<table>
<thead>
<tr>
<th>Date</th>
<th>Moderator</th>
<th>Speaker 1</th>
<th>Speaker 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 5</td>
<td></td>
<td>CBBI Fall Social, 5:00 pm, Stepan lobby</td>
<td></td>
</tr>
<tr>
<td>September 18 283 Galvin</td>
<td>Edward Hinchcliffe</td>
<td>Jonathan Stefely (Chemistry, Miller)</td>
<td>Kurt Piepenbrink (Biochemistry, Baker)</td>
</tr>
<tr>
<td>October 2 283 Galvin</td>
<td>Patricia Clark</td>
<td>Julia Philip (Chemistry, Goodson)</td>
<td>Jessica Hornick (Biology, Hinchcliffe)</td>
</tr>
<tr>
<td>October 16 283 Galvin</td>
<td></td>
<td>CBBI Seminar, Roy Mariuzza, University of Maryland</td>
<td></td>
</tr>
<tr>
<td>November 6 283 Galvin</td>
<td></td>
<td>Structural Basis for Self Recognition by Autoimmune and Tumor-Specific T Cell Receptors</td>
<td></td>
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<tr>
<td>November 13 283 Galvin</td>
<td>Brian Baker</td>
<td>Oleg Borbulevych (Biochemistry, Baker)</td>
<td>John Markiewicz (Chemistry, Helquist)</td>
</tr>
<tr>
<td>November 27</td>
<td></td>
<td></td>
<td>No Meeting, Thanksgiving</td>
</tr>
<tr>
<td>December 11 283 Galvin</td>
<td>Jennifer Dubois</td>
<td>Major Gooyit (Chemistry, Mobashery)</td>
<td>Richard Besingi (Biochemistry, Clark)</td>
</tr>
<tr>
<td>December 25</td>
<td></td>
<td></td>
<td>No Meeting, Holiday Break</td>
</tr>
<tr>
<td>January 8</td>
<td></td>
<td></td>
<td>No Meeting, Holiday Break</td>
</tr>
<tr>
<td>January 22 126 DeBartolo</td>
<td>Robert Schulz</td>
<td>Christine Monteleon (Biology, D'Souza-Schorey)</td>
<td>Ian Sander (Biochemistry, Clark)</td>
</tr>
<tr>
<td>February 5 126 DeBartolo</td>
<td>Michael Ferdig</td>
<td>Michelle Favila (Biology, McDowell)</td>
<td>Bryan Smith (Biochemistry, Smith)</td>
</tr>
<tr>
<td>February 19 126 DeBartolo</td>
<td>Holly Goodson</td>
<td>Carolyn Dehner (Biochemistry, Dubois)</td>
<td>Mark Wacker (Biology, Ferdig)</td>
</tr>
<tr>
<td>March 5 126 DeBartolo</td>
<td>Olaf Wiest</td>
<td>Raul Juarez Hernandez (Chemistry, Miller)</td>
<td>Brian Wilson (Biochemistry, Peng)</td>
</tr>
<tr>
<td>March 19</td>
<td></td>
<td>CBBI Faculty Meeting, 126 DeBartolo</td>
<td></td>
</tr>
<tr>
<td>April 2 126 DeBartolo</td>
<td>Crislyn D’Souza-Schorey</td>
<td>Apryle O’Farrell (Chemistry, Mobashery)</td>
<td>Edwin Siu (Biology, Ferdig)</td>
</tr>
<tr>
<td>April 9 126 DeBartolo</td>
<td></td>
<td>David Dolphin, University of British Columbia</td>
<td></td>
</tr>
<tr>
<td>April 16</td>
<td></td>
<td>CBBI Fellowship Application Meeting, 126 DeBartolo</td>
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<tr>
<td>April 23 126 DeBartolo</td>
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<td>CBBI Seminar, Juan Hermoso, Consejo Superior de Investigaciones Cientificas</td>
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<tr>
<td>May 11-12</td>
<td></td>
<td>CBBI Retreat, David Lynn, Emory University</td>
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<tr>
<td>May 28 283 Galvin</td>
<td>Jeffrey Schorey</td>
<td>Tim Wencewicz (Chemistry, Miller)</td>
<td>Esther Braselmann (Biochemistry, Clark)</td>
</tr>
<tr>
<td>June 11 283 Galvin</td>
<td></td>
<td>Rosanne Frederick (Biochemistry, Dubois)</td>
<td>Baiyuan Yang (Chemistry, Miller)</td>
</tr>
<tr>
<td>June 25 283 Galvin</td>
<td>Paul Helquist</td>
<td></td>
<td>Yao Shen (Chemistry, Wiest)</td>
</tr>
<tr>
<td>July 9 283 Galvin</td>
<td>Bradley Smith</td>
<td>Matthew Levey, University of Notre Dame</td>
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<tr>
<td>July 23 283 Galvin</td>
<td>Richard Taylor</td>
<td>Victoria Lam (Biology, Schulz)</td>
<td>Erin Cole (Chemistry, Smith)</td>
</tr>
<tr>
<td>August 6 283 Galvin</td>
<td>Shahriar Mobashery</td>
<td>Robert Bonomo, Case Western University School of Medicine</td>
<td></td>
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<tr>
<td>August 27</td>
<td></td>
<td></td>
<td>Yearly Evaluation and Organizational Faculty Meeting</td>
</tr>
</tbody>
</table>
September 18th, 2008
Jonathan Stefely (Chemistry, Miller)
Synthesis, Antitumor Activity, and Biological Evaluation of Novel 1,2,3-Triazole-Based Tubulin Polymerization Inhibitors

Kurt Piepenbrink (Biochemistry, Baker)
Investigating the Physical Basis of T-Cell Receptor Recognition of Class I MHC Molecules

October 2nd, 2008
Julia Philip (Chemistry, Goodson)
Nuclear Mechanotransduction: Response of the lamina to Extracellular Stress with Implications In Aging

Jessica Hornick (Biological Sciences, Hinchcliffe)
Live Cell Analysis of Mitotic Spindle Formation in Taxol-Treated Cells

October 16th, 2008
Roy Mariuzza, University of Maryland Biotechnology Institute
Structural Basis for Self Recognition by Autoimmune and Tumor-Specific T Cell Receptors

October 30th, 2008
Francis Insaidoo (Biochemistry, Baker)
Nuclear Mechanotransduction: Response of the lamina to Extracellular Stress with Implications In Aging

November 6th, 2008
Dasantila Golemi-Kotra, Department of Chemistry and Biochemistry, University of North Carolina
Staphylococcus aureus Response to Cell Wall Inhibitors: One Step Closer to Avoiding Antibiotic Resistance
Success in Academia: A Junior Scientist Perspective

November 13th, 2008
Oleg Borbulevych (Biochemistry, Baker)
An Unprecedented MHC I Alpha 2 Helix Rearrangement as a Novel Mechanism for Structural Diversity between pMHC and TCR

John Markiewicz (Chemistry, Helquist)
Trichostatin A: A potent HDAC Inhibitor and Potential Niemann-Pick Therapeutic Agents

December 11th, 2008
Major Gooyit (Chemistry, Mobashery)
Syntheses and Characterization of Diastereomeric 2-(1-(4-phenoxyphenylsulfonyl)ethyl)thiiranes that are Potent Gelatinase Inhibitors

Richard Besingi (Biochemistry, Clark)
Characterization of the the VirG Autotransporter from Yersina pestis

January 22nd, 2009
Christine Monteleon (Biology, D’Souza-Schorey)
ARF6-mediated Regulation of Epithelial Cyst Organization

Ian Sander (Biochemistry, Clark)
Effects of Rare Codon Clusters on Protein Function
February 5\textsuperscript{th}, 2009
Michelle Favila (Biological Sciences, McDowell group)
\textit{Macrophage and Dendritic Cell Responses to Leishmania Infection}

Bryan Smith (Biochemistry, Smith group)
\textit{Molecular Imaging of Tumors using a Near-Infrared Synthetic Probe}

February 19\textsuperscript{th}, 2009
Carolyn Dehner (Biochemistry, Dubois group)
\textit{Insight into Siderophore and Reductant Dependence in Iron Acquisition from Hematite by Pseudomonas mendocina ymp}

Mark Wacker (Biology, Ferdig group)
\textit{Dissecting the Genetic Basis of Malaria Metabolism}

March 5\textsuperscript{th}, 2009
Raul Juarez (Chemistry, Miller group)
\textit{Addressing TB, Mycobactric Acid Analogues}

Brian Wilson (Biochemistry, Peng group)
\textit{Exploring Mechanisms of Signal Transduction by Relaxation Dispersion}

April 8\textsuperscript{th} and 9\textsuperscript{th}, 2009
David Dolphin, Department of Chemistry, University of British Columbia; Vice President, Technology Development, Quadra Logic Technologies
\textit{How to Make $3,000,000,000 from a Knowledge of Vampires}
\textit{Supramolecular Chemistry Using Metals and Dipyrromethenes}

April 23\textsuperscript{rd}, 2009
Juan Hermoso, Consejo Superior de Investigaciones Cientificas, Madrid, Spain
\textit{Structural Biology of Host-Pathogen Interactions in Streptococcus pneumoniae}

May 12\textsuperscript{th}, 2009
David Lynn, Departments of Chemistry and Biology, Emory University
\textit{Darwin at 200: Thoughts on Origins of Chemical Evolution}

May 28\textsuperscript{th}, 2009
Timothy Wencewicz (Chemistry, Miller group)
\textit{Exploiting Bacterial Iron Acquisition for "Trojan Horse" Drug Delivery: Antibiotic Conjugates of the Siderophore Danoxamine}

Esther Braselmann (Biochemistry, Clark group)
\textit{Do Autotransporter Virulence Proteins Cross the Outer Membrane on Their Own?}

June 11\textsuperscript{th}, 2009
Rosanne Frederick (Biochemistry, Dubois group)
\textit{Kinetic Characterization of an L-Ornithine Monooxygenase Necessary for Siderophore Biosynthesis in Aspergillus fumigatus}

Baiyuan Yang (Chemistry, Miller group)
\textit{Application of Nitroso Diels-Alder Chemistry to Solve Biochemical Problems: I. Expanding the Biological Profile of Natural Products;II. Discovery of a Novel Family of Antibiotics?}
June 25th, 2009
Yao Shen (Chemistry, Wiest group)
*Novel Antibiotics from Systems Biology and Atomistic Modeling*

July 9th, 2009
Matthew Leevy
Manager Notre Dame Integrated Imaging Facility, Assistant Research Professor
Department of Chemistry and Biochemistry, University of Notre Dame
*A Multimodal Approach to Non-Invasive Imaging of Disease Models and Biological Systems in Living Mice*

July 23rd, 2009
Victoria Lam (Biology, Schulz group)
*The M2 Toxin: Novel Cell Ablation System in Drosophila*

Erin Cole (Chemistry, Smith group)
*New Fluorescent Probes for Bioimaging*

August 6th, 2009
Robert Bonomo, Department of Pharmacology, Case Western Reserve University
*Challenging Beta-Lactamases*