

Asia-Pacific Journal of Food Safety and Security

OPEN ACCESS

(ISSN 2422-9555)



Editorial Team

Editor-in-Chief William W. Riley, PhD Professor of Food Science and Nutrition University of the Philippines-Diliman, Quezon City, Philippines	Co-editor-in-Chief Malik Altaf Hussain, PhD Adjunct Senior Lecturer Department of wine, Food and Molecular Biosciences, Lincoln University, Lincoln, New Zealand
Associate Editor-in-Chief Ravi Goonartne, PhD Professor of Toxicology Department of wine, Food and Molecular Biosciences, Lincoln University, Lincoln, New Zealand	Associate Editor-in-Chief Ida Idayu Muhamad, PhD Head, Bioprocess & Polymer Engineering Department, Faculty of Chemical and Energy Engineering, Universiti Teknologi Malaysia, Johor Bahru, Johor, Malaysia
Editorial Board Members	
Senior Board Members	
Professor Shuze Tang, PhD Deputy Director, Institute of Food Safety & Nutrition, Jinan University, Guangzhou, China	Professor Xi-Yang (Kent) Wu, PhD Deputy Dean, International School, Jinan University, Guangzhou, China
Stephen On, PhD Associate Professor, Food Microbiology Department of wine, Food and Molecular Biosciences, Lincoln University, Lincoln, New Zealand	Marzieh Hosseinienezhad, PhD Director of International Scientific Cooperation Office, Research Institute of Food Science and Technology (RIFST), Mashhad, Iran
Board Members	
Latiful Bari, PhD Principal Scientist, Center for Advanced Research in Sciences, University of Dhaka, Dhaka-1000, Bangladesh	Dam, Sao Mai, PhD. Dean, the Institute of Biotechnology and Food Technology, Industrial University of Ho Chi Minh City, Vietnam
Yanti Maslina Jusoh, PhD Senior Lecturer, Department of Bioprocess Engineering, Faculty of Chemical Engineering, Universiti Teknologi Malaysia	Aly El Sheikha, PhD Research Scientist, McMaster University, Canada
Sachin Gupta, PhD Assistant Professor, Division of Plant Pathology, Sher-e- Kashmir University of Agricultural Sciences and Technology of Jammu, J&K (India)	Alaa El-Din Ahmed Bekhit, PhD Department of Food Science, University of Otago, Dunedin, New Zealand

Editorial Team of the Special Issue

Professor Mushtaq A. Saleem, PhD (Chair)

Dean Faculty of Life Sciences, University of Central Punjab, Lahore, Pakistan

Visit journal website to access online version: <http://apjfss.wix.com/apjfss>

Asia-Pacific Journal of Food Safety and Security

**Special Issue**
International Symposium on Food Security, Quality and Safety 2018
27-28th November 2018
Lahore, Pakistan

Volume 4, Issue 4
October – December 2018
ISSN 2422-9555

International Symposium on Food Security,
Quality and Safety 2018 (ISFSQS2018)
November, 27-28
University of Central Punjab, Lahore, Pakistan





Food Security
Food Quality
Food Safety



Contents of this issue

Editorial: Food security challenges to end hunger by 2030 <i>Malik Altaf Hussain and Mushtaq A. Saleem</i>	1-3
Opinion: Emerging Food Safety hazards in global food supply <i>Ravi Gooneratne</i>	4-9
Opinion: Food sustainability and global food supply <i>Ida Idayu Muhamad</i>	10-15
Opinion: Global food security challenges and international efforts to tackle them <i>Malik Altaf Hussain</i>	16-20
Paper: Food safety challenges, research programs and opportunities in Iran <i>Marzieh Hosseininezhad and</i>	21-29