



NSTDA – CIRAD – IRD Virtual Matchmaking Event

5 July 2021

Link: <https://meeting-nstda.webex.com/meeting-nstda/onstage/g.php?MTID=eca243ce4e89ccb111452ec3c10a52221>

Moderators: Mr. Simon Grimley, Dr. Michel de Garine-Wichatitsky, and Dr. Olivier Evrard

14:45 – 15:00 Overview of NSTDA by Dr Lily Eurwilaichitr, Vice President International, NSTDA

15:00 – 15:40 NSTDA-CIRAD-IRD collaboration on Health

1. ZIKA Virus **(15:00 – 15:10 hrs.)**

- [IRD] Presentation on “Zika virus: from the skin to the brain” by Dr. Dorothee Misse
- [NSTDA] Presentation on “Development of an in vitro model to study ZIKV vertical transmission” by Dr. Teerawat Wiwatpanit, Researcher, Frontier Biodesign and Biomolecular Engineering Research Team

2. Epidemiology of infectious diseases **(15:10 – 15:25 hrs.)**

- [CIRAD] Presentation on “Disease ecology: from the field to the laboratory and back” by Dr. Serge Morand
- [IRD] Dr. Rodolphe Hamel
- [NSTDA] Presentation on “Target-based approach for antifolate drug discovery” by Dr. Darin Kongkasuriyachai, Team Lead, Protein-Ligand Engineering and Molecular Biology Research Team

3. Control of mosquito-borne diseases in Thailand **(15:25 – 15:40 hrs.)**

- [IRD] Dr. Sylvie Manguin
- [KU] Prof Theeraphap Chaeronviriyaphap
- [NSTDA] Dr. Natapong Jupatanakul

15:40 – 15:55 Discussion and wrap up by Dr. Michel de Garine-Wichatitsky

15:55 – 16:35 NSTDA-CIRAD-IRD collaboration on biodiversity, agriculture and biotechnology

4. Biodiversity modelling at multiple scales (**15:55 – 16:10 hrs.**)

- [IRD] Dr. Emmanuel Paradis + Dr. Maxime Rejou-Mechain
- [NSTDA] Dr. Sissades Tongsim

5. Innovative Rubber Production and Transformation (**16:10 – 16:25 hrs.**)

- [NSTDA] Dr. Pasaree Laokijcharoen, Researcher, Rubber Engineering-Solution and Standard Research Team
- [CIRAD] Presentation on “Ecophysiology and sustainability of rubber tree plantations in a context of climate change” by Dr. Yann Nouvellon

6. Agricultural and soil sciences, Perennial cropping systems (**16:25 – 16:35 hrs.**)

- [CIRAD] Presentation on “Assessing rubber plantations performances toward agroecological transition: from soil health to global smallholders farms sustainability” by Dr. Alexis Thoumazeau
- [Suranaree University of Technology] Presentation on “Symbiosis for tropical legumes” by Dr. Panlada Tittaburt

16:35 – 16:50 Discussion and wrap up by Dr. Olivier Evrard

16:50 – 17:00 Q & A

17:00 End of Program
