Collaborative Research Opportunities between UNSW Sydney and Srinakharinwirot University Bangkok (SWU).

Are you interested in expanding your research networks into Thailand? A delegation from the Faculty of Medicine at SWU are visiting UNSW Medicine seeking opportunities for research collaborations (e.g., joint PhD projects, sabbatical visits to UNSW).

Come and meet the delegates. May 14th LG02 9am-12:15 pm, followed by afternoon lab visits and meetings.

May 14th Draft Schedule (LG02, Wallace Wurth):

8:50: Welcome from UNSW & SWU

9:00: Introduction to SWU and Biomedical Science Postgraduate Study Program

9:10: SWU and UNSW Sample Mini-presentations - Infection, Cancer Theme
- Overview of Research Projects in this theme at SWU & Sample mini presentations
  - Wanlaya Tanechpongtamb (SWU): Natural Bioactive compounds as anti-metastatic agents
  - Srisombat Puttikamonkul (SWU): New approaches to treat \( T.\) marneffei infections
- Overview of Research Projects in this area at UNSW & Sample mini-presentations
  - UNSW Mini-presentation 1 (tba, opportunity to present your collaborative research proposal)
  - UNSW Mini-presentation 2 (tba, opportunity to present your collaborative research proposal)
- General Discussions

10:00 - 10:45 Coffee Break (foyer outside LG02 WW)

10:30-12:15. SWU and UNSW Sample Mini-presentations - Neuroscience and Non-Communicable Disease Theme
- Overview of Research Projects in this theme at SWU & Sample mini presentations
  - Amporn Jariyapongskul (SWU): Bioactive compounds and diabetic dysfunction in rats
  - Pansiri Phansuwan (SWU): Pineal gland function, aging and addiction
- Overview of Research Projects in this area at UNSW & Sample mini-presentations
  - Andrew Moorhouse (UNSW): Pipeline for discovery of novel anti-epileptic drugs
  - Margaret Morris (UNSW): Links between diet, cognition and metabolism. (to be confirmed)
  - Tim Murphy (UNSW): Functional measurements of blood vessel dysfunction in disease.
- General Discussions

12:30-1:30. Working Lunch and Discussion about collaborative PhD program.

1:30-5:00 Lab Visits (tour of WW research clusters led by Floor Delegates) and Specific Research Meetings available on request via the Doodle Poll below

Please register at https://doodle.com/poll/pf7uppt27tds2ngv where you can indicate if you want to meet the delegates. Enquiries: Andrew Moorhouse, a.moorhouse@unsw.edu.au; 0452533233.
<table>
<thead>
<tr>
<th>Delegate</th>
<th>SWU Dept/UNSW Theme</th>
<th>Research activities/Recent publication</th>
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<tbody>
<tr>
<td>Prof. Pansiri Phansuwan, Ph.D. Acting Vice President for Academic Affairs</td>
<td>Anatomy Neuroscience Mental health and Addiction</td>
<td>- Innervation of mammalian pineal gland and its control on melatonin synthesis; Clock gene expression in pineal gland; Drug addiction affecting a neurogenesis and neurodegeneration; Melatonin and aging. Recent pub: Tanawan Leeboonpong, Rachadaporn Pramong, Kwanakanit Sa-ung, Piyarat Govitrapong, Pansiri Phansuwan-Pujito. Neuroprotective effects of melatonin on amphetamine-induced dopaminergic fiber degeneration in the hippocampus of postnatal rats. J. Pineal Res. 2017;e12456.</td>
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<tr>
<td>Assoc.Prof.Chatsri Deachapunya,</td>
<td>Physiology Infectious Disease, Immunity and Inflammation</td>
<td>The regulation and mechanisms of bioactive compounds derived from herbal plant on epithelial transport using Ussing chamber setup as well as mucosal innate immunity regarding chemical and physical barrier function. Recent pub: Sriromboon, Y., Poonyachoti, S., Deachapunya, C. Soy isoflavones enhance β-defensin synthesis and secretion in endometrial epithelial cells with exposure to TLR3 agonist polyinosinic-polyctytidic acid. American Journal of Reproductive Immunology 78(4),e12694</td>
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<tr>
<td>Dr.Srisombat Puttikamonkul</td>
<td>Microbiology Infectious Disease, Immunity and Inflammation</td>
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