MEDICAL COLLEGE OF OHIO
INTERDEPARTMENTAL COMMUNICATION

To: Registrants
Lake Cumberland Biological
Transport Meeting

From: Lynn and Paul Brand

Subject: Reception and Cocktail Party
5:00 - 6:00 P.M. Central Time
Sunday, June 13, 1982

Date: May 20, 1982

The Lake Cumberland meeting is merely three weeks away. As of now there are 27 registrants, 20 spouses, and 20 children coming. These numbers are similar to last year and presage another successful meeting.

For the Sunday evening reception, we are asking each family to think Hawaiian (give Donnie and Marie a Punch!) and bring a Polynesian snack or other goodies. Remember, dress casual (grass skirts?).

See you soon!

LB:PB:mm
BIOLOGICAL TRANSPORT MEETING
Lake Cumberland State Park
Jamestown, Kentucky
June 13 - 15, 1982

PROGRAM ORGANIZER: Paul Brand

SUNDAY, JUNE 13TH

5-6:00 (Central Time) Reception (Very Informal)

SESSION I, SUNDAY EVENING

Chairman: George Tanner

8:00 Energy considerations in the uptake of salicylic and benzoic acids in Saccharomyces cervisiae, Mostafa Badr, T.G. Scharff and R. Doyle, Dept. of Pharmacology, Univ. of Louisville, Louisville, KY.

8:30 Prostaglandins and gastrointestinal secretions, Tom Scernka, Dept. of Physiology, Wright State Univ., Dayton, OH.

9:00 Intestinal nonelectrolyte influx: effect of experimental diabetes, John Schaeffer, Evanston Center for Medical Education, Indiana Univ., Evansville, IN.

SESSION II, MONDAY MORNING (JUNE 14)

Chairman: John Schaeffer

9:00 Hemodynamic response to obstruction of single kidney tubules, George A. Tanner, Dept. of Physiology, Indiana Univ., Indianapolis, IN.

9:30 Effects of atrial natriuretic factor on renal function, D.M. Pollock and R. O. Banks, Dept. of Physiology, Univ. of Cincinnati, Cincinnati, OH.

10:00 Osmotic effect of mannitol on renal tubules of newborn dogs, Leonard Kleinman, Dept. of Pediatrics, Univ. of Cincinnati Cincinnati, OH.

10:30 COFFEE BREAK
10:40  Histamine receptors and autoregulation of renal blood flow, R.O. Banks, E.W. Inscho and E.D. Jacobson, Dept. of Physiology, Univ. of Cincinnati, Cincinnati, OH.

11:10  Metal inhibition of renal amino acid transport, E.C. Foulkes, Dept. of Environmental Health, Univ. of Cincinnati, Cincinnati, OH.

SESSION III, MONDAY EVENING (JUNE 14)

Chairman: Paul Brand

8:00  Some basic values in biological transport, E.C. Foulkes, Dept. of Environmental Health, Univ. of Cincinnati, Cincinnati, OH.

8:30  Sodium dependence of epithelial transport processes. History, questions and answers, T.Z.Csaky, Dept. of Pharmacology, Univ. of Missouri, Columbia, MO.

9:00  Effects of calcium and barium on frog gastric mucosa, Manuel Schwartz, Dept. of Physics, Univ. of Louisville, Louisville, KY.

SESSION IV, TUESDAY MORNING (JUNE 15)

Chairman: Gunter Grupp

9:00  Characterization of renal beta adrenoreceptors in the dog and rabbit, Pamela S. Hollingsead, H.R. Besch, S.F. Queener, and L.R. Willis, Dept. of Pharmacology, Indiana Univ., Indianapolis, IN.

9:30  Catecholamines stimulate Na⁺ flux via increased sodium conductance through the luminal cell membrane in amphibian urinary bladder, J.T. Higgins, Dept. of Medicine, Medical College of Ohio, Toledo, OH.

10:00  COFFEE BREAK

10:10  Comparison of ³H-norepinephrine binding to plasma proteins in dog and rabbit, James W. Van Huysse, David P. Henry and L.R. Willis, Dept. of Pharmacology, Indiana Univ., Indianapolis, IN.

10:40  Chloride transport in human fibroblasts and the etiology of muscular dystrophy, Eric Gruenstein, Dept. of Biological Chemistry, Univ. of Cincinnati, Cincinnati, OH.
SESSION V, TUESDAY EVENING (JUNE 15)

Chairman: Eric Gruenstein

8:00  Aminoglycoside transport and accumulation in kidney tissue. Its relation to nephrotoxicity, Friedrich C. Luft, Dept. of Medicine, Indiana Univ., Indianapolis, IN.

8:30  Kinetics of fluorodeoxyuridine elimination of the isolated perfused rat liver, Carl Csaky, Dept. of Pharmacology, Univ. of Louisville, Louisville, KY.

9:00  Normal and anomalous PD responses due to K, Na and Cl in the frog antrum, Gaspar Carrasquer, Dept. of Experimental Medicine, Univ. of Louisville, Louisville, KY.