



February 21, 2016 5:00 PM, ERB Room 120

Second Annual LASSB Mini-symposium on Systems and Synthetic Biology

5:00 - 5:05 Opening and welcoming remarks
Kourosh Salehi-Ashtiani, NYUAD

Panel I - Sustainability and Synthetic Biology

5:05 - 5:25 *Cellulolytic activity of soilborne fungi isolated from mangrove sediments of Abu Dhabi*
Lina Yousef, Masdar Institute, Abu Dhabi, UAE

5:25 - 5:45 *Tissue-specific gene expression sheds light on organismal dynamics in the mangrove species *Avicennia marina*.*
David Nelson, NYUAD, Abu Dhabi, UAE

5:45 - 6:05 *Intracellular spectral recomposition of light for improving photosynthetic efficiency in the marine diatom *Phaeodactylum tricournutum**
Weiqi Fu, NYUAD, UAE, and the University of Iceland, Reykjavik, Iceland

6:05 - 6:10 **Break**

Panel II - Systems Biology of Host - Pathogen Interactions

6:10 - 6:30 *Host-pathogen interactomes between human RNA viruses and the human proteome*
Jean-Claude Twizere, Université de Liège, Belgium

6:30 - 6:50 *Onchocerca Volvulus, a potential source of adjuvants and immunosuppressants*
Joseph Koussa, NYUAD, Abu Dhabi, UAE, and NYU, New York, USA

6:50 - 7:00 Closing remarks and discussions