

**Program-at-a-Glance**  
**The 30<sup>th</sup> Annual Meeting of Thai Society for Biotechnology and International Conference**  
**“TSB2018: Bridging Research and Society’s Needs”**

**Day 1: Thursday 22<sup>nd</sup> November 2018**

<b>Time</b>	<b>Convention A</b>	<b>Convention B</b>	<b>Cattleya 1</b>	<b>Garden 1</b>	<b>Peony 3</b>	<b>Con C</b>	<b>Con D</b>	<b>Foyer</b>		
08:00-09:00	<b>Registration</b> (In front of Convention A/B)									
09:00-09:30	<b>Opening Ceremony</b> (Convention A/B)									
	<b>Keynote Session I:</b>					<b>Booth Exhibition</b>	<b>Poster Exhibition</b>	<b>Booth Exhibition</b>		
09:30-10:00	<b>K-1: Prof. Itaru Hamachi</b> “Chemical labeling of membrane-proteins for imaging and drug screening”									
10:00-10:30	<b>K-2: Prof. Marc Stadler</b> “New biologically active secondary metabolites from tropical <i>Basidiomycota</i> ”									
10:30-11:00	<b>Coffee Break</b> (In front of Convention A/B & Inside Convention C)									
11:00-11:30	<b>Taguchi Prize Announcement &amp; Presentation</b>									
11:30-12:00	<b>Ajinomoto Award Announcement &amp; Presentation</b>									
12:00-13:30	<b>Lunch</b>									
	<b>Ajinomoto Lunch Talk</b> 12:30-13:00 (Salathai, 3 <sup>rd</sup> Floor) Asst.Prof. Hiroyuki Kato “Significance of protein and amino acids in postexercise period”				<b>Buffet Lunch</b> For Exhibitors: 11:00-12:00 (Orchid 4, 3 <sup>rd</sup> Floor) For Participants: 12:00-13:30 (Orchid 3, 3 <sup>rd</sup> Floor)					
	<b>Session 1: BMB-1</b> Biopharmaceuticals and Medical Biotechnology	<b>Session 2: BSC-1</b> Biomarkers and Stem Cell Therapeutics	<b>Session 3: MMR-1</b> Microbiology and Microbiome Research	<b>Session 4: MBB-1</b> Molecular Biology and Bioinformatics	<b>Joint Symposium 1:</b> Thailand-Japan Joint Seminar					
13:30-13:55	<b>I-1: Asst.Prof. Surang Charnkamhaengdech</b> “Characterization of bacteriophages infecting <i>Clostridium difficile</i> ”	<b>I-2: Prof. Masahiro Kino-Oka</b> “A novel strategy for simple expansion of human pluripotent stem cells”	<b>I-4: Asst.Prof. Eleni Gentekaki</b> “Gut microbiota in Northern Thai populations”	<b>I-5: Asst.Prof. Varodom Charoensawan</b> “Less is more? Systems biology of gene expression regulation at single-cell resolution”	<b>I-6: Prof. Kazuhito Fujiyama</b> “Molecular breeding of yeast strains isolated in Thailand-Anniversary of forty years’ friendship between Thailand-ICBiotech, Osaka University”			<b>Booth Exhibition</b>	<b>Poster Exhibition</b>	<b>Booth Exhibition</b>

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	<b>Session 1: BMB-1</b> Biopharmaceuticals and Medical Biotechnology	<b>Session 2: BSC-1</b> Biomarkers and Stem Cell Therapeutics	<b>Session 3: MMR-1</b> Microbiology and Microbiome Research	<b>Session 4: MBB-1</b> Molecular Biology and Bioinformatics	<b>Joint Symposium 1:</b> Thailand-Japan Joint Seminar	Booth Exhibition	Poster Exhibition	Booth Exhibition
13:55-14:45	<b>Oral Presentation I (BMB-1)</b>	<b>I-3: Assoc.Prof. Kwanchanok Viravaidya</b> “Automated Tissue Culture (ATK) for Regenerative Medicine” <b>Oral presentation II (BSC-1)</b>	<b>Oral Presentations III (MMR-1)</b>	<b>Oral Presentations IV (MBB-1)</b>	<b>TJ Joint Seminar</b> “The cutting edge of biotechnology for human wellness”			
14:45-15:30	<b>Coffee Break</b> (In front of Convention A/B, Inside Convention C, In front of Garden 1 & Inside Cattleya 1)							
	<b>Session 5: BMB-2</b> Biopharmaceuticals and Medical Biotechnology	<b>Session 6: MBB-2</b> Molecular Biology and Bioinformatics	<b>Session 7: MMR-2</b> Microbiology and Microbiome Research	<b>Session 8: MBB-3</b> Molecular Biology and Bioinformatics	<b>Joint Symposium 1:</b> Thailand-Japan Joint Seminar	Booth Exhibition	Poster Exhibition	Booth Exhibition
15:30-16:45	<b>I-7: Assoc.Prof. Shigeru Kitani</b> “to be announced” <b>Oral Presentation V (BMB-2)</b>	<b>Oral Presentations VI (MBB-2)</b>	<b>I-8: Assoc.Prof. Chanwit Tribuddharat</b> “to be announced” <b>Oral Presentations VII (MMR-2)</b>	<b>I-9: Assoc.Prof. Laran T. Jensen</b> “Identification of molecular pathways that promote organophosphate insecticide sensitivity” <b>Oral Presentations VIII (MBB-3)</b>	<b>TJ Joint Seminar</b> “The cutting edge of biotechnology for human wellness”			
16:45-17:00	<b>Short Talks 1</b>	<b>Short Talks 2</b>	<b>Short Talks 3</b>	<b>Short Talks 4</b>				
17:00-18:00			<b>The 30<sup>th</sup> TSB Annual Meeting (Members Only)</b>				<b>Poster Presentation I (All posters)</b>	
18:00-21:00	<b>Reception Dinner</b> (Salathai, 3 <sup>rd</sup> Floor)							

**Day 2: Friday 23<sup>rd</sup> November 2018**

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	<b>Keynote Session II:</b>	<b>Keynote Session III:</b>	<b>Special Session</b>					
09:00-09:30	<b>K-3: Prof. Shau-Wei Tsai</b> “Lipase-catalyzed synthesis of optically pure 2-arylcyclopropylcarboxylic acids and amides”	<b>K-6: Dr. Robins P. McIntosh Jr.</b> “Biotechnology: The impact on the Thai shrimp industry today and in the future”	<b>TCELS Special Conference</b>  “New era of regenerative medicine”	<b>POP Special Talk</b>  “Partnership Opportunity”		Booth Exhibition	Poster Exhibition	Booth Exhibition
09:30-10:00	<b>K-4: Prof. Alain Durand</b> “Enzymatic catalysis of interfaces: A fantastic opportunity for the preparation of colloidal dispersions”	<b>K-7: Dr. Eric Gohet</b> “Bridging research and society's needs in agriculture – Application to the rubber tree”						
10:00-10:30	<b>K-5: Prof. Pavinee Chinachoti</b> “Food innovation and safety for consumer of tomorrow”	<b>K-8: Prof. Ko Kato</b> “Transgene expression system in plants optimizing translation process using informatics”						
10:30-10:45	<b>Short Talks 5</b>	<b>Short Talks 6</b>						
10:45-11:00	<b>Coffee Break</b> (In front of Convention A/B, Inside Convention C, In front of Garden 1 & Inside Cattleya 1)							
11:00-12:30			<b>TCELS Special Conference</b>  “New era of regenerative medicine”			Booth Exhibition	<b>Poster Presentation II</b> (All posters)	Booth Exhibition
12:30-13:30	<b>Lunch</b>							
	<b>Shimadzu Lunch Talk</b> 13:00-13:30 (Salathai, 3 <sup>rd</sup> Floor) Dr. Wang Tianhua “Striving for Excellence in Life science with Shimadzu : 30 <sup>th</sup> year Anniversary in MALDI-TOF”				<b>Buffet Lunch</b> For Exhibitors: 12:30-13:30 (Orchid 4, 3 <sup>rd</sup> Floor) For Participants: 12:30-13:30 (Orchid 3, 3 <sup>rd</sup> Floor)			

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	<b>Session 9: FBS-1</b> Food Biotechnology and Food Safety	<b>Session 10: AEB-1</b> Agricultural & Environmental Biotechnology	<b>Session 11: BBE-1</b> Biotransformation and Bioprocess Engineering	<b>Session 12: CSB-1</b> Chemical and Synthetic Biology	<b>Joint Symposium 2:</b> Thailand-Taiwan Joint Seminar	Booth Exhibition	Poster Exhibition	Booth Exhibition
13:45-14:10	<b>I-9: Asst.Prof. Nuttawee Niamsiri</b> “Current trends in waste valorization for the production of functional biomaterials in Thai food”	<b>I-10: Dr. Verawat Champreeda</b> “Discovery, design and engineering of enzyme systems for biorefinery”	<b>I-11: Assoc.Prof. Penjit Srinophakun</b> “Biodiesel Feed Stock: key success of energy research and development”	<b>I-12: Prof. Akio Ojida</b> “Selective and reversible covalent modification of non-catalytic cysteines with weakly reactive $\alpha$ -chlorofluoroacetamides”	<b>I-14: Prof. Wen-Chien Lee</b> “Promoting collaboration on biotechnology innovation in Asia”			
14:10-15:00	<b>Oral Presentation IX (FBS-1)</b>	<b>Oral Presentation X (AEB-1)</b>	<b>Oral Presentation XI (BBE-1)</b>	<b>I-13: Dr. Pakpoom Supsoontorn</b> “Toward microbiome engineering: an update on synthetic biology for non-model microbes and microbial consortia” <b>Oral Presentation XII (CSB-1)</b>	<b>TT Joint Seminar</b> “Promoting collaboration on biotechnology innovation in Asia”			
15:00-15:30	<b>Coffee Break</b> (In front of Convention A/B, Inside Convention C, In front of Garden 1 & Inside Cattleya 1)							
	<b>Session 13: FBS-2</b> Food Biotechnology and Food Safety	<b>Session 14: AEB-2</b> Agricultural & Environmental Biotechnology	<b>Session 15: BBE-2</b> Biotransformation and Bioprocess Engineering	<b>Session 16: AEB-3</b> Agricultural & Environmental Biotechnology	<b>Joint Symposium 2:</b> Thailand-Taiwan Joint Seminar	Booth Exhibition	Poster Exhibition	Booth Exhibition
15:30-15:55	<b>I-15: Prof. Suwimon Keeratipibul</b> “Environmental monitoring program for controlling pathogen contamination in food products”	<b>I-16: Dr. Kalaya Daengtip</b> “An International Network for Shrimp Health (INSH) to bridge the gap between research, policy and the farmer”	<b>I-17: Prof. Takeshi Omasa</b> “Next-generation therapeutic antibody production using CHO cell platform”	<b>Oral presentation XVI (AEB-3)</b>	<b>TT Joint Seminar</b> “Promoting collaboration on biotechnology innovation in Asia”			
15:55-16:45	<b>Oral presentation XIII (BBE-2)</b>	<b>Oral presentation XIV (AEB-2)</b>	<b>Oral presentation XV (BBE-2)</b>					
17:00-18:00	<p align="center"><b>Poster Award Announcement (Convention A)</b>  <b>Presentation of TSB Flag Emblem</b>  <b>Closing Remark</b></p>							