

SUBSPECIALTY PLATFORM SESSION

ADOLESCENT MEDICINE

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

MAGNOLIA B

(Embassy/Magnolia Center)

Moderators: Iris Litt, Kathleen Nelson and Mary Ann Shafer

1. 2:00 HUMAN PAPILLOMAVIRUS INFECTION OF THE CERVIX IN ADOLESCENTS. Walter D. Rosenfeld, Sten H. Vermund, Shirley Saed, Robert Burk (Spon. by Michael I. Cohen). Montefiore Med. Ctr./Albert Einstein Coll. of Med., Dept. of Pediatrics, Bronx, NY. (Abstract 28).
2. 2:15 DYSURIA: WHO NEEDS A PELVIC EXAMINATION? J. Meegan, A. Joffe, M. BenDebba (Spon. by C. DeAngelis). Johns Hopkins and Univ. of Maryland Dept. of Pediatrics, Baltimore, MD. (Abstract 20).
3. 2:30 CONTRACEPTIVE RISK-TAKING BEHAVIOR BY SEXUALLY ACTIVE ADOLESCENT FEMALES. Robert H. DuRant, Joe M. Sanders, Susan Jay, Charles W. Linder (Spon. by Albert W. Pruitt). Medical College of Georgia, Children's Medical Center, Dept. of Pediatrics, Augusta and Arkansas, Children's Hospital, Little Rock. (Abstract 8).
4. 2:45 PREVENTING ADOLESCENT PREGNANCY USING HEALTH EDUCATION COMPUTER GAMES, COMPUTER-ASSISTED INSTRUCTION (CAI) PROGRAMS. D.M. Paperny, J.R. Starn. Dept. of Pediatrics, Univ. of Hawaii School of Medicine, Honolulu, HI. (APA Abstract).
5. 3:00 ETHNIC DIFFERENCES IN PATIENT-PROVIDER INTERACTIONS IN PRENATAL CARE. Fernando S. Mendoza, Iris F. Litt, Nancy Moss, Elizabeth Brown, Helena C. Kraemer, Abe DeAnda. Stanford Univ., Dept. of Pediatrics, Stanford, CA. (Abstract 21).
6. 3:15 INFLUENCE OF PUBERTAL DEVELOPMENT ON THEOPHYLLINE KINETICS. Karen Hein, Ralph Dell, Nancy Reuben, Stephanie Ulrich. Depts. of Pediatrics, Albert Einstein College of Medicine and Columbia Univ., College of P&S, Bronx Municipal Hospital Center & Babies Hospital, NY. (Abstract 13).
7. 3:30 SEXUAL MATURATION IN MEXICAN-AMERICAN ADOLESCENTS: HISPANIC HEALTH AND NUTRITION EXAMINATION SURVEY. Sylvia F. Villarreal, Fernando Mendoza, Reynaldo Martorell (Spon. by Moses Grossman). Robert Wood Johnson Clinical Scholars Program., Univ. of California, San Francisco, and Dept. of Pediatrics, Stanford Univ., Stanford, CA. (Abstract 32).
8. 3:45 YOUNG ADOLESCENTS' SELF-ASSESSMENT OF SEXUAL MATURATION. B. Frankowski, P. Duke-Duncan, A. Guillot, D. McDougal, R. Wasserman, P. Young. Dept. of Pediatrics, Univ. of VT College of Medicine, Burlington, VT. (APA Abstract).

9. 4:00 PERCEPTIONS OF PUBERTY: ADOLESCENT AND PARENT RATINGS OF PUBERTAL STAGE. Lorah D. Dorn, Elizabeth J. Susman, Editha D. Nottelmann, George P. Chrousos. College of Human Development, The Pennsylvania State Univ., Univ. Park, PA, Laboratory of Developmental Psychology, National Inst. of Mental Health; Developmental Endocrinology, NICHD, Bethesda, MD. (Abstract 5).
10. 4:15 SHORT-TERM TESTOSTERONE THERAPY FOR PUBERTAL DELAY (PD). Darrell M. Wilson, Jocelyn Kei, Raymond L. Hintz, Ron G. Rosenfeld. Stanford Univ. School of Medicine, Dept. of Peds., Stanford, CA. (Abstract 33).
11. 4:30 FLUID BALANCE ABNORMALITY ON REFEEDING PATIENTS WITH ANOREXIA NERVOSA (AN). N. Vaisman, M. Rossi, E. Goldberg, M. Corey, P. Pencharz. Dept. of Pediatrics, Univ. of Toronto, Research Institute, The Hospital for Sick Children, Toronto, Ontario, Canada. (Abstract 30).
12. 4:45 LOW GROWTH HORMONE (GH) DUE TO DEFECTIVE ADRENERGIC RESPONSIVENESS IN ANOREXIA NERVOSA (AN), AN EARLY HYPOTHALAMIC DEFECT. M. Nussbaum, I. R. Shenker, S. Blethen, F. Chasalow, J. Feldman. State Univ. of New York at Stony Brook and the Schneider Children's Hospital of Long Island Jewish Medical Center, Dept. of Pediatrics, New Hyde Park, NY. (Abstract 22).
13. 5:00 ADVERSE PULMONARY EFFECTS OF INVOLUNTARY SMOKING ON ADOLESCENT ATHLETES. G. V. Tsimoyianis, J.G. Feldman, M. T. Santiago, I. R. Shenker, M. S. Jacobso (Spon. by Emile Scarpelli). SUNY at Stony Brook & Schneider Children's Hosp. of Long Island Jewish Med. Ctr, Dept. of Pediatrics, New Hyde Park, NY. (Abstract 29).
14. 5:15 PREDICTING AEROBIC CAPACITY IN ADOLESCENTS. Albert C. Hergenroeder, Robert Schoene (Spon. by Ralph Feigin). Baylor College of Medicine, Dept. of Pediatrics, Adolescent Medicine Division, One Baylor Plaza, Houston, TX. (Abstract 14).

SUBSPECIALTY PLATFORM SESSION

BEHAVIORAL PEDIATRICS

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

EMBASSY EAST

(Embassy/Magnolia Center)

Moderators: Stanford Friedman, Barbara Korsch and Marie C. McCormick

1. 2:00 THE DENVER DEVELOPMENTAL SCREENING TEST: HOW GOOD IS ITS PREDICTIVE VALIDITY? H.C. Bauchner, S.W. Greer. Boston Univ. School of Medicine, Boston, MA. (APA Abstract).
2. 2:15 CHILDREN EXPOSED TO METHADONE IN-UTERO: COGNITIVE ABILITY IN THE PRESCHOOL YEARS. Karol Kaltenbach, Loretta P. Finnegan. Jefferson Medical College of the Thomas Jefferson Univ., Dept. of Pediatrics, Philadelphia, PA. (Abstract 54).

3. 2:30 LANGUAGE DEVELOPMENT IN CHILDREN WITH ADVANCED PHYSICAL MATURATION. Bruce E. Wilson, Peggy McCardle (Spon. by Itzhak Brook). Walter Reed Army Med. Center, Dept. of Pediatrics, Washington, DC; and USUHS, Dept. of Pediatrics, Bethesda, MD. (Abstract 75).
4. 2:45 THE DEVELOPMENT AND STANDARDIZATION OF THE EINSTEIN ASSESSMENT OF SCHOOL-RELATED SKILLS- A TEST FOR PEDIATRIC USE. Ruth L. Gottesman, Frances M. Cerullo (Spon. by Herbert J. Cohen). Albert Einstein Coll. of Med., Dept. of Pediatrics, and Rose F. Kennedy Center, Bronx, NY. (Abstract 52).
5. 3:00 SCHOLASTIC APTITUDE AND ACHIEVEMENT AMONG CHILDREN WITH UNILATERAL BRAIN LESIONS. D.M. Aram, B.L. Ekelman (Spon. by M. Hack). Case Western Reserve Univ., Dept. of Pediatrics, Cleveland, OH. (Abstract 35).
6. 3:15 LIFE EVENTS, SOCIAL SUPPORT, AND CARDIOVASCULAR REACTIVITY IN ADOLESCENCE. W. Thomas Boyce, Barbara Sibley, Beth Chesterman. Univ. of California, San Francisco, Dept. of Pediatrics, San Francisco, CA. (Abstract 40).
7. 3:30 HUMAN GROWTH HORMONE AND THE FDA BAN: PSYCHOLOGICAL IMPACT. Tom Mazur, Richard R. Clopper, Margaret H. MacGillivray, Mary L. Voorhess, Linda Tubb, Anne Smith, Barbara Mills. SUNYAB, Buffalo Children's Hospital, Depts. of Pediatrics and Child Psychiatry, Buffalo, NY. (Abstract 60).
8. 3:45 FATHERS DURING LABOR: DO WE EXPECT TOO MUCH? Lauren Nagashima, Teresa Bertsch, Susan Dykeman, Susan McGrath, Terri DeLay, John Kennell. Case Western Reserve Univ., Rainbow Babies & Children's Hosp., Dept. of Pediatrics, Cleveland, OH. (Abstract 62).
9. 4:00 CRYING IN !KUNG INFANTS: DISTRESS SIGNALS IN A RESPONSIVE CONTEXT. R.G. Barr, R. Bakeman, M. Konner, L. Adamson. Depts. of Pediatrics (McGill), Psychology (Georgia State), and Anthropology (Emory) and Montreal Children's Hospital, QC, Canada. (APA Abstract).
10. 4:15 AUTONOMIC RESPONSE TO MOTHER'S VOICE IN NEWBORNS. William P. Fifer, Lisa M. Monti, Michael M. Myers, Brandon G. Yongue (Spon. by L. Stanley James). Columbia-Presbyterian Medical Center, Depts. of Psychiatry and Pediatrics, New York, NY. (Abstract 49).
11. 4:30 REDUCING THE SYMPTOMS OF INFANT COLIC BY INTRODUCTION OF A VIBRATION/SOUND BASED INTERVENTION. William E. Loadman, Kevin Arnold, Rita Volmer, Richard Petrella, Lous Z. Cooper,. Ohio St. Univ. Mt. Carmel Hosp., Child. Hosp., Columbia Univ. and St. Luke's-Roosevelt Hosp. (Abstract 59).
12. 4:45 EFFECTS OF PASSIVE SMOKING ON CHILDREN'S BEHAVIORAL AND COGNITIVE DEVELOPMENT. Marta H. Lifschitz, Geraldine S. Wilson, John J. Langone, Zulma Ulate, William D. Williamson, Baylor College of Medicine, Texas Children's Hospital, Dept. of Pediatrics, Houston, TX. (Abstract 57).

13. 5:00 MOTHER-INFANT FEEDING INTERACTION IN FULL-TERM SMALL-FOR-GESTATIONAL AGE (SGA) INFANTS. Mary K. Mullen, Cynthia Garcia Coll, Betty R. Vohr, Anna C. Muriel, William Oh. Brown Univ., Women & Infants Hosp., Dept. of Pediatrics, Providence, RI. (Abstract 61).
14. 5:15 MOTHERS RECOGNITION OF THEIR NEWBORNS BY OLFACTORY CUES. Arthur Eidelman, Marsha Kaitz, Anita Good, AnneMarie Rokem. Shaare Zedek Medical Center, Dept. of Neonatology, Hebrew Univ., Dept. of Psychology, Jerusalem, Israel. (Abstract 47).

SUBSPECIALTY PLATFORM SESSION

DEVELOPMENTAL BIOLOGY II

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

MARINA BALLROOM 4

(Hotel Convention Center)

Moderators: Seamus Rooney, Donald Shapiro and Mildred Stahlman

1. 2:00 SURFACTANT SYNTHESIS IN ISOLATED LUNG CELLS. Philip L. Ballard, Helen G. Liley, Linda W. Gonzales, Robert Ertsey, Samuel Hawgood. Dept. Peds., and Cardiovascular Research Institute, Univ. Calif. San Francisco, Dept. Peds., Mt. Zion Hosp., San Francisco, CA. (Abstract 221).
2. 2:15 ISOLATION AND EXAMINATION OF PUTATIVE TYPE II PNEUMOCYTE PRECURSORS. L. Bryan Cheshire, Joseph L. Joyave, Raymond D.A. Peterson, Raymond B. Hester, Gurmukh Singh, Sikandar L. Katyal, Jane D. Funkhouser. Depts. Biochem., Path., Peds., Univ. So. AL, Mobile, AL; Dept. Path., Univ. Pittsburgh, Pittsburgh, PA. (Abstract 232).
3. 2:30 PHOSPHATIDYLCHOLINE (PC) SECRETION BY CULTURED FETAL RAT TYPE II PNEUMOCYTES. April R. Dworetz, Mitchell J. Kresch, Seamus A. Rooney, Ian Gross. Yale Univ. Sch. of Med., Dept. of Pediatrics, New Haven, CT. (Abstract 236).
4. 2:45 EVIDENCE OF THE ROLE OF PROTEIN KINASE C IN PERINATAL DEVELOPMENT OF THE SURFACTANT SYNTHESIS. Mikko Hallman, Matti Romu. Univ. of Helsinki, Dept. of Pediatrics, Helsinki, Finland. (Abstract 253).
5. 3:00 B-ADRENERGIC AGONISTS AND cAMP ANALOGUES MARKEDLY INCREASE THE LEVELS OF SURFACTANT APOPROTEIN AND ITS mRNA AND INDUCE DRAMATIC MORPHOLOGIC CHANGES IN HUMAN FETAL LUNG IN VITRO. Janelle Odom, Jeanne M. Snyder, Vijayakumar Boggaram, Carole R. Mendelson (Spon. by Charles R. Rosenfeld). Cecil H. & Ida Green Ctr. Reprod. Biol. Sci., Univ. Texas Health Science Center, Dallas, TX. (Abstract 281).
6. 3:15 ALVEOLAR TYPE II CELL (TII) SYNTHESIS OF SATURATED PHOSPHATIDYLCHOLINE (SPC) IS DELAYED BY ENDOGENOUS AND EXOGENOUS ANDROGENS IN THE FETAL RAT IN VIVO. N.B. Swezey, J.S. Torday. Dept. of Pediatrics (Physiology), Harvard Medical School, Boston, MA. (Abstract 300).

7. 3:30 SYNTHESIS AND PROCESSING OF PULMONARY SURFACTANT PROTEOLIPID SPL (Phe) IN FETAL LUNG. Timothy E. Weaver, Stephan W. Glasser, Thomas R. Korfhagen, Kathryn Kropp, Tami Mateos-Pilot, Jean C. Clark, Jeffrey A. Whitsett. Dept. of Pediatrics, Univ. of Cincinnati, Cincinnati, OH and Abbott Laboratories, Abbott Park, IL. (Abstract 309).
8. 3:45 DIFFERENTIAL EFFECTS OF HIGH GLUCOSE ON FETAL LUNG MATURATION IN VITRO AS A FUNCTION OF GESTATIONAL AGE. Ira H. Gewolb (Spon. by A. Fleischman). Dept. of Peds., Albert Einstein College of Medicine, Bronx, NY. (Abstract 243).
9. 4:00 UPTAKE OF THE MAJOR SURFACTANT APOPROTEIN BY NEONATAL LUNG TISSUE. Jeanne M. Snyder, Helen R. Rodgers, Jean A. O'Brien, Heber C. Nielsen (Spon. by Charles Rosenfeld). Univ. of Tex. Southwestern Med. School, Depts. of Cell Biol., Ob-Gyn, Peds and the Cecil H. & Ida Green Ctr. for Reproductive Biology Sciences, Dallas, TX. (Abstract 297).
10. 4:15 MODULATION OF BETA-RECEPTOR BINDING BY CORTISOL, TRH AND BETA-AGONIST IN FETAL LAMB LUNG. David Warburton, Sue Buckley, Lance Parton, Terry Saluna. Dev. Lung Biology Research Center, Childrens Hospital of LA, Univ. of Southern California, Los Angeles, CA. (Abstract 308).
11. 4:30 EFFECT OF MECLOFENAMATE (M) ON FETAL BREATHING MOVEMENTS AND PULMONARY BLOOD FLOW. Renate D. Savich, Francisco A. Guerra, Chu-Ching H. Lee, Joseph A. Kitterman. Univ. of California, San Francisco, Cardiovascular Research Institute and Dept. of Pediatrics, San Francisco, CA. (Abstract 292).
12. 4:45 EFFECT OF CIMETIDINE AND ENDOTOXIN ON LUNG MICROSOMAL P450 ACTIVITY IN OXYGEN-TOXIC LAMBS. Thomas A. Hazinski, Patricia J. Hicks, Margaret L. France. Vanderbilt Univ. School of Medicine, Dept. of Pediatrics, Nashville, TN. (Abstract 254).
13. 5:00 HYPEROXIA CAUSES DISEQUILIBRIUM IN THE REGULATORS OF FIBRINOLYSIS IN THE LUNG. Lance Parton, David Warburton, C. Michael Bowman, Clarence Lloyd, Walter Laug. Dev. Lung Biol. Res. Ctr. Divs. Neonatology & Ped. Pulm. & Hem-Onc, Children's Hospital of LA., USC School of Medicine. (Abstract 282).
14. 5:15 SEX DIFFERENCES IN ANTIOXIDANT ENZYME DEVELOPMENT: MALE ADVANTAGE IN THE RABBIT. Ilene R.S. Sosenko, Lee Frank. Univ. Miami Sch. Medicine, Pulmonary Research and Neonatology, Depts. of Medicine and Pediatrics, Miami, FL. (Abstract 298).

SUBSPECIALTY PLATFORM SESSION

EPIDEMIOLOGY AND PREVENTIVE PEDIATRICS
Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.
MAGNOLIA C
(Embassy/Magnolia Center)

Moderators: Alan R. Fleischman, Seymour Grufferman and Thomas De Witt

1. 2:00 INCREASING DISEASE DUE TO B PERTUSSIS ASSOCIATED WITH DECLINING IMMUNIZATION RATES IN KANSAS CITY, MISSOURI. M.A. Jackson and J.E. Pennington. Dept. of Pediatrics, Univ. of Missouri-Kansas City, The Children's Mercy Hospital, Kansas City, MO. (APA Abstract).
2. 2:15 FREQUENCY OF INFECTIONS IN VARIOUS DAY CARE SETTINGS. Ellen Wald, Carol Byers, Barry Dashefsky. Univ. of Pgh. Sch. of Med., Children's Hospital of Pittsburgh, Pittsburgh, PA. (Abstract 536).
3. 2:30 A COMMUNITY-BASED CASE-CONTROL STUDY OF THE ASSOCIATION BETWEEN THE ATTENDANCE OF GROUP DAY CARE AND DISEASE DUE TO HAEMOPHILUS INFLUENZAE TYPE B (Hib). Eugene D. Shapiro (Spon. by J. Leventhal). Yale Univ. School of Medicine, Dept. of Pediatrics, New Haven, CT. (Abstract 532).
4. 2:45 THE NATURAL HISTORY OF CMV EXCRETION BY CHILDREN IN GROUP DAY CARE. J.R. Murph and J.F. Bale, Jr. Depts. of Pediatrics and Neurology, Univ. of Iowa, Iowa City, IA. (APA Abstract).
5. 3:00 CORRELATES OF FIRST TRIMESTER CARE IN A PUBLIC HEALTH DEPARTMENT PRENATAL CLINIC. J.M. Pascoe, M. Rohrer. Dept. of Pediatrics and Human Development and Family Practice, Michigan State University, East Lansing, MI. (APA Abstract).
6. 3:15 A HIGHER WEIGHT SPECIFIC FETAL MORTALITY RATE (FMR) CAN EXPLAIN LOWER NEONATAL MORTALITY RATE (NMR) IN BLACK PREMATURE INFANTS. Tonse N.K. Raju, Larry Seifert (Spon. by D. Vidyasagar). Univ. of Illinois Medical Center, Chicago, IL. (Abstract 528).
7. 3:30 NEWBORN HOSPITALIZATION: A CLOSER LOOK. William B. Pittard, Kitty M. Geddes. Dept. of Pediatrics, Medical Univ. of South Carolina, Charleston, SC. (Abstract 526).
8. 3:45 CHILD HOMICIDE IN COOK COUNTY, ILLINOIS: 1977-1982. K.K. Christoffel, N.K. Anzinger, D. Merrill. Dept. of Pediatrics, Children's Memorial Hospital and Northwestern Univ., Dept. of Geography, Univ. of IL, Chicago, IL. (APA Abstract).
9. 4:00 PREDICTION OF ACCIDENTS FROM CHILD BEHAVIOR SCORES. Polly E. Bijur, Jean Golding, David Rush. Albert Einstein College of Medicine, Dept. of Pediatrics, Bronx, NY; Univ. of Bristol, Dept. of Child Health, Bristol, U.K. (Abstract 494).

10. 4:15 AN ASSESSMENT OF PARAMETERS OF HEALTH CARE AND NUTRITION IN HOMELESS CHILDREN. P.J. Acker, A.H. Fierman, B.P. Dreyer. Dept. of Pediatrics, New York Univ. School of Medicine, Bellevue Hospital Center, New York, NY. (APA Abstract).
11. 4:30 THE INTERACTION OF IRON DEFICIENCY AND LEAD POISONING IN NORMAL CHILDREN, AN EPIDEMIOLOGICAL STUDY. Sergio Piomelli, Damaris Carriero, Carol Seaman. College of Physicians & Surgeons of Columbia Univ., Div. of Ped. Hematology/Oncology, New York, NY. (Abstract 525).
12. 4:45 SCREENING FOR IRON DEFICIENCY: RESULTS AND RISK FACTORS. R. Pantell, J. Mellema and the California Collaborative Office Based Research Group. American Academy of Pediatrics and Univ. of California, San Francisco, San Francisco, CA. (APA Abstract).
13. 5:00 CHILDHOOD PHYSICAL FITNESS TESTS: A PREDICTOR OF ADULT ACTIVITY LEVELS? B.A. Dennison, E. Charney. Dept. of Pediatrics, Sinai Hospital of Baltimore and Johns Hopkins Univ. School of Medicine, Baltimore, MD. (APA Abstract).
14. 5:15 INFLUENZA IN CHILDREN WITH CANCER. A. Kempe, C.B. Hall, N.E. MacDonald, H.R. Foye, E.D. Lewis, H.J. Cohen, B. Luke, C. Bulberg. Univ. of Rochester, Strong Mem. Hosp., Dept. of Ped., Rochester, NY and Univ. of Ottawa, Children's Hosp. of Eastern Ontario, Ottawa, Ontario, Canada. (Abstract 507).

SUBSPECIALTY PLATFORM SESSION

GENERAL PEDIATRICS AND PEDIATRIC EDUCATION
 Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.
 EMBASSY WEST
 (Embassy/Magnolia Center)

Moderators: Catherine DeAngelis, Charles Ginsberg and Fred Lovejoy

1. 2:00 ACETAMINOPHEN PROPHYLAXIS FOR DPT-POLIO IMMUNIZATION. Moshe M. Ipp, Ronald Gold. Univ. of Toronto, Hospital for Sick Children, Division of General Pediatrics, Toronto, Ontario, Canada. (Abstract 662).
2. 2:15 EFFECTIVENESS OF PRESCRIBING AN ANTIHISTAMINE-DECONGESTANT FOR YOUNG CHILDREN WITH THE COMMON COLD. N. Hutton, M.H. Wilson, E.D. Mellits, N.A. Holtzman, C. DeAngelis. Dept. of Pediatrics, The Johns Hopkins Univ. School of Medicine, Baltimore, MD. (APA Abstract).
3. 2:30 SULFONAMIDE PROPHYLAXIS VS. VENTILATION TUBES IN HEARING LOSS DUE TO RECURRENT OTITIS MEDIA WITH EFFUSION (R.O.M.E.): PRELIMINARY RESULTS OF A RANDOMIZED CONTROLLED TRIAL. W. Feldman, P. Bernard, A. Smith, R. Stenstrom. Children's Hospital of Eastern Ontario, Ottawa, Ontario, Canada. (APA Abstract).

4. 2:45 EFFICACY OF ADENOIDECTOMY FOR RECURRENT OTITIS MEDIA: RESULTS FROM PARALLEL RANDOM AND NONRANDOM TRIALS. Jack L. Paradise, Charles D. Bluestone, Kenneth D. Rogers, Floyd H. Taylor, D. Kathleen Colborn, Ruth Z. Bachman, Beverly S. Bernard, Clyde G. Smith, Sylvan E. Stool, Robert H. Schwarzbach. Univ. of Pittsburgh Sch. of Med., Depts. of Ped., Comm. Med., Otolaryng., Children's Hosp. of Pittsburgh, Pittsburgh, PA. (Abstract 674).
5. 3:00 A CLINICAL TRIAL OF PHYSICAL THERAPY (PT) IN SPASTIC DIPLEGIA. F.B. Palmer, B.K. Shapiro, R.C. Wachtel, J. Hiller, M.C. Allen, S. Harryman, L. Tislenko, C. Meinert, A.J. Capute. The Johns Hopkins Medical Institutions, Dept. of Pediatrics and Epidemiology, The Kennedy Institute, Baltimore, MD. (Abstract 673).
6. 3:15 HEALTH IN THE YEAR FOLLOWING DELIVERY AMONG LOW-INCOME WOMEN. Marie C. McCormick, J. Brooks-Gunn, Thomasina Shorter, John H. Holmes, Claudina Y. Wallace, Margaret E. Heagarty. Children's Hospital of Philadelphia, Dept. of Pediatrics, Philadelphia; Educational Testing Service, Princeton; Harlem Hosp. Medical Center, Dept. of Pediatrics, NY. (Abstract 670).
7. 3:30 A POPULATION - BASED STUDY OF CHILDREN EXPOSED TO CHLORIDE DEFICIENT FORMULA. Anne D. Willoughby, Barry I. Graubard, Peter M. Vietze, Anita M. Hocker, Carla Storr, Nancy F. Gist, George G. Rhoads (Spon. by Sumner Yaffe). NICHD, NIH, Bethesda, MD. (Abstract 687).
8. 3:45 USE OF HAEMOPHILUS VACCINE IN CONNECTICUT. Eugene D. Shapiro, Judy Lichtman, Lyle Petersen, James Hadler (Spon. by J. Leventhal). Yale School of Medicine, Dept. of Pediatrics, New Haven, CT. (Abstract 682).
9. 4:00 CORRELATION OF LEAD, EP AND IRON STATUS IN A MULTI-RACIAL POPULATION SURVEY. John W. Graef, Katherine Halvorsen, Yona Amitai, Margaret Pfitzer. Harvard Medical School, The Children's Hospital, Division of Clinical Pharmacology and Toxicology, and Developmental Evaluation Clinic, Boston, MA. (Abstract 660).
10. 4:15 MAGNETIC RESONANCE IMAGING (MRI) IN THE EVALUATION OF JUVENILE RHEUMATOID ARTHRITIS (JRA). Bram H. Bernstein, Melvin O. Senac, Drew Deutsch, John Crues, Deborah McCurdy, Thomas J. Lehman. Univ. of Southern California, Children's Hospital of Los Angeles, Division of Rheumatology and Dept. of Radiology, and Cedars Sinai Hospital, Dept. of Radiology. (Abstract 652).
11. 4:30 COMPARISON OF REFLEX MODIFICATION AUDIOMETRY AND BRAINSTEM EVOKED RESPONSE AUDIOMETRY IN HIGH-RISK PREMATURE INFANTS. Michelle E. Cohen, Endla K. Anday, Nancy E. Kelley, Howard S. Hoffman (Spon. by Maria Delivoria-Papadopoulos). Bryn Mawr College, Dept. of Psych., and Univ. of PA, School of Medicine, Dept. of Pediatrics, Philadelphia, PA. (Abstract 657).

12. 4:45 DIAGNOSTIC EFFICACY OF THE TOTAL PERIPHERAL WBC COUNT IN CHILDREN SUSPECTED OF CNS INFECTION. Robert M. Lembo, David H. Rubin, Paul L. McCarthy. Yale Univ., Yale-New Haven Hospital, New Haven, CT and Case-Western Reserve Univ., Cleveland Metropolitan General Hosp., Dept. of Pediatrics, Cleveland, OH. (Abstract 668).
13. 5:00 THE EXTENDED CSF WHITE CELL DIFFERENTIAL IN THE PREDICTION OF THE ETIOLOGY OF MENINGITIS. A.M. Lenane and R.C. Baker. Dept. of Pediatrics, Univ of Cincinnati College of Medicine, Cincinnati, Children's Hospital Medical Center, Cincinnati, OH. (APA Abstract).
14. 5:15 RISK FACTORS AFFECTING THE SURVIVAL OF PERIPHERAL INTRAVENOUS LINES IN INFANTS. Stephanie J. Phelps, Richard A. Helms. (Spon. by Bruce S. Alpert). The Univ. of Tennessee, Memphis and Le Bonheur Children's Medical Center, Dept. of Clinical Pharmacy, Memphis, TN. (Abstract 677).

SUBSPECIALTY PLATFORM SESSION

INFECTIOUS DISEASES II

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

SOUTH BALLROOM

(Hotel Convention Center)

Moderators: Ann Arvin and Martin G. Myers

1. 2:00 SURVEILLANCE AND TRANSMISSION OF ROTAVIRUS IN CHILDREN IN DAY CARE CENTERS (DCC) IN HOUSTON. Larry K. Pickering, Alfred V. Bartlett, Jr., Randall R. Reves. Univ. of TX Med. Sch., Prog. in Infect. Dis. and Dept. Pediatrics, Houston, TX. (Abstract 949).
2. 2:15 ENTERIC ADENOVIRUS AS A CAUSE OF OUTPATIENT DIARRHEA IN BALTIMORE CHILDREN. Karen L. Kotloff, Genevieve A. Losonsky, Nalini Singh-Naz, J. Glenn Morris, Jr., Myron M. Levine (Spon. by Felix P. Heald). Center for Vaccine Development, Division of Infectious Diseases, Dept. of Pediatrics, U. of Maryland, Baltimore, MD. (Abstract 924).
3. 2:30 PROTECTION AFFORDED BY WC3 ROTAVIRUS VACCINE AGAINST NATURAL (PREDOMINANTLY SEROTYPE 1) ROTAVIRUS INFECTION IN A PLACEBO-BLINDED EFFICACY TRIAL. H. Fred Clark, Frances Borian, Louis M. Bell, Karen Modesto, Andrew Fieo, Stanley A. Plotkin. Division of Infectious Diseases, The Children's Hospital of Philadelphia and The Wistar Institute, Philadelphia, PA. (Abstract 897).
4. 2:45 ROLE OF VIRUS SPECIFIC IgE IN THE RELEASE OF LEUKOTRIENE C4 (LTC4) IN NASOPHARYNGEAL SECRETIONS (NPS) OF INFANTS WITH RESPIRATORY SYNCYTIAL VIRUS (RSV) INFECTION. B. Volovitz, R. Welliver, D. Krystofik, P.L. Ogra. SUNY at Buffalo, Dept. of Pediatrics, Children's Hospital of Buffalo, NY. (Abstract 981).

5. 3:00 CORRELATION BETWEEN RESPIRATORY SYNCYTIAL VIRUS (RSV) GLYCOPROTEIN SPECIFIC MATERNAL ANTIBODIES AND RSV DISEASE OF INFANTS. Stephen W. Hildreth, Robert B. Belshe, Peter R. Paradiso, David H. Smith. Praxis Biologics, Rochester, NY; Marshall Univ. Dept. of Medicine, Huntington, WV. (Abstract 917).
6. 3:15 ANTIBODY MEDIATED ENHANCEMENT (AME) OF RESPIRATORY SYNCYTIAL VIRUS (RSV) INFECTION IN A MACROPHAGE-LIKE CELL LINE (P388D1). Leonard R. Krilov, Loretta Marcoux, Lynda Hatam, Josiah Wedgwood (Spon. by P. Lipsitz). SUNY at Stony Brook & Schneider Children's Hosp. of LIJ Med. Ctr., Dept. Peds., New Hyde Park, NY. (Abstract 928).
7. 3:30 SAFETY AND IMMUNOGENICITY OF LIVE ATTENUATED INFLUENZA VACCINES IN INFANTS AND CHILDREN. Mark C. Stienhoff, Neal A. Halsey, Modena Wilson, Mark Snyder, Brian R. Murphy, Mary Lou Clements. Johns Hopkins Univ., Center for Immunization Research, Baltimore, and Laboratory of Infectious Diseases, NIAID, NIH, Bethesda, MD. (Abstract 969).
8. 3:45 THE NATURAL HISTORY OF CMV EXCRETION BY CHILDREN IN GROUP DAY CARE. Jody R. Murph, James F. Bale, Jr., (Spon. by Charles Grose). Univ. of Iowa College of Medicine, Dept. of Pediatrics and Neurology, Iowa City, IA. (Abstract 941).
9. 4:00 CYTOTOXIC CELL-MEDIATED IMMUNE (CMI) RESPONSES ASSOCIATED WITH CYTOMEGALOVIRUS (CMV) INFECTION AND FETAL WASTAGE. Christopher J. Harrison, Martin G. Myers. Children's Hospital Res. Fnd., Univ. of Cincinnati, Cincinnati, OH. (Abstract 913).
10. 4:15 COMPARISON OF VACCINE-INDUCED AND NATURAL IMMUNITY TO HUMAN CYTOMEGALOVIRUS (CMV). Stanley A. Plotkin, Stuart E. Starr, Harvey M. Friedman, Eva Gonczol. The Children's Hospital Division of Infectious Diseases and The Wistar Institute, Philadelphia, PA. (Abstract 951).
11. 4:30 LIVE ATTENUATED VARICELLA VACCINE: USE IN HEALTHY ADULTS. Anne Gershon, Sharon Steinberg, Philip LaRussa, Philip Oh, Lawrence Gelb. NIAID Varicella Vaccine Collaborative Study Group. Dept. Pediatrics, Columbia Univ. College of Physicians & Surgeons, NY, NY, & Dept. Medicine Wash U., St. Louis, MO. (Abstract 909).
12. 4:45 HERPES SIMPLEX VIRUS GLYCOPROTEINS AS TREATMENT FOR RECURRENT GENITAL HERPETIC INFECTION. Lawrence R. Stanberry, Rae Lyn Burke, Martin G. Myers. Children's Hospital Research Foundation, Univ. of Cincinnati, Cincinnati, OH and Chiron Corporation, Emeryville, CA. (Abstract 968).
13. 5:00 A PROSPECTIVE STUDY OF PREGNANT WOMEN TO DETERMINE PREVALENCE AND RISK FACTORS OF ASYMPTOMATIC INFECTION WITH HERPES SIMPLEX VIRUS (HSV) TYPE 2 AND THE RISK OF SHEDDING VIRUS AT DELIVERY. L.M. Frenkel, J.P. Shen, E. Garratty, Y.J. Bryson. UCLA Sch. of Med., Los Angeles, CA. (Abstract 908).
14. 5:15 COMBINATION ANTIVIRAL CHEMOTHERAPY IN A MURINE MODEL OF NEONATAL HERPES. James C. Overall, Jr., Peggy E. Vogt, Earl R. Kern. Univ. of Utah School of Medicine, Dept. of Pediatrics, Salt Lake City, UT. (Abstract 947).

SUBSPECIALTY PLATFORM SESSION

METABOLISM AND DIABETES II

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

MARINA BALLROOM 3

(Hotel Convention Center)

Moderators: Lewis Barnes and William A. Gahl

1. 2:00 GROWTH HORMONE (GH) THERAPY: EFFECTS ON IN VITRO ADIPOCYTE INSULIN (I) SENSITIVITY CORRELATE WITH ANTHROPOMETRIC RESPONSE. M. Rosenbaum, J.M. Gertner, J.W. Temeck, R.L. Leibel. Dept. of Pediatrics, Cornell Medical College, Rockefeller Univ., New York, NY. (Abstract 1035).
2. 2:15 ENDOGENOUS INSULIN (EI) IS ANTIGENIC IN MOST INSULIN DEPENDENT DIABETICS (IDD). Shirish C. Shah, John I. Malone, Norma E. Simpson. Univ. of South Florida, Dept. of Pediatrics, Tampa, FL. (Abstract 1041).
3. 2:30 CHRONIC GLUCOSE INFUSION INHIBITS BETA-RECEPTOR MATURATION AND THE RESPONSE TO BETA-AGONIST IN FETAL LAMB LUNG. David Warburton, Lance Parton, Sue Buckley, Lina Cosico, Greg Enns, Terry Saluna. Developmental Lung Biology Research Center, Children's Hospital of Los Angeles, Univ. of Southern California, Los Angeles, CA. (Abstract 1054).
4. 2:45 SERUM GLYCOSYLATED PROTEINS (GP): PREDICTORS OF MATERNAL-FETAL HYPERGLYCEMIA AND FETAL B.WT.? Geeti Ghosh, R.S. Pildes, Samuel Richton. Cook County Hospital, Division of Neonatology, Univ. of Illinois, Chicago, IL. (Abstract 1008).
5. 3:00 METABOLISM OF C-PEPTIDE IN THE PREGNANT RHESUS MONKEY. Phillip A. Gruppuso, John B. Susa, Prabhat Sehgal, Bruce Frank, Robert Schwart. Dept. of Pediatrics, Brown Univ., Providence, RI, New England Primate Center, Eli Lilly Co. (Abstract 1010).
6. 3:15 THE EXAGGERATED "DIABETOGENIC STATE" OF PREGNANCY: EXOGENOUS PLACENTAL LACTOGEN (PL) ACCELERATES FETAL GROWTH IN THE RAT. James W. Collins, Jr., Sandra L. Finley, Daniel Merrick, Edward S. Ogata. Northwestern Univ. Medical School, Depts. of Pediatrics and Ob/Gyn, Chicago, IL. (Abstract 1001).
7. 3:30 DIRECT ASSOCIATION OF MATERNAL GLYCEMIC CONTROL (HBAIC) WITH FETAL ERYTHROPOIETIN (EP) IN DIABETIC PREGNANCY. John A. Widness, Kari A. Teramo, Gisela K. Clemons, Petri Voutilainen, Sonja M. McKinlay, Robert Schwartz. Brown Univ., Depts. of Peds. & Comm. Med., Providence, RI; Univ. of Helsinki, Dept. of Ob/Gyn, Helsinki; LB Labs, Univ. of California, Berkeley, CA. (Abstract 1056).
8. 3:45 HEPATIC DRUG METABOLISM IS INCREASED IN POORLY CONTROLLED INSULIN DEPENDENT DIABETES MELLITUS (IDDM). Paul Saenger. Albert Einstein College of Medicine, Dept. of Pediatrics, Bronx, NY. (Abstract 1037).

9. 4:00 CHRONIC RENAL DISEASE IN TYPE I GLYCOGEN STORAGE DISEASE. Yuan-Tsong Chen, Rosalind A. Coleman, Jon I. Scheinman, James B. Sidbury. Duke Univ. Medical Center, Dept. of Pediatrics, Durham, NC, National Institute of Child Health and Human Development, Human Genetics Branch, Bethesda, MD. (Abstract 1000).
10. 4:15 COMPARISON OF GLUCOSE AND UNCOOKED CORNSTARCH INFUSED OVERNIGHT IN CHILDREN WITH GLYCOGEN STORAGE DISEASE TYPE 1. Frederick W. Schwenk, Morey W. Haymond. Mayo Medical School, Rochester, MN. (Abstract 1039).
11. 4:30 GLYCOGEN SYNTHESIS FOLLOWING INGESTION OF A CARBOHYDRATE MEAL OCCURS PRIMARILY VIA THE INDIRECT PATHWAY IN OVERNIGHT FASTED MAN. W. Frederick Schwenk, Keith Triebwasser (Spon. by Morey W. Haymond). Mayo Medical School, Rochester, MN and Proctor and Gamble Co., Cincinnati, OH. (Abstract 1040).
12. 4:45 THE GALACTOSE-GLUCOSE "PARADOX" IN NEONATAL MURINE HEPATIC GLYCOGEN SYNTHESIS. C. Kunst, R. Kliegman, C. Trindade. Case Western Reserve Univ., Dept. Peds., Cleveland, OH. (Abstract 1020).
13. 5:00 EFFECT OF SALICYLIC ACID ON THE OXIDATION OF FATTY ACIDS CATABOLISM IN RAT LIVER MITOCHONRIAL - PEROXISOMAL FRACTION. Yoshihiro Yoshida, Inderjit Singh (Spon. by Eduardo H. Garin). Dept. of Peds., Medical Univ. of South Carolina, Charleston, SC. (Abstract 1059).
14. 5:15 EFFECT OF LOVASTATIN ON LIPOPROTEINS AND LDL KINETICS IN HOMOZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA (FH). R. Uauy, G.L. Vega, D.W. Bilheimer, S.M. Grundy (Spon. by J.B. Warshaw). Univ. of Texas, Depts. of Pediatrics and Clinical Nutrition, Dallas, TX. (Abstract 1053).

SUBSPECIALTY PLATFORM SESSION

NEONATAL CARDIOLOGY

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

NORTH BALLROOM

(Hotel Convention Center)

Moderators: Page Anderson and William Berman, Jr.

1. 2:00 PDA: ROLE OF CATECHOLAMINES AND INCREASED CONTRACTILE STATE. R.I. Clyman, D. Teitel, J. Padbury, C. Roman, F. Mauray. CVRI and Depts. Peds., Mt. Zion Hospital, UCSF and UCLA-Habor, CA. (Abstract 1259).
2. 2:15 THE EFFECTS OF FETAL ADRENALECTOMY ON CATECHOLAMINE (CA) RELEASE AND CIRCULATORY ADJUSTMENTS AT BIRTH. James F. Padbury, Youtaro Agata, John K. Ludlow, James A. Humme. UCLA Sch. of Med., Harbor-UCLA Med. Cntr., Dept. of Ped., Torrance, CA. (Abstract 1277).

3. 2:30 ADRENAL CATECHOLAMINE (CAT): A RELATIONSHIP TO BASAL LEFT VENTRICULAR (LV) PERFORMANCE AND CONTRACTILITY IN NEWBORN LAMBS. Barry Baylen, Yotaro Agata, James Padbury, George Emmanouilides. UCLA School of Med., Harbor-UCLA Medical Center, Dept. of Pediatrics, Torrance, CA. (Abstract 1250).
4. 2:45 FURTHER EVIDENCE FOR A DOPAMINERGIC EFFECT IN THE PULMONARY CIRCULATION. B.W. Goetzman, S.H. Bennett, E. Ezzedeen. Division of Neonatology, Univ. of California, Davis. (Abstract 1267).
5. 3:00 EFFECTS OF ACUTE HYPOXEMIA ON FETAL LAMB RIGHT (RV) AND LEFT (LV) VENTRICULAR STROKE VOLUME (SV). Mark D. Reller, Mark J. Morton, Deborah L. Reid, Kent L. Thornburg (Spon. by Cecille O. Sunderland). Oregon Health Sciences Univ., Depts. of Pediatrics, Med. (Cardiology), and Physiology, Portland, OR. (Abstract 1281).
6. 3:15 ONTOGENY OF DIABETIC CARDIOMYOPATHY. J.C. Veille, M. Sivakoff, A.A. Fanaroff. Case Western Reserve Univ., Depts. of Pediatrics & Reproductive Biol., Cleveland, OH. (Abstract 1294).
7. 3:30 LEFT VENTRICULAR FUNCTION AND FATTY ACID METABOLISM IN THE NEONATAL PIGLET HEART. Robert Ascutto, Nancy Ross-Ascutto, Victor Chen, S. Evans Downing. Yale Univ. Sch. of Med., Depts. of Pediatrics and Pathology, New Haven, CT. (Abstract 1249).
8. 3:45 EFFECT OF INTESTINAL DENERVATION ON NEONATAL INTESTINAL BLOOD FLOW AND O₂ UPTAKE DURING HYPOXEMIA. P. Nowicki, D. Caniano, K. Szaniszlo (Spon. by G. Morrow). Depts. Peds. and Ped. Surg., Ohio State U and Children's Hospital, Columbus, OH. (Abstract 1276).
9. 4:00 SYSTEMIC AND LOCAL CARDIOVASCULAR RESPONSES TO OXYGENATION IN THE IMMATURE PRETERM LAMB. M.R. Wolfson, N. Tran, M. Alsberge, R.F. Tuma, T.H. Shaffer (Spon. by W.W. Fox). Dept. of Physiology, Temple Univ. School of Medicine, Phila., PA; Rolling Hill Hospital, Elkins Park, PA. (Abstract 1298).
10. 4:15 DIFFERENCES IN, IN VITRO, PROSTACYCLIN (PGI₂) PRODUCTION IN THE MOTHER AND FETUS. Charles R. Rosenfeld, Ronald R. Magness, Daniel J. Faucher, Murray D. Mitchell, Tim Roy. Depts. of Ped. and OB-GYN, Univ TX, Southwestern Med. Sch., Dallas, TX. (Abstract 1283).
11. 4:30 PROSTAGLANDIN SYNTHESIS IN FETAL DUCTUS ARTERIOSUS PULMONARY ARTERY AND AORTA ENDOTHELIAL AND SMOOTH MUSCLE CELLS. Marlene Rabinovitch, Nancy Boudreau, Flavio Coceani, George Vella, Peter M. Olley. Univ. of Toronto, The Hospital for Sick Children, Dept. of Cardiology, Toronto, Canada. (Abstract 1280).
12. 4:45 EFFECT OF PROPHYLACTIC INDOMETHACIN (I) ON CEREBRAL BLOOD FLOW VELOCITY (CBFV). W. Allen Blalock, Carl H. Coghill, Daniel P. Lindstrom, Robert B. Cotton. Vanderbilt Univ. Sch. of Med., Dept. of Ped., Nashville, TN. (Abstract 1256).
13. 5:00 RESPIRATORY EFFECTS OF A PDA. Julio Perez Fontan, Ronald I. Clyman, Francoise Mauray, Michael A. Heymann. UC, San Francisco, Cardiovascular Research Institute, San Francisco, CA. (Abstract 1278).

14. 5:15 ALTERATION OF PULMONARY ARTERIAL CONNECTIVE TISSUE PROPERTIES FOLLOWING VENTRICULAR SEPTAL DEFECT IN LAMBS. Mark M. Boucek, Philip J. Roos, Anna Minto, Marlene Rabinovitch, Steven Moss. Univ. of Utah, Loma Linda Univ. and Hospital for Sick Children, Toronto. (Abstract 1257).

SUBSPECIALTY PLATFORM SESSION

NEONATAL IMMUNOLOGY AND HEMATOLOGY

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

MARINA BALLROOM 1

(Hotel Convention Center)

Moderators: F. Sessions Cole and Harry R. Hill

1. 2:00 EFFECT OF BREAST FEEDING ON THE DEVELOPMENT OF IMMUNOLOGIC REPERTOIRE IN THE NEONATE: POTENTIAL IMPLICATION OF ANTI-IDIOTYPIC IMMUNITY IN THE REGULATION OF IgE. Yoshitaka Okamoto, Joachim Freihorst, Pearay L. Ogra. SUNY at Buffalo, Dept. of Pediatrics and Microbiology, Children's Hospital, Buffalo, NY. (Abstract 1420).
2. 2:15 CAN SERUM IMMUNOGLOBULIN E(IgE) PREDICT CLINICAL COURSE IN INFANTS WITH BRONCHOPULMONARY DYSPLASIA (BPD)? Arun K. Pramanik, Betina Hillman, John J. Herbst. LSI Med. Center, Dept. of Pediatrics, Shreveport, LA. (Abstract 1424).
3. 2:30 A HUMAN IMMUNOGLOBULIN G (IgG) SUBCLASS, IgG3, IS OPSONIC AGAINST TYPE III GROUP B STREPTOCOCCUS (GBS). Kwang Sik Kim, Jung S. Kim, Carol A. Wass, Jeff A. Short, Douglas C. Heiner. Childrens Hospital of Los Angeles, Dept. Pediatrics, Los Angeles, CA and Harbor-UCLA Medical Center. Dept. Pediatrics, Torrance, CA. (Abstract 1413).
4. 2:45 INTRAVENOUS IMMUNOGLOBULIN(IVIG) IN NEONATAL ISOIMMUNE THROMBOCYTOPENIA (NIT). Gita V. Massey, Nancy B. McWilliams, Dawn G. Mueller, Anthony Napolitano, Harold M. Maurer. Medical College of Virginia, Children's Medical Center, Richmond, VA. (Abstract 1414).
5. 3:00 RADIATION SENSITIVE SUPPRESSOR CELLS INHIBIT GAMMA INTERFERON (IFN-GAMMA) PRODUCTION IN NEWBORNS. Albert Haas, Susan Plaeger-Marshall, Bonnie J. Ank, Audrey M. Martin, Loran T. Clement, E. Richard Stiehm. Dept. of Pediatrics, UCLA Medical Center, Los Angeles, CA. (Abstract 1407).
6. 3:15 EFFECT OF Gamma-INTERFERON (GammaIFN) AND TUMOR NECROSIS FACTOR (TNF) ON THE EXPRESSION OF MAJOR HISTO-COMPATIBILITY (MHC) CLASS I AND CLASS II ANTIGENS. Josiah Wedgwood, Linda Hatam, Buenvenito Pernis, Lloyd Old, Vincent Bonagura (Spon. by Philip Lipsitz). SUNY at Stony Brook & Schneider Children's Hosp. of Long Island Jewish Med. Ctr., Dept. of Peds., New Hyde Park, NY and Columbia College of Physicians and Surgeons, Dept. of Med., New York, NY, and Memorial Sloan-Kettering Cancer Ctr., New York, NY. (Abstract 1431).

7. 3:30 COMPARABLE ACCUMULATION OF LYMPHOTOXIN (LT) AND TUMOR NECROSIS FACTOR (TNF) mRNA BUT NOT INTERFERON-GAMMA (IFNGAMMA) mRNA IN CORD AND ADULT BLOOD MONONUCLEAR CELLS (MC). B. Keith English, Sandra K. Burchett, Christopher B. Wilson. Univ. of Washington, Children's Hospital and Med. Center, Dept. of Pediatrics, Seattle, WA. (Abstract 1406).
8. 3:45 PREFERENTIAL REPLICATION OF HERPES SIMPLEX VIRUS IN PLACENTAL MACROPHAGES. Susan Plaeger-Marshall, Bonnie J. Ank, E. Richard Stiehm. Dept. of Pediatrics, UCLA Med. Center, Los Angeles, CA. (Abstract 1423).
9. 4:00 HYPEROXIA (H) IMPAIRS NEWBORN ALVEOLAR MACROPHAGE (AM) PROLIFERATION AFTER BIRTH. Michael P. Sherman, Michael J. Evans, Laurie A. Campbell. Univ. of Calif., UCLA Med. Cntr., Dept. of Ped. and Med., Los Angeles. (Abstract 1428).
10. 4:15 CULTURE MEDIUM OXYGEN TENSION AFFECTS FIBRONECTIN PRODUCTION IN ADULT (AD) AND CORD BLOOD (CB) MONOCYTE-DERIVED MACROPHAGES (MDM). Mervin Yoder, Thomas Lanker, William Engle (Spon. by Richard Schreiner). Indiana University School of Medicine, Indiana Univ. Hosp., Dept. of Ped., Indianapolis, IN. (Abstract 1432).
11. 4:30 IDENTIFICATION AND QUANTITATION OF SUBCELLULAR LOCATIONS OF MAC-1 (COMPLEMENT RECEPTOR-3) IN NEONATAL NEUTROPHILS. Douglas H. Jones, Frank C. Schmalsteig, Helen E. Rudloff, Bean L. Burr, C. Wayne Smith, Candace L. Smith, Cecilia Prieto, David K. Dennison, Donald C. Anderson. Dept. of Pediatrics, Baylor College of Medicine, Houston, TX, and Univ. of Texas Medical Branch, Galveston, TX. (Abstract 1410).
12. 4:45 HEPARIN HAS A GREATER ANTICOAGULANT EFFECT IN NEONATAL THAN IN ADULT PLASMA. Barbara Schmidt, Fred Ofosu, Maureen Andrew (Spon. by Ronald G. Davidson). McMaster Univ., Depts. of Pediatrics and Pathology, Hamilton, Ontario, Canada. (Abstract 1426).
13. 5:00 FETAL SERUM ERYTHROPOIETIN (Ep) BEFORE BIRTH IN NORMAL FETUSES AND THOSE WITH RH HEMOLYTIC DISEASE. Fernando R. Moya, Peter Grannum, John Widness, Gisela Clemons, Joshua Copel, Angela Scioscia, John Hobbins (Spon. by Ian Gross). Yale Med. Sch., Dept. Ped., Ob/Gyn, New Haven, CT, Brown Univ, Dept Ped, Providence, RI, Law.; Berkeley Lab, Berkeley, CA. (Abstract 1416).
14. 5:15 CIRCULATING ERYTHROID BURSTS (BFU-E) IN THE ANEMIA OF PREMATURITY (AOP). Kevin M. Shannon, Gordon S. Naylor, Joseph C. Torkildson, Gisela K. Clemons, Vann Schaffner, Steven Goldman, Kathleen Lewis, Roderic H. Pibbs. Naval Hosp., Oakland, CA; Children's Hospital of San Francisco and the Univ. of Calif. at Berkeley and San Francisco, Depts. of Pediatrics, CA. (Abstract 1427).

SUBSPECIALTY PLATFORM SESSION

NEONATAL NUTRITION & METABOLISM

Thursday, April 30, 1987; 2:00 P.M. - 5:30 P.M.

MARINA BALLROOM 2
(Hotel Convention Center)

Moderators: Steven J. Gross and Edward S. Ogata

1. 2:00 EFFECTS OF HYPOCALORIC ENTERIC ALIMENTATION ON NEONATAL GASTROINTESTINAL FUNCTION. S. Hulman, L. Dunn, J. Weiner, R. Kliegman. Case Western Reserve Univ., Dept. of Pediatrics, Cleveland, OH. (Abstract 1535).
2. 2:15 FEEDING TOLERANCE AND NECROTIZING ENTEROCOLITIS (NEC): EFFECT OF EARLY FEEDING TO STIMULATE GASTROINTESTINAL (GI) FUNCTION. Terri Slagle, Steven J. Gross. SUNY Health Science Center, Dept. of Pediatrics, Syracuse, NY. (Abstract 1585).
3. 2:30 IN-VIVO BRAIN OXIDATIVE METABOLISM IN PRETERM AND TERM INFANTS. Barry Lawson, Rey-In Lien, Ronnie Guillet, Barbara Medoff-Cooper, Maryanne Bryer, Donald Younkin, Teresa Sinnwell, Britton Chance, Maria Delivoria-Papadopoulos. Univ. of Pennsylvania School of Medicine, Dept. of Pediatrics, Philadelphia, PA. (Abstract 1548).
4. 2:45 WHOLE BODY PROTEIN TURNOVER IN THE GROWING ANIMAL. Eva Tsalikian (Spon. by Jean E. Robillard). Univ. of Iowa College of Medicine, Dept. of Pediatrics, Iowa City, IA. (Abstract 1589).
5. 3:00 BIOAVAILABILITY OF MINERALS IN PRETERM INFANTS FED SELECTED HUMAN MILK FORTIFIERS. Richard J. Schanler, Cutberto Garza. USDA/ARS Children's Nutrition Research Center, Dept. of Pediatrics, Baylor College of Medicine, Houston, TX. (Abstract 1580).
6. 3:15 GROWTH AND METABOLIC RESPONSES IN VERY-LOW-BIRTH-WEIGHT (VLBW) INFANTS FED WITH ULTRAFILTRATED HUMAN MILK PROTEIN FORTIFIED FRESH BREAST MILK: A MODEL FOR OPTIMAL FEEDING OF VLBW-INFANTS? S.K. Polberger, I.E. Axelsson, N.C. Raiha (Spon. by Leo Stern). Univ. of Lund, Dept. of Pediatrics, Malmo, Sweden. (Abstract 1571).
7. 3:30 TRANSMISSION ULTRASONICS TO ASSESS BONE STATUS IN THE HUMAN NEWBORN. Linda L. Wright, Michael J. Glade, Jay Gopal (Spon. by Allen D. Schwartz). Univ. of Maryland School of Medicine, Dept. of Pediatrics, Baltimore, MD, Univ. of Maryland, Dept. of Animal Science, College Park, MD. (Abstract 1599).
8. 3:45 PROLONGED FETAL HYPERINSULINEMIA (HI) REDUCES ARTERIAL ARACHIDONIC ACID (AA) AND THROMBOXANE B2 (Tx) CONCENTRATIONS. Barbara S. Stonestreet, Paul L. Ogburn, Marshall Goldstein, William Oh, John A. Widness. Brown Univ., Dept. of Pediatrics and Obstetrics, Women & Infants Hospital, Providence, RI. (Abstract 1587).

9. 4:00 ALTERED GLUCOREGULATION IN NEWBORN RATS WITH GROUP B STREPTOCOCCAL (GBS) SEPSIS. Dietra D. Millard, James F. Padbury, Sandra L. Finley, Edward S. Ogata. Depts. of Pediatrics, Northwestern Univ. and UCLA Medical Schools, Chicago, IL and Los Angeles, CA. (Abstract 1556).
10. 4:15 MEDIUM CHAIN FATTY ACIDS (MCFA) ARE ABSORBED DIRECTLY FROM THE STOMACH OF PREMATURE INFANTS. Margit Hamosh, Joel Bitman, Nitin R. Mehta, Teresa H. Liao, Robert F. Buczek, Lawrence J. Grylack, Paul Hamosh (Spon. by Pedro A. Jose). Depts. of Pediatrics, Physiology and Biophysics, Georgetown Univ. Medical Center, Washington, DC and USDA Agricultural Research Services, Beltsville, MD. (Abstract 1531).
11. 4:30 MEDIUM CHAIN FATTY ACIDS (MCFA) IN THE SYSTEMIC CIRCULATION OF THE PREMATURE INFANT. V. Carnielli, M. Dunn, A.T. Shennan, M. Skidmore, A. Ohlsson, E. Hoskins, M. Rapp, T. Heim. Dept. of Pediatrics, Obst. Gynecol., Nutr. Sci., Univ. Toronto & Res., Inst., Hosp. for Sick Child., Toronto, Ontario, M5G 1X8, Canada. (Abstract 1507).
12. 4:45 EFFECT OF DIETARY LINOLENIC (OMEGA-3) FATTY ACID ON MEMBRANE FLUIDITY OF INTACT RBCs IN VLBW NEONATES. R. Uauy, B.W. VanderMeer, J. Tyson, D. Jameson (Spon. by J.B. Warshaw). Univ. of Texas, Depts. of Pediatrics and Pharmacology, Dallas, TX. (Abstract 1591).
13. 5:00 HYPERTRIGLYCERIDEMIA IN SICK NEWBORN INFANTS ON HIGH-CALORIE ENTERAL FEEDS. Margo A. Cox, Saroj M. Bahl, Elizabeth Stool (Spon. by Eugene W. Adcock). Univ. of Texas, Med. Sch. Dept. of Peds., and Sch. of Allied Health Science Div. of Nutrition, Houston, TX. (Abstract 1516).
14. 5:15 EFFECTS OF MICROWAVE THAWING (MT) ON ANTI-INFECTIVE FACTORS IN HUMAN MILK (HM). John A. Kerner, Jr., Richard Quan, Christine Yang, Norm Lewiston, Phillip Sunshine, David K. Stevenson. Stanford Univ. Medical Center, Dept. of Pediatrics, Stanford, CA. (Abstract 1542).

PUBLIC POLICY COUNCIL

LEGISLATIVE REPORT

The Public Policy Council functions as the legislative arm of the American Pediatric Society, the Society for Pediatric Research, and the Association of Medical School Pediatric Department Chairmen. Our responsibility is to monitor and react to legislation and regulations affecting research, pediatric education and educators, and child health. The six members of the Council are also representatives to the Council on Government Affairs of the American Academy of Pediatrics and to the Council of Academic Societies of the Association of American Medical Colleges. This report gives a brief summary of last year's activities and a look at what can be expected in this first session of the 100th Congress.

FY87 APPROPRIATIONS: In testimony before Congress the Council urged Congress to continue its commitment, morally and financially, to the progress made possible by biomedical research. The FY87 funding level for NIH was \$6,180,660,000 -- a respectable, if not healthy, increase -- to fund 6200 new and competing grants. For the Alcohol, Drug Abuse, and Mental Health Administration funding was \$1,062,365,000. General internal medicine and pediatrics primary care training grants received \$18,500,000, an increase of \$796,000 over FY86.

FY88 APPROPRIATIONS AND BUDGET: In the President's FY88 budget the request for NIH is \$5,535 million plus \$334 million being derived from holding FY87 funds. The Administration proposed that to maintain a balanced program and, at the same time, respond to the public demand for deficit control, the NIH will "extend the availability" of \$334 million appropriated by Congress for FY87 and spend this amount in FY88. The proposed carryover would reduce the total number of new and competing projects funded in FY87 by 700 and would reduce the size of noncompeting continuation research project awards. In actuality, the proposal was contained in the Administration's request for supplemental appropriations for FY87 submitted to Congress in January. Notwithstanding language that this "deferral" would not be implemented unless approved by Congress, NIH was proceeding with plans to proportionally reduce all remaining awards. In late January, when this report was prepared, the Council, in conjunction with other professional organizations, was moving to resist this maneuver. More information will be available during the spring meetings.

The FY88 request for ADAMHA is \$1,106 million plus a \$5 million carryover using the same proposal as requested for NIH. The budget also requests \$31 million for primary care health professions training with emphasis on programs for family medicine and geriatric health care. There was no funding requested for general internal medicine or pediatrics.

ANIMAL RESEARCH: The animal rights' activists continue to exert intense pressure over the use and treatment of animals in biomedical research both through the media and through national, state, and local legislative efforts. To counter the activities of these groups, this Council in cooperation with the American Academy of Pediatrics has devised a strategy to proclaim the need for and value of animals in pediatric research. A part of this strategy includes publication of an informational brochure which will be made available to pediatricians and other interested health and voluntary groups.

GRADUATE MEDICAL EDUCATION: The Sixth Omnibus Budget Reconciliation Act changed the financing of graduate medical education tied to Medicare by expanding the eligibility to include residents training in an ambulatory setting as long as the residents were employed by the hospital. Although the initial proposal was to decrease reimbursement for residents from five to four years, the medical community interests prevailed and eligibility remained at five years. Earlier in 1986 Congress authorized the formation of a Council on

Graduate Medical Education to assess and report to the Secretary of HHS and the Congressional authorizing committees on issues related to federal and private sector physician manpower needs. The first report is due July 1, 1988. This Council is to study the supply and distribution of physicians, specialty distribution, FMGs, and the efforts being made by hospitals and medical schools regarding the deficiencies. The members of the Council were announced October 15. Ten of the 17 members are physicians; three are from the Department of Health and Human Services; four represent the business world. No pediatrician was named to this study group.

ABORTION: Senator Gordon Humphrey (N.H.) attempted to limit abortions through a tactic to revoke the tax-exempt status of not-for-profit organizations which perform, finance, or provide facilities for abortions other than those required to save the life of the mother. This proposal would prevent medical schools from training students to safely and effectively treat pregnant women with an accepted medical procedure; it would prevent facilities from providing a patient with the adequate and necessary information to allow her to make a reasonable and knowledgeable decision. The member societies of this Council joined with the American Academy of Pediatrics, the Ambulatory Pediatric Association, and the Society for Adolescent Medicine in opposing this maneuver because of the possible consequences on the provision of health care which went beyond the intent of the proposal. While this attempt was defeated in the 99th Congress, Senator Humphrey has already introduced this measure in the 100th Congress.

VACCINE INJURY COMPENSATION: The last piece of legislation to be passed by the 99th Congress was an omnibus health package containing nine previously separate bills. Included in this package was legislation to establish a no-fault compensation program for injuries caused by state mandated childhood immunizations. Due to last minute pressures and lack of time, there was no funding mechanism in the legislation as passed. An early priority of this Congress and this Council, working with the AAP, is to complete the task and set this needed compensation system in place.

INFANT MORTALITY: The omnibus health package would also establish a commission to study how to improve federal and state programs aimed at reducing infant mortality. This reflects the continued concern by members of Congress, especially those representing southern states, over infant mortality and morbidity. Medicaid expansion of benefit to women and children would make it possible for states to improve coverage for pregnant women and infants. Under this bill states could provide prenatal, delivery and postnatal care for pregnant women and infants up to the age of one year if the income of the recipient is at or below the federal poverty level rather than the state poverty level without tying this benefit to receiving cash welfare payments from the state. This eligibility would phase in coverage of children up to age five in successive years.

NETWORKING: The Council established a simple contact network using pediatric departments nationwide. The Public Policy Forum, as it has been named, will improve the dissemination of information and action notices while providing the Council with the capability to use selected institutions when contact with specific members of Congress is necessary. Your department head can identify your representative.

100th CONGRESS: The Council expects to see many of the unresolved issues above resurface plus proposals involving newborn screening programs, a move to transfer existing pediatric pulmonary centers from the Division of Maternal and Child Health to NICHD, and the care of chronically-ill children through catastrophic health coverage. Inclusion of children with chronic and/or "catastrophic illness" within these proposals will be a major priority of this Council during the 100th Congress.

APS

Charles Alford, Jr., M.D.
Myron Genel, M.D., Chair

AMSPDC

Frank A. Oski, M.D.
Jane G. Schaller, M.D.

SPR

Laurence Boxer, M.D.
Harvey J. Cohen, M.D.