New Approaches to Drug Discovery against Tropical Diseases
Held at the Institute of Biology – University of Campinas
June 6th - 10th, 2016

SCIENTIFIC PROGRAM

Scientific Committee:
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Support:
Raquel Hatamoto - University of Campinas.
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June 6th, 2016

14:00 – 15:00  OPENING CEREMONY  
Prof. Dr. Fabio T M Costa - UNICAMP  
Prof. Dr. Per Sunnerhagen – Univ. of Gothenburg  
Prof. Dr. Glaucia Maria Pastore – UNICAMP’s Vice- chancellor of Research

15:00 – 16:00  Prof. Dr. Per Sunnerhagen  
Chemical genomic profiling and SGA

16:00 -16:15  COFFEE BREAK

16:15 – 17:15  Prof. Dr. Elizabeth Bilsland  
Yeast-based high-throughput assays

June 7th, 2016

08:30 - 09:30  Prof. Dr. Daniel Kawano  
Computer-aided drug design in the discovery of antiviral drugs: from HIV to Zika virus

09:30 - 10:00  COFFEE BREAK

10:00 – 10:45  Prof. Dr. Carolina Horta Andrade  
Computational platform for drug discovery of neglected diseases

11:00 – 12:00  Prof. Dr. Marcio Dias  
Fragment based drug discovery as a strategy to identify new leads against infectious diseases
12:00 – 14:00   LUNCH

14:00 – 17:00    STUDENTS PROJECT #1
YEAST-BASED HIGH-THROUGHPUT APPROACHES
Prof. Dr. Elizabeth Bilsland
Prof. Dr. Per Sunnerhagen
Tatyana Tavella

June 8th, 2016

09:00 - 10:00   Prof. Dr. Rafael Couñago
The Structural Genomics Consortium at UNICAMP -
Supporting Drug Development Through Open-Access
Research

10:00 – 10:45   Prof. Dr. Rosmarie Friemann
In the search for new Plasmodium falciparum dihydroorotate
dehydrogenase (PfDHODH) inhibitors

10:45 - 11:00   COFFEE BREAK

11:00 – 12:00   Prof. Dr. Flavio Emery
Epigenetic drug discovery: Finding new ways to fight tropical
neglected diseases

12:00 – 14:00   LUNCH
14:00 – 17:00  STUDENTS PROJECT #2
PRIMER IN COMPUTER-AIDED DRUG DESIGN FOR
TROPICAL DISEASES
Prof. Dr. Carolina Horta Andrade
Prof. Dr. Pedro Cravo
Dr. Gustavo Capatti

June 9th, 2016

09:00 – 10:00  Prof. Dr. Danilo Miguel
Current challenges on Leishmaniasis drug discovery

10:00 – 10:45  Prof. Dr. Jose Luiz Modena
Emergent virus (Dengue and ZIKA) - Challenges and
perspectives

10:45 – 11:00  COFFEE BREAK

11:00 – 12:00  Prof. Dr. Letusa Albrecht
The potential anti-malarial activity of natural compounds from
marine invertebrates

12:00 – 14:00  LUNCH

14:00 – 14:50  Prof. Dr. Pedro Cravo
Drug-resistance in malaria

14:50 – 15:45  Prof. Dr. Carolina Borsoi
Phenotypic screening for drug discovery for Chagas’ disease
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>15:45 – 16:00</td>
<td>COFFEE BREAK</td>
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<td>16:00 – 17:00</td>
<td>Prof. Dr. Stefanie Costa Pinto Lopes</td>
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<td>Challenges and perspectives on the discovery of new drugs for vivax malaria</td>
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<td>17:00 – 18:00</td>
<td>Dr. Luciane Ganiko</td>
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<td>Advancing Drug Discovery and Cell Biology Research with the New ImageXpress Micro Confocal High-Content Screening System</td>
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**June 10th, 2016**

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<tr>
<th>Time</th>
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<tr>
<td>10:00 - 11:00</td>
<td>Prof. Dr. Morten Grotli</td>
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<td>Natural products on medicinal chemistry</td>
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<td>11:00 – 12:00</td>
<td>Prof. Dr. Adriano Andricopulo</td>
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<td>Cell signing in <em>Trypanosoma cruzi</em></td>
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<td>12:00 – 12:30</td>
<td>Prof. Dr. Fabio T M Costa</td>
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<td>Closing ceremony</td>
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