3RD ANNUAL
Neurology/Neurobiology Research Day
Friday, February 6, 2004
Dana Conference Center, Medical College of Ohio
Toledo, Ohio

Program Agenda:

7:45 - 8:15 AM    Registration & Continental Breakfast
                  Dana Conference Center Lobby

8:15 - 8:30       Welcome
                  Drs. John Greenfield, Elizabeth Tietz, and Gretchen Tietjen

8:30 - 10:00      PLATFORM PRESENTATIONS

8:30 – 8:45       Trks and tribulations: the heresy of neurotrophins supporting the
                  survival of parasympathetic neurons.  P.C. Pugh and J.F. Margiotta,
                  Department of Anatomy & Neurobiology, Medical College of Ohio.

8:45 – 9:00       The neuronal growth-associated protein B-50 (GAP-43) is a protein
                  kinase CK2 substrate.  L.A. Dokas, Depts. of Neurology and
                  Biochemistry/ Molecular Biology, Medical College of Ohio.

9:00 – 9:15       Stimulation of α-secretase and Akt by the M₁ muscarinic agonist
                  CDD-0102.  B.Tang, D. Ghosh and W. S. Messer, Jr.  Depts. of
                  Medicinal & Biological Chemistry and Pharmacology, College of
                  Pharmacy, The University of Toledo

9:15 – 9:30       Dissecting the septohippocampal pathway: Effects on memory and
                  hippocampal theta rhythm.  K.C.H. Pang, D.A.C. Montoya, and R.M.
                  Yoder, Bowling Green State University

9:30 – 9:45       Evidence that decreased inhibition contributes to rapid brainstem
                  plasticity after nerve injury.  X. Wang and J.T. Wall, Cellular &
                  Molecular Neurobiology Program, Medical College of Ohio.

9:45 – 10:00      Correlation of standardized patient evaluation with clinical and
                  objective assessment in a Neurology clerkship.  I.I. Ali, N.A. Herial,
                  C. Shriner, G. Tietjen and N. Pirzada.  Dept. of Neurology, Medical
                  College of Ohio.
10:00-11:30  POSTER SESSION

11:30-12:30  Keynote Speaker:
             Dr. Oswald Steward
             “The Progress and Promise of Spinal Cord Research”

12:30-1:30  Lunch, Hilton Hotel Ballroom

1:30–3:00  Poster & Exhibitor viewing time
Platform Presentations

1. **Trks and tribulations: the heresy of neurotrophins supporting the survival of parasympathetic neurons.** P.C. Pugh and J.F. Margiotta, Department of Anatomy & Neurobiology, Medical College of Ohio, Toledo, Ohio.

2. **The neuronal growth-associated protein B-50 (GAP-43) is a protein kinase CK2 substrate.** L.A. Dokas, Departments of Neurology and Biochemistry/ Molecular Biology, Medical College of Ohio, Toledo OH 43614-5809

3. **Stimulation of \( \alpha \)-secretase and Akt by the M\(_1\) muscarinic agonist CDD-0102.** B. Tang, D. Ghosh and W. S. Messer, Jr. Departments of Medicinal & Biological Chemistry and Pharmacology, College of Pharmacy, The University of Toledo, Toledo, OH 43606, USA and Cognitive Pharmaceuticals Ltd., Toledo, OH 43624, USA

4. **Dissecting the septohippocampal pathway: Effects on memory and hippocampal theta rhythm.** K.C.H. Pang, D.A.C. Montoya, and R.M. Yoder, Bowling Green State University

5. **Evidence that decreased inhibition contributes to rapid brainstem plasticity after nerve injury.** X. Wang and J.T. Wall, Cellular & Molecular Neurobiology Program, Medical College of Ohio.