

International Conference on Biosciences & Medical Engineering (ICBME 2019)

**Towards innovative research and cross-
disciplinary collaborations**

Prime Plaza Hotel, Sanur, Bali, Indonesia | 11-12 April 2019

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ORAL PRESENTATION

	TIME	VENUE		
		MAIN HALL	MAIN HALL	MAIN HALL
Day 1 11th April 2019 (Thursday)	8.00 am – 8.30 am	Registration		
	8.30 am – 8.45 am	Welcome Address by Master of Ceremony		
	8.45 am – 9.00 am	Opening by Dean of the Faculty of Agricultural Technology, Udayana University		
	9.00 am – 9.15 am	Welcoming Speech by Chairman of ICBME 2019		
	9.30 am – 10.00 am	Keynote I		
	10.00 am – 10.30 am	Keynote II		
	10.30 am – 11.00 am	-Tea Break-		
	Breakup Session	ROOM 1A	ROOM 1B	ROOM 1C
	11.00 am – 11.30 am	Plenary 1A&Chairperson1	Plenary 1B&Chairperson2	Plenary 1C&Chairperson3
	11.30 am – 11.45 am	1A1	1B1	1C1
	11.45 am – 12.00 pm	1A2	1B2	1C2
	12.00 pm – 1.30 pm	Break/Lunch		
	1.30 pm – 1.45 pm	1A3 & Chairperson4	1B3 & Chairperson5	1C3 & Chairperson6
	1.45 pm – 2.00 pm	1A4	1B4	1C4
	2.00 pm – 2.15 pm	1A5	1B5	1C5
	2.15 pm – 2.30 pm	1A6	1B6	1C6
	2.30 pm – 2.45 pm	1A7	1B7	1C7
2.45 pm – 3.00 pm	1A8	1B8	1C8	
3.00 pm – 3.15 pm	Tea Break			
3.15 pm – 3.30 pm	1A9 & Chairperson7	1B9 & Chairperson8	1C9 & Chairperson9	
3.30 pm – 3.45 pm	1A10	1B10	1C10	
3.45 pm – 4.00 pm	1A11	1B11	1C11	
4.00 pm – 4.15 pm	1A12	1B12	1C12	
4.15 pm-4.30 pm	1A13	1B13	1C13	
4.30 pm – 4.45 pm	1A14	1B14	1C14	
4.45 pm-5.00 pm	1A15	1B15	1C15	
5.00 pm-5.15 pm	1A16	1B16	1C16	
7.00 pm – 9.30 pm	GRAND DINNER (FREE)			

	TIME	VENUE		
Day 2 12th April 2019 (Friday)	8.00 am – 8.30 am	Registration Room 2A	Registration Room 2B	Registration Room 2C
	8.30 am – 8.45 am	2A1 & Chairperson10	2B1 & Chairperson11	2C1 & Chairperson12
	8.45 am – 9.00 am	2A2	2B2	2C2
	9.00 am – 9.15 am	2A3	2B3	2C3
	9.15 am – 9.30 am	2A4	2B4	2C4
	9.30 am – 9.45 am	2A5	2B5	2C5
	9.45 am – 10.00 am	2A6	2B6	2C6
	10.00 am – 10.15 am	Tea Break		
	10.15 am – 10.30 am	2A7 & Chairperson13	2B7 & Chairperson14	2C7 & Chairperson15
	10.30 am – 10.45 am	2A8	2B8	2C8
	10.45 am – 11.00 am	2A9	2B9	2C9
	11.00 am – 11.15 am	2A10	2B10	2C10
	11.15 am – 11.30 am	2A11	2B11	2C11
	11.30 am – 11.45 am	2A12	2B12	2C12
	11.45 am – 12.00 pm	2A13	2B13	2C13
	12.00 pm – 12.15 pm	2A14	2B14	2C14
12.15 pm – 2.30 pm	Break/Lunch/Friday Prayer			
2.30 pm – 2.45 pm	2A15 & Chairperson16	2B15 & Chairperson17	2C15 & Chairperson18	
2.45 pm – 3.00 pm	2A16	2B16	2C16	
3.00 pm – 3.15 pm	2A17	2B17	2C17	
3.15 pm – 3.30 pm	Tea Break	Tea Break	Tea Break	
3.30 pm – 3.45 pm	2A18	2B18	2C18	
3.45 pm – 4.00 pm	2A19	2B19	2C19	
4.00 pm – 4.15 pm	2A20	2B20	2C20	
Main Hall	4.15 pm – 4.45 pm	Closing Remarks	Closing Remarks	Closing Remarks

POSTER PRESENTATION ICBME 2019

Day 1 11th April 2019 (Thursday)		Day 2 12th April 2019 (Friday)
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38	P381	P382
39	P391	P392
40	P401	P402

Keynote Speaker I - Professor Chiharu Nakamura



Professor Dr. Chiharu Nakamura

Professor Emeritus (Kobe University)

Department of Plant Life Science, Faculty of Agriculture, Ryukoku University, Japan

Dr. Chiharu Nakamura, Professor Emeritus, Kobe University, is currently a professor of Plant Genetics at Department of Plant Life Science, Ryukoku University. During 2009–2013, he served as Executive Vice-President of Kobe University. He also served as Director of Center for Collaborative Research and Technology Development (CREATE) where university's major corporate partnerships are handled. As one of the professionals in plant genetics, he received the BS at Kyoto University (1974) and later achieved the MS (1976) and PhD (1979) at Colorado State University, USA. In addition, he experienced a post-doctoral fellow at Ottawa Research Station, Agriculture Canada, during 1979-1981. He started his academic career in 1981 as an assistant professor in the Faculty of Agriculture at Kobe University.

Since then, he continuously contributed at Kobe University, as from the professor to the Dean of Graduate School of Agricultural Science, publishing more than 190 papers in peer-reviewed international journals and achieved in a wide and diverse dimension including academic and management sector at the university. In 2009, after serving as Director of Radioisotope Research Center and Research Center for Environmental Genomics, he was elected the executive vicepresident of Kobe University, mainly responsible on university's international relations as well as corporate partnerships for greater social contribution. In 2015, two years after retirement from Kobe University, he became a professor at a newly established Faculty of Agriculture, Ryukoku University, which is an oldest and private university in Japan. For his contribution in academic collaboration, he was awarded Doctor Honoris Causa from Agricultural Academy of Republic of Bulgaria in 2010 and an honorable professorship from Universidad de Norte of Paraguay in 2011.

Keynote Speaker II - Professor Shahrul Hisham Zainal Ariffin



Professor Shahrul Hisham Zainal Ariffin

Faculty of Science & Technology, School of Biosciences & Biotechnology,

Universiti Kebangsaan Malaysia, 43600 UKM Bangi,

Selangor, Malaysia

Professor Shahrul Hisham Zainal Ariffin received his degree of honour at University of Malaya in Biochemistry in 1994. He then continued Master of Science at Fakulti Sains Hayat, Universiti Kebangsaan Malaysia (UKM) in the year 1995 with research specialised in Molecular Biology and finished in 1997. He pursued his PhD under MOSTI and UKM scholarships at the Department of Biomolecular Science, University of Manchester Institute of Science and Technology (UMIST), United Kingdom. His PhD work focused on the molecular of adult blood stem cell which involved the mechanisms of blood cells' development and differentiation and completed in 2002. His career as an academician and researcher flourished further and was appointed as a Professor (VK7) in the field of Stem Cell Development in 2013. His current research is on cell biology of stem cells. He also involved in the cell toxicity study collaborate with Tacara Industry, Sabah and molecular MARs element with INNOBIO, Nilai, Negeri Sembilan.

He also involved in developing a new technology for isolation of mice and human blood stem cells with the Institute Micro Engineering and Nanotechnology (IMEN), UKM. Through his collaboration with Faculty of Dentistry, UKM, a clinical research involving the mechanism of tooth movement during orthodontic treatment and the effects of root resorption were done in the field of Molecular Biology, Cell and Biochemistry. Currently, Professor Shahrul has published more than 140 scientific writings, in the form of journals, proceedings, chapter in books, books and popular articles. He is also a member of TESMA and a life-time member of Genetics Society of Malaysia. Aside from teaching and supervising student at the level of undergraduate, master, and PhD in his own specialty. i.e., cell biology, molecular, biochemistry and genetics, Professor Shahrul Hisham also supervised other students from different discipline such as clinical specialists training in orthodontics from Faculty of Dentistry, UKM.

Plenary Speaker I - Professor Teruo Sone



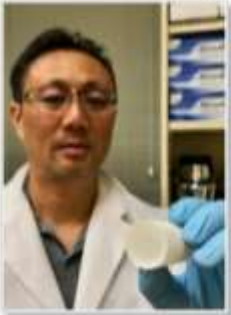
Professor Teruo SONE

**Research Faculty of Agriculture & Research Innovation,
Hokkaido University**

Agriculture

Dr. Sone obtained his PhD. in Agriculture from Hokkaido University in year 1997 and Master of Agriculture also from Hokkaido University. His main interests are in many subjects including Agriculture & Plant pathology, Agricultural chemistry and Applied Microbiology. He is also active in an International Society of Molecular Plant-Microbe Interactions. Currently, he is working at Research Faculty of Agriculture & Research Innovation and Cooperation in Hokkaido University. He also serves Global Institute for Collaborative Research and Education also in Hokkaido University.

Plenary Speaker II - Associate Professor Dr. Chung-Ho Lin



Associate Professor Dr. Chung-Ho Lin

Center for Agroforestry, University of Missouri (MU), USA

Bio-chemistry and Molecular Biology or Environment & Energy

Dr. Lin is the Research Associate Professor and lead scientist who is in charge of bioremediation and natural products research programs at the Center for Agroforestry at University of Missouri (MU). He has been exploring the utilization of plants and bacteria for the development of bioeconomy. Dr. Lin primary research foci include 1) identifying the new uses of the high-valued natural products isolated from the waste and byproducts, and 2) developing novel biocatalyst systems for production of biofuel and specialty chemicals. Over the past 5 years, Dr. Lin and his team have successfully transferred their inventions to the industry. The spin-off start-ups from his translational research projects have created >30 full-time positions for scientists and professionals in the region.

Plenary Speaker III - Professor Nuri Andarwulan



Professor Nuri Andarwulan

Department of Food Science and Technology, Bogor Agricultural University

Nuri Andarwulan received her PhD (2000) in Food Science from Bogor Agricultural University with a sandwich program at the University of Massachusetts, Amherst USA. She accomplished non-degree trainings in overseas and in the country. Currently, she is a lecturer at the Department of Food Science and Technology, Bogor Agricultural University and researcher at the Southeast Asian Food and Agricultural Science and Technology (SEAFAST) Center, also at the same university. She also holding a post as the Director of the center. She has published more than 25 papers in reputable journals and has been serving as a reviewer of various international journals in her field of interest. She leads several projects for improvement in education quality funded by international funding agencies in Indonesia.

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