

Biochemical Education: the 21st Century Approach (IUBMB sponsored FAOBMB Education Symposium & Workshop)

日 時 : 12月6日(水)9:00~11:30

会 場 : 第11会場(神戸ポートピアホテル 南館 地下1階 ダイヤモンド)

座 長 : Siok Im Koh (Singapore Polytechnic)

中西 真弓(岩手医科大学)

- 9:00~9:30 Team based learning and basic skills analysis in biochemical education
鈴木 敬一郎(兵庫医科大学)
- 9:30~10:00 UP Manila's Undergraduate Biochemistry Education : Gearing for the Twenty
First Century
Marilou G. Nicolas (University of the Philippine Manila, Philippines)
- 10:00~10:30 Vision and role of the International Union of Biochemists and Molecular
Biologists in Biochemistry and Molecular Biology in 21st Century Education
Janet O Macaulay (Monash University, Australia)
- 10:30~11:00 The development of innovative and engaging digital simulations for the
laboratory based teaching of Biochemistry
Maurizio Costabile (University of South Australia, Australia)
- 11:00~11:30 Practical advice on developing and implementing inquiry-based laboratories
Masha Smallhorn (Flinders University, Australia)

Lectures by FAOBMB Travel Fellows

日 時 : 12月6日(水) 18:45~20:15

会 場 : 第15会場(神戸国際会議場 3階 レセプションホール)

座 長 : Sheila Nathan (Chair of FAOBMB Fellowships Committee)

- 18:45~19:00 TF-1 (2P-0973)
Feeding dividing hepatocytes: Analysis of metabolism during liver regeneration
Matias Caldez (IMCB, Singapore)
- 19:00~19:15 TF-2 (2P-0918)
DDX3X modulates antiviral cytokine expression via the exportin-1 pathway
Steven Heaton (Monash University, Australia)
- 19:15~19:30 TF-3 (2P-0068)
Mechanism of regulation of the flavin reductase activity of *Acinetobacter baumannii*
phydroxyphenylacetate 3-hydroxylase (HPAH) by aromatic ligands
Danaya Pakotiprapha (Mahidol University, Thailand)
- 19:30~19:45 TF-4 (2P-0119)
Inhibitory effect of ionic liquid 1-Butyl-3-methylimidazolium bromide on amyloid
fibrillation in lysozyme
Anirban Basu (Jadavpur University, India)

19:45~20:00 TF-5 (2P-0550)

Aberrant methylation associated with silencing of TUBB3A, SOCS3 and CCNA1 in FLT3-ITD and NMP1 positive Acute Myeloid Leukaemia patients
Siti Asmaa Mat Jusoh (Universiti Sains Malaysia, Malaysia)

20:00~20:15 TF-6 (2P-0347)

Lineage specific functions of a microcephaly gene (*wdr62*) and interactions with Aurora A Kinase promote neural stem cell proliferation and brain growth
Dominic Chi-Hiung Ng (University of Queensland, Australia)

FAOBMB Award for Research Excellence Lecture Immunity to vitamin B metabolites

日 時 : 12月7日(木)9:00~9:55

会 場 : 第11会場(神戸ポートピアホテル 南館 地下1階 ダイアモンド)

座 長 : Zengyi Chang (President of FAOBMB)



Jamie Rossjohn

(Infection and Immunity Program and Department of Biochemistry and Molecular Biology, Biomedicine Discovery Institute, Monash University, Australia/ ARC Centre of Excellence in Advanced Molecular Imaging, Monash University/ Institute of Infection and Immunity, Cardiff University, School of Medicine, UK)

FEBS Lecture

Understanding stem cell regenerative decline with aging

日 時 : 12月7日(木)9:55~10:40

会 場 : 第11会場(神戸ポートピアホテル 南館 地下1階 ダイアモンド)

座 長 : Phillip Nagley (Secretary General of FAOBMB)



Pura Muñoz-Cánoves

(Pompeu Fabra University and ICREA, Barcelona/ Spanish National Cardiovascular Research Center, Madrid, Spain)

FAOBMB Entrepreneurship Award Lecture

Chemical therapeutics of congenital diseases by manipulating transcriptome

日時:12月7日(木)10:40~11:30

会場:第11会場(神戸ポートピアホテル 南館 地下1階 ダイアモンド)

座長:Zengyi Chang (President of FAOBMB)



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