

DEVELOPMENTAL PHARMACOLOGY

May 17, 1973, 9:00 A.M.

Balboa-Anza Room

MODERATOR: Allen H. Neims

1. 9:00 INHIBITION OF DRUG METABOLISM BY STEROIDS AND A VARIETY OF NATURALLY OCCURRING SUBSTANCES. Lester F. Soyka and Fred W. Deckert. Univ. of Ill. Sch. of Basic Med. Sci., Dept. of Pharmacol., Chicago.
2. 9:15 HYPOTHYROIDISM AND HEPATIC MICROSOMAL DRUG METABOLISM DURING GROWTH. J. V. Aranda, K. W. Renton, G. Kunos, G. Boyd, N.R. Eade, and E. Colle. McGill Univ., Dept. of Pharmacology and Montreal Children's Hosp. Research Inst., Montreal.
3. 9:30 THE EFFECT OF INTRAUTERINE MALNUTRITION UPON HEPATIC DRUG METABOLISM. Saroj Mehta, Margareta Eriksson, Charlotte S. Catz, Sumner J. Yaffe. Dept. of Ped., Sch. of Med., State University of New York at Buffalo, Buffalo.
4. 9:45 DRUG PROTEIN BINDING IN THE NEWBORN INFANT by Joseph Krasner, George P. Giacoia, and Sumner J. Yaffe. State University of New York and Children's Hospital, Buffalo.
5. 10:00 INCREASED DIGITALIS REQUIREMENTS FOR ENHANCED MYOCARDIAL CONTRACTILITY IN NEWBORN RABBITS. Robert C. Boerth, Thomas P. Graham, Jr., and James B. White. Vanderbilt Univ. Sch. of Med., Division of Pediatric Cardiology, Nashville.
6. 10:15 HEXACHLOROPHENE: PHARMACOKINETICS AND TOXICITY IN DEVELOPING MICE. Leland W. K. Chung, Margaret Warner, and Allen H. Neims. McGill University, Montreal Children's Hospital, Roche Developmental Pharmacology Unit, Dept. Ped. & Pharmacol., Montreal.

- 10:30 Intermission -

7. 10:50 PLACENTAL TRANSFER AND PHARMACOKINETICS OF DIGOXIN IN THE PREGNANT EWE. Sharanjeet Singh, Peter Fehr, Bernard L. Mirkin. Depts. of Ped. Obst., Phcl., Div. Clin. Phcl., Univ. of Minn. Mpls.

8. 11:05 TOBRAMYCIN: MATERNAL-FETAL PHARMACOLOGY. Betty Bernard, Salvador J. Garcia, Charles A. Ballard, Daniel Ivler, Lauri D. Thrupp, Allen W. Mathies, and Paul F. Wehrle. Depts. of Pediatrics and Obstetrics, USC School of Medicine, Los Angeles.
9. 11:20 COMPARISON OF INTRAMUSCULAR AND INTRAVENOUS GENTAMICIN ADMINISTRATION IN NEWBORN INFANTS. John W. Paisley, Arnold L. Smith, and David H. Smith. (Intr. by William B. Berenberg) Children's Hospital Medical Center, Boston.
10. 11:35 COMPLIANCE WITH DRUG THERAPY IN INSTITUTIONALIZED EPILEPTIC CHILDREN. J. T. Wilson and G. R. Wilkinson. Divisions of Pediatric & Clinical Pharmacology, Departments of Pediatrics & Pharmacology. Vanderbilt University, Nashville.