Welcome to the first meeting of the Great Lakes Nuclear Receptor Conference.

Dear Colleague,

Thank you for being a part of this exciting new conference that we hope will become a permanent part of the national nuclear receptor landscape. The goal of this meeting is to facilitate the exchange of information between the various groups in the Midwest working in the field of nuclear receptors. All participants are encouraged to share unpublished results and to participate in discussions throughout the day, particularly with young trainees. We are especially interested in providing graduate students and postdoctoral fellows with an opportunity to present their work and interact with other researchers in the field (i.e. both trainees and principal investigators) in a very informal setting.

We hope the meeting will be a rewarding experience for all participants. The success of this meeting and future meetings depends upon your participation and feedback. Please take a few moments to fill out the Meeting Survey and return it to the box in the lobby outside the lecture hall.

Cordially,

The Organizing Committee
Sponsors and Acknowledgements

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Department of Biochemistry & Molecular Biology,
Department of Pharmacology and
The Graduate School,
Medical College of Ohio
Toledo, OH

Department of Pharmacology
University of Pittsburgh School of Medicine
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Acknowledgements

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Fern Murdoch, Ph.D. Univ. Wisconsin-Madison
Great Lakes Nuclear Receptor Conference Schedule
November 15, 2003
Medical College of Ohio, Toledo, Ohio

7:45 a.m. - 8:45 a.m. Continental Breakfast
Lobby outside Room 110, Health Education Building

Oral Sessions will be held in Room 110, Health Education Building. Speakers for the morning session should bring disks (CD or 100/250 mb Zip disks only) to the audiovisual specialist in Room 110 by 8:00 AM so talks can be loaded.

8:45 a.m. Opening remarks – Don DeFranco, Brian Rowan, Edwin Sánchez – Co-organizers

Morning Session 1 – chaired by Edwin Sánchez, Medical College of Ohio, Toledo, OH.

8:55 – “A Pair of KRAB Zinc Finger Genes Controls Sexually Dimorphic Liver Gene Expression.”
Christopher J. Krebs, Leslie Larkins, Diane M. Robins.
Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI.

9:20 – “Receptor and Coregulator Recruitment in Prostate Cancer.”
Sergio Oñate.
Department of Cell Biology & Physiology, University of Pittsburgh School of Medicine, Pittsburgh, PA.

9:45 – “Nuclear Receptor Humanized Mice in Safer Drug Development.”
Wen Xie.
Center for Pharmacogenetics and Department of Pharmaceutical Sciences, University of Pittsburgh School of Medicine, Pittsburgh, PA.

10:15 -10:30 Morning Break – (Coffee, soda and bottled water)

Morning Session 2 – chaired by Brian Rowan, Medical College of Ohio, Toledo, OH.

10:30 – “Distinct Chromatin Modifying Complexes are Recruited by Tamoxifen-Complexed Estrogen Receptor to Natural Target Promoters In vivo.”
Xuefeng Liu and Milan K. Bagchi.
Department of Molecular and Integrative Physiology, University of Illinois at Urbana-Champaign, Urbana, IL.
10:55 – “Estrogen Receptors, SERMs, and the Regulation of Gene Expression in Breast Cancer.”
Jonna Frasor and Benita Katzenellenbogen.
Department of Molecular and Integrative Physiology, University of Illinois at Urbana-Champaign, Urbana, IL.

11:20 – “Variations in Estrogen Receptor-α Protein Turnover Rates in the Presence of Estrogen.”
Elaine T. Alarid, Mara T. Preisler-Mashek, Natalia Solodin.
Department of Physiology, University of Wisconsin, Madison, WI.

11:45 – “The Role of Two Genes, Quinone Reductase and Estrogen Down-Regulated Gene 1, in Breast Cancer.”
Monica M. Montano, Bryan M. Wittmann, Nicole R. Bianco.
Department of Pharmacology, Case Western Reserve University School of Medicine, Cleveland, OH.

12:15 p.m. – 2:45 p.m. Lunch and Poster Session
Lunch will be held in the Mulford Café (follow the signs).

The poster session will be held in the corridor between Room 110 and the Mulford Café. Posters should be setup before Session 1 or during the mid-morning break and taken down in the evening.

Presenters of even-numbered posters should be available at their posters from 1:15 to 2:00 and presenters of odd-numbered posters should be available from 2:00 to 2:45.

Speakers for the afternoon oral sessions should bring disks to the audiovisual specialist in Room 110 by 2:00 PM so talks can be loaded.

Afternoon Session 1 – chaired by Diane Robins, University of Michigan, Ann Arbor, MI.

2:45 – “pGAD93: A New Progesterone Receptor and Hsp90 Interacting Protein.”
Ahmed Chadli^, J. Dinny Graham*, Kathryn B. Horwitz* and David Toft^.
^Department of Biochemistry and Molecular Biology, Mayo Clinic, Rochester, MN.
*Department of Endocrinology, University of Colorado Health Science Center, Denver, CO.

3:10 – “Progesterone Receptor Expression as an Early Marker of Mouse Embryonic Stem (ES) Cell Differentiation.”
Michael K. Fritsch, Carley N. Sauter, Timothy J. Kruser, Xiaojie Xu, Amy L. Stoddard, and Fern E. Murdoch.
Department of Pathology, University of Wisconsin, Madison, WI.

3:35 – "Vitamin D Coactivators and Target Genes in Osteoblasts."
Amelia Sutton and Paul MacDonald.
Department of Pharmacology, Case Western Reserve University, Cleveland, OH.
4:00 - 4:15 Afternoon Break – *(Coffee, soda and bottled water)*

**Afternoon Session 2** chaired by Don DeFranco, University of Pittsburgh School of Medicine, Pittsburgh, PA.

4:15 - “Retrograde Transport of the Glucocorticoid Receptor in Neurites Requires Dynamic Assembly of Complexes with the Protein Chaperone hsp90 and Is Linked to the CHIP Component of the Machinery for Proteasomal Degradation.”
Mario D. Galigniana§, Jennifer M. Harrell§, Paul R. Housley+, Cam Patterson§, Stephen K. Fisher§ and William B. Pratt§.
§ Department of Pharmacology, The University of Michigan Medical School, Ann Arbor, MI, Department of Pharmacology, Physiology and Neuroscience, † University of South Carolina School of Medicine, Columbia, SC, and ++ Departments of Medicine, Pharmacology, and Cell and Developmental Biology, University of North Carolina, Chapel Hill, NC.

Edwin Sánchez, Dapei Li, Thomas J. Jones, Subhagya A. Wadekar, Irene Wolf and Sumudra Periyasamy.
Department of Pharmacology, Medical College of Ohio, Toledo, OH.

5:05 – “SC Motif’s Function as SUMO Acceptor Sites to Control Steroid Receptor Transcriptional Synergy.”
Jorge A. Iñiguez Lluhí, Sam Holmstrom, Mary E Van Antwerp.
Department of Pharmacology, University of Michigan Medical School, Ann Arbor, MI.

5:30 – “Dexamethasone-Induced Gene 2 (*dig2*) is a Novel Pro-Survival Stress Gene Induced Rapidly by Diverse Apoptotic Signals.”
Department of Medicine, Case Western Reserve University, Cleveland, OH.

**6:00 Reception**
Lobby outside Room 110, Health Education Building.

*Please turn in Conference Survey*