHWAY REGULATES THE PRODUCTION OF MULTIPLE T-CELL-DERIVED LYMPHOKINES/CYTOKINES.

HUMAN LYMPHOCYTE PROLIFERATIVE RESPONSE TO A SPOROZITE T CELL EPITOPE CORRELATES WITH RESISTANCE TO FALCIPARUM MALARIA.
REGULATION OF LYMPHOKINE MESSENGER RNA STABILITY BY A SURFACE-MEDIATED T CELL ACTIVATION PATHWAY. NMRI 89-0019

MITOGEN-INDUCED GENES ARE SUBJECT TO MULTIPLE PATHWAYS OF REGULATION IN THE INITIAL STAGES OF T-CELL ACTIVATION. NMRI 89-0021

RESPONSIVENESS OF FETAL AND ADULT CD4-, CD8- THYMOCYTES TO T-CELL ACTIVATION. NMRI 89-0025

HETEROGEOENITY OF CD4-POSITIVE HUMAN T-CELL CLONES WHICH RECOGNIZE THE SURFACE PROTEIN ANTIGEN OF RICKETTSSA TYPHI. NMRI 89-0027

EVIDENCE FOR THE INVOLVEMENT OF THREE DISTINCT SIGNALS IN THE INDUCTION OF IL-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0042

ENHANCED RESPONSIVENESS OF HUMAN MEMORY T CELLS TO CD2 AND CD3 RECEPTOR-MEDIATED ACTIVATION. NMRI 89-0049

ROLE OF THE CD4 RECEPTOR IN HUMAN T-LYMPHOCYTE SIGNALLING: EFFECTS OF HIV-1 INFECTION ON HUMAN T CELL ACTIVATION. NMRI 89-0065

SURFACE IMMUNOGLOBULIN-MEDIATED B-CELL ACTIVATION IN THE ABSENCE OF DETECTABLE ELEVATIONS IN INTRACELLULAR IONIZED CALCIUM: A MODEL FOR T-CELL-INDEPENDENT B-CELL ACTIVATION. NMRI 89-0082

TWO DISTINCT MECHANISMS OF INTERLEUKIN-2 GENE EXPRESSION IN HUMAN T LYMPHOCYTES. NMRI 89-0086

THE IMPORTANCE OF THE CRYSTALLINE SURFACE LAYER PROTEIN ANTIGENS OF RICKETTSIAE IN T-CELL IMMUNITY. NMRI 89-0099

REGULATION OF INTERLEUKIN 3 GENE INDUCTION IN NORMAL HUMAN T CELLS. NMRI 89-0100

THYMUS GLAND

EFFECT OF D-MANNOSE ON THYMOCYTE PROLIFERATION INDUCED BY INTERLEUKIN-1. NMRI 89-0067

TRANQUILIZING AGENTS, MINOR

BIOCHEMICAL ANALYSIS OF CRM 66: A NONFUNCTIONAL PSEUDOMONAS AERUGINOSA EXOTOXIN A. NMRI 89-0074

TRANSPLANTATION

PRIMATE STUDIES WITH COMBINED GROWTH FACTOR THERAPIES. NMRI 89-0081
**TUMOR NECROSIS FACTOR**

<table>
<thead>
<tr>
<th>Role of Monokines in Altering Receptor and Non-Receptor Mediated Vascular Contraction in Sepsis</th>
<th>NMRI 89-0006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effect of Macrophage Inhibition in Carrageenan- and D-Galactosamine-Induced Sensitivity to Low-Dose Endotoxin</td>
<td>NMRI 89-0007</td>
</tr>
</tbody>
</table>

**TYPHOID**

<table>
<thead>
<tr>
<th>Use of a DNA Probe to Detect Salmonella Typhi in the Blood of Patients with Typhoid Fever</th>
<th>NMRI 89-0030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect Immunoglobulin G (IgG) and IgM Enzyme-Linked Immunosorbent Assays (ELISAs) and IgM Capture ELISA for Detection of Antibodies to Lipopolysaccharide in Adult Typhoid Fever Patients in Pakistan</td>
<td>NMRI 89-0038</td>
</tr>
</tbody>
</table>

**T4-LYMPHOCYTES**

| Role of the CD4 Receptor in Human T-Lymphocyte Signalling: Effects of HIV-1 Infection on Human T Cell Activation | NMRI 89-0065 |

**ULTRAVIOLET RAYS**

| Differential Sensitivity of Human Leukocyte Subpopulations to Ultraviolet Light | NMRI 89-0024 |

**VACCINES**

<table>
<thead>
<tr>
<th>DNA Sequence of the Gene Encoding a Plasmodium Falciparum Malaria Candidate Vaccine Antigen</th>
<th>NMRI 89-0072</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Sensitive and Specific DNA Probe for Plasmodium Yoelii</td>
<td>NMRI 89-0107</td>
</tr>
</tbody>
</table>

**VACCINES, SYNTHETIC**

<table>
<thead>
<tr>
<th>Immune Response Gene Regulation of Immunity to Plasmodium Berghei Sporozoites and Circumsporozoite Protein Vaccines: Overcoming Genetic Restriction with Whole Organism and Subunit Vaccines</th>
<th>NMRI 89-0023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunization of Saimiri Sciureus Boliviensis with Recombinant Vaccines Based on the Circumsporozoite Protein of Plasmodium Vivax</td>
<td>NMRI 89-0068</td>
</tr>
</tbody>
</table>

**VASCULAR RESISTANCE**

| Role of Monokines in Altering Receptor and Non-Receptor Mediated Vascular Contraction in Sepsis | NMRI 89-0006 |
VASOCONSTRICTION
ALTERATIONS IN HEPATIC AND AORTIC PHOSPHOLIPASE-C COUPLED RECEPTORS AND SIGNAL TRANSDUCTION IN RAT INTRAPERITONEAL SEPSIS.
NMRI 89-0004

VASOPRESSINS
ROLE OF MONOKINES IN ALTERING RECEPTOR AND NON-RECEPTOR MEDIATED VASCULAR CONTRACTION IN SEPSIS.
NMRI 89-0006

XENOBIOTICS
1988 TOXIC HAZARDS RESEARCH UNIT ANNUAL REPORT.
NMRI 89-0036