



Ohio Physiological Society
26th Annual Meeting
University of Cincinnati
October 6–7, 2011

From Molecules to Metabolic Disease
Program

Thursday, October 6
*University of Cincinnati College of Medicine, Medical Campus–East
 CARE/Crawley Building and Medical Sciences Building
 Enter from 3230 Eden Avenue (opposite Eden Garage) or 231 Albert Sabin Way*

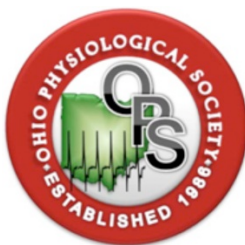
1:00–5:00 pm	Registration <i>Kresge Lobby, Medical Sciences Building (Level E)</i>
5:00 pm	Opening Remarks and Plenary Lecture <i>Kresge Auditorium, Medical Sciences Building (Level E)</i> Opening Remarks Bryan Mackenzie, PhD (<i>OPS President</i>) <i>OPS2011 Plenary Lecture</i> Sodium–glucose cotransporters (SGLTs) as new drug targets for diabetes Ernest M Wright, FRS, <i>David Geffen–UCLA School of Medicine</i>
6:15 pm	Reception <i>The Atrium, CARE/Crawley Building</i>
7:15 pm	Banquet <i>Kaplan Reception Hall, CARE/Crawley Building</i>

Friday, October 7
*University of Cincinnati, Main Campus–West
 Tangeman University Center*

7:30–9:00 am	Registration and Continental Breakfast <i>Level 4 Lobby</i>
9:00 am	Session 1—Computational physiology Chair: Hamid R Eghbalnia, PhD <i>Mainstreet Cinema (Level 2)</i> <i>Featured Presentation</i> Understanding how protein interaction networks are reconfigured in the cancer cell Robert M Ewing, PhD, <i>Case Western Reserve University</i>

	<p><i>Oral presentations selected from among the abstracts submitted:</i></p> <p>#56—Feedback in Sonic Hedgehog circuits with cytokines in <i>H. pylori</i> mediated gastritis Shruti Marwaha, <i>University of Cincinnati</i></p> <p>#55—Sonic Hedgehog mediates the development of the gastric immune response to <i>Helicobacter pylori</i> infection Michael A Schumacher, <i>University of Cincinnati</i></p>	
10:00 am	<p>Poster Presentations Presenters: Odd-numbered abstracts <i>Atrium (Level 3)</i></p>	<p>Refreshments <i>Level 4 Lobby</i></p>
11:00 am	<p>Session 2—Molecular physiology Chairs: John N Lorenz, PhD and Nelson D Horseman, PhD <i>Mainstreet Cinema (Level 2)</i></p> <p><i>Featured Presentation</i> Emerging roles of TRPC3 channels in atherosclerosis Guillermo Vazquez, PhD, <i>University of Toledo</i></p> <p><i>Oral presentations selected from among the abstracts submitted:</i></p> <p>#45—Subcellular localization of the taurine transporter protein in rat brain Amanda N Freeman, <i>Wright State University</i></p> <p>#18—Chemosensitivity in Darkling beetles, <i>Tenebrio molitor</i>, across O₂ and CO₂ gradients Andrew Patterson, <i>Wright State University</i></p>	
12:00 noon	<p>Lunch <i>Room 400 (Level 4)</i></p>	<p>Refreshments <i>Level 4 Lobby</i></p>
1:00 pm	<p>Poster Presentations Presenters: Even-numbered abstracts <i>Atrium (Level 3)</i></p>	
2:00 pm	<p>Session 3—Metabolism and human disease Chair: Anil G Menon, PhD <i>Mainstreet Cinema (Level 2)</i></p> <p><i>Featured Presentation</i> The lean phenotype: Physical activity, energy expenditure, and aerobic capacity Colleen M Novak, PhD, <i>Kent State University</i></p> <p><i>Oral presentations selected from among the abstracts submitted</i></p> <p>#27—Apolipoprotein A-IV regulates chylomicron metabolism: Mechanism and function Alison B Kohan, PhD, <i>University of Cincinnati</i></p> <p>#34—Acute high fat feeding influences cardiac function and confers cardioprotection against ischemic injury Lauren Haar, <i>University of Cincinnati</i></p>	
3:00 pm	<p>Business Meeting and Awards <i>Mainstreet Cinema (Level 2)</i></p>	

Please Visit the Exhibits!



OPS Officers and OPS2011 Organizing Committee

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Special thanks to our OPS2011 Conference Staff (University of Cincinnati)

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OPS2011 is hosted by the University of Cincinnati Department of Molecular & Cellular Physiology and PhD Program in Systems Biology & Physiology



OPS2011 Donors and Sponsors

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University of Cincinnati Department of Molecular & Cellular Physiology

OPS2011 Trainee Awards

OPS Peter K. Lauf Student Travel Award Daniel J. Luther (Northeast Ohio Medical University)
(\$500 award to support attendance at Shruti Marwaha (University of Cincinnati)
Experimental Biology 2012)

OPS2011 Poster Prize *Undergraduate* Huong-Thao T. Tran (Wright State University)
(\$100 cash prize provided by the *Graduate* Stephanie Buccini (University of Cincinnati)
University of Cincinnati Department of Jeannine Crum (Wright State University)
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