

# Joint BTI-IMCB-SynCTI Workshop

## Programme Schedule

Time	Item
0830 – 0930	<b>Registration &amp; Breakfast</b>
0930 – 0945	<p><b>Welcome Remarks</b>  <b>Kong Peng LAM</b>                      Executive Director, Bioprocessing Technology Institute, A*STAR  <b>Wanjin HONG</b>                      Executive Director, Institute of Molecular and Cell Biology, A*STAR  <b>Khay Guan YEOH</b>                      Dean, Yong Loo Lin School of Medicine, National University of Singapore</p>
<p><b>Session I</b>  <b>Chair: Matthew CHANG</b>                      Associate Professor, Department of Biochemistry, Yong Loo Lin School of Medicine, NUS                      Programme Leader, NUS Synthetic Biology for Clinical and Technological Innovation</p>	
0945 – 1010	<p><b>Uttam SURANA</b>                      Research Director, Institute of Molecular and Cell Biology, A*STAR  <i><b>Of yeast surrogacy, splicing modulation and therapeutic goals</b></i></p>
1010 – 1035	<p><b>Bing LIM</b>                      Associate Vice President for Research Science, Merck Research Laboratories, Translational Medical Research Center, Merck Sharp and Dohme, Singapore  <i><b>Synthetic Biology in Drug Discovery and Development</b></i></p>
1035 – 1100	<p><b>Wen Shan YEW</b>                      Associate Professor, Department of Biochemistry, Yong Loo Lin School of Medicine, NUS, NUS Synthetic Biology for Clinical and Technological Innovation  <i><b>New Wine from Old Barrels in Synthetic Enzymology: Establishing Toolkits and Repurposing Biology</b></i></p>
<p><b>Session II</b>  <b>Chair: Hong Hwa LIM</b>                      Research Scientist, Institute of Molecular and Cell Biology, A*STAR                      Senior Scientist, Bioprocessing Technology Institute, A*STAR</p>	
1100 – 1125	<p><b>Andrea CAMATTARI</b>                      Associate Staff Scientist, Bioprocessing Technology Institute, A*STAR  <i><b>Microbial cells synthetic biology: tools for Pichia pastoris and other unconventional microbes</b></i></p>
1125 – 1150	<p><b>Robin PHILP</b>                      Academic Market Specialist for South East Asia, Agilent Technologies  <i><b>Multi-omic Workflows: Opportunities in Synthetic Biology</b></i></p>
1150 – 1215	<p><b>Hua LING</b>                      Senior Research Fellow, Department of Biochemistry, Yong Loo Lin School of Medicine, NUS, and NUS Synthetic Biology for Clinical and Technological Innovation  <i><b>Engineering microbes for valuable compounds</b></i></p>
1215 - 1315	<b>Lunch</b>
<p><b>Session III</b>  <b>Chair: Dave Ow</b>                      Associate Staff Scientist, Bioprocessing Technology Institute, A*STAR</p>	
1315 – 1340	<p><b>Yuansheng YANG</b>                      Staff Scientist, Bioprocessing Technology Institute, A*STAR  <i><b>Developing genetic tools for mammalian cell synthetic biology and applications in biologics manufacturing</b></i></p>
1340 – 1405	<p><b>Kengo FUKUI</b>                      General Manager, Chitose Bio Evolution  <i><b>Host cell line and platform development for biopharmaceutical production in Chitose</b></i></p>
1405 – 1430	<p><b>In Young HWANG</b>                      Research Fellow, Department of Biochemistry, Yong Loo Lin School of Medicine, NUS and NUS Synthetic Biology for Clinical and Technological Innovation  <i><b>Smart probiotics for therapeutic applications</b></i></p>
1430 – 1455	<p><b>Jay YANG</b>                      Asia-Oceania Business Manager, Singer Instruments  <i><b>The recent advances in robotic automation for high-throughput colony picking and screening in yeast and other microbial organisms.</b></i></p>
1455 – 1520	<p><b>Dong Yup LEE</b>                      Assistant Professor, Department of Chemical and Biomolecular Engineering, NUS Senior Scientist, Bioprocessing Technology Institute, A*STAR and NUS Synthetic Biology for Clinical and Technological Innovation  <i><b>Mammalian systems biotechnology: an integrative framework for combining in silico modeling and multi-omics datasets in various CHO cell lines</b></i></p>
1520 – 1530	<p><b>Closing Summary</b>  <b>Uttam SURANA</b>                      Research Director, Institute of Molecular and Cell Biology, A*STAR</p>