# 6th Great Lakes Nuclear Receptor Conference Program

**Sixth Biennial Great Lakes Nuclear Receptor Conference**  
**October 17-18, 2014**  
**University of Wisconsin-Madison**

### Friday, October 17

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>2:00-4:00 PM</td>
<td>Check-in and Poster set-up (Posters will be on display throughout the meeting)</td>
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| 4:30-5:30 PM | **Gerald Mueller Lectureship in Oncology**  
**Nuclear Receptors and the Hunger Game: From Feast to Famine**  
**Dr. Ron Evans**  
Professor and Director  
Gene Expression Laboratory  
Howard Hughes Medical Institute Investigator  
Salk Institute |
| 5:30 PM     | Dinner on Site                                                        |

### Saturday, October 18

<table>
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<th>Time</th>
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<tr>
<td>7:00-8:30 AM</td>
<td>Breakfast on Site</td>
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| 8:30-9:45 AM | **Session 1: Structure and Mechanism**  
Chairs: Dr. Debu Chakravarti, Northwestern University  
Dr. Steffi Oesterreich, University of Pittsburgh  
Speakers:  
8:30-8:45 AM  
*Forward genetic analysis of steroid-triggered biological responses*  
Arash Bashirullah, University of Wisconsin-Madison  
8:45-9:00 AM  
*Systems biology of gene and metabolic regulation by estrogen receptors and kinases in breast cancer*  
Zeynep Madak Erdogan, University of Illinois, Urbana-Champaign  
9:00-9:15 AM  
*Nucleosome positioning contributes to nuclear receptor specificity*  
Craig Burd, Ohio State University  
9:15-9:30 AM  
*Identification of genomic targets of Krüppel-like factor 9 in mouse hippocampal neurons*  
Joseph Knoedler, University of Michigan, Ann Arbor  
9:30-9:45 AM  
*Selective enhancer control of the Mmp13 gene by the Vitamin D receptor*  
Mark Meyer, University of Wisconsin-Madison |
9:45-11:15 AM  Coffee Break/ Poster Session 1

11:15 AM -
12:30 PM  **Session 2: Metabolism and Physiology**

**Chairs:**
- Dr. Noa Noy, Case Western Reserve University
- Dr. Wen Xie, University of Pittsburgh

**Speakers:**

11:15-11:30 AM  *Regulation of retinoic acid transcriptional activity by long chain fatty-acids*
Liraz Levi, Case Western Reserve University

11:30-11:45 AM  *A metabolic stress-inducible miR-34a-HNF4α pathway regulates lipid and lipoprotein metabolism*
Yanqiao Zhang, Northeast Ohio Medical University

11:45 AM -
12:00 PM  *Rev-erbβ interacts with nuclear receptor corepressor independently of heme*
Eric Carter, University of Michigan

12:00-12:15 PM  *The Drosophila estrogen-related receptor promotes aerobic glycolysis to support developmental growth*
Jason Tennessen, Indiana University

12:15-1:00 PM  Lunch

1:00-2:30 PM  **Poster Session 2**

2:30-3:45 PM  **Session 3: Development and Disease**

**Chairs:**
- Dr. Carol Lange, University of Minnesota
- Dr. Will Ricke, University of Wisconsin-Madison

**Speakers:**

2:30-2:45 PM  *Androgen receptor genomic and splicing alterations in prostate cancer*
Scott Dehm, University of Minnesota

2:45-3:00 PM  *Invasive lobular carcinoma cell lines utilize WNT4 signaling to mediate estrogen-induced growth*
Matt Sikora, University of Pittsburgh

3:00-3:15 PM  *A novel chemical probe that simultaneously modulate ERα and ERβ protein levels*
Zibo Zhao, University of Wisconsin-Madison
3:15-3:30 PM  Cervical cancer progression: stromal ERα signaling amid a cascade of proliferative and metabolic changes  
Johan den Boon, University of Wisconsin-Madison

3:30-3:45 PM  Characterization of breast cancer stem cells in triple negative breast tumors  
Huiping Liu, Case Western Reserve University

3:45-4:45 PM  Jack Gorski Lectureship in Biochemistry  
Androgen Receptor and Prostate Cancer: Insights from Humanized Mice and Men  
Dr. Diane Robins  
Professor of Human Genetics  
Director of Graduate Studies in Human Genetics  
University of Michigan Medical School  
University of Michigan, Ann Arbor

4:45-6:00 PM  Closing Remarks, Reception