

Final Program

**SCON FOOD SCIENCE-2019**

**SCON International  
Conference on**

**Food Science,  
Nutrition and  
Public Health**

**June 27-28, 2019 | Singapore**

**Theme**

*Promulgating latest Innovations  
& Applications in the field of  
Nutrition and Food Technology*

**Supporting Journals**

**Journal of Nutrition and Obesity  
&**

**Journal of Food Technology and Food Chemistry**

**Organized by**



**SCHÓLARENA**

## Day 1 - June 27, 2019 @ Van Kleef, Level 2

09:00 - 09:30 Registrations

09:30 - 10:00 Opening Ceremony & Introduction

### Keynote Forum

- 10:00 - 10:30 **The Prevalence of Dairy Immune Reactivity in Patients with Wheat-Related Immune Reactivity**  
*Jama Lambert, Cyrex Laboratories, USA*
- 10:30 - 11:00 **Hunger-Free Hospital Initiative**  
*Han Ping Shi, Capital Medical University, China*

Networking & Refreshment Break (11:00 - 11:15)

### Scientific Sessions

#### Session Introduction

Session Chair: Jama Lambert, Cyrex Laboratories, USA

Session Co-chair: Shelly Lap Ah Tse, The Chinese University of Hong Kong, Hong Kong

### Speaker Forum

- 11:15 - 11:35 **Circadian Rhythm Disruption, Breast Cancer Risk and Prognosis in Hong Kong Women**  
*Shelly Lap Ah Tse, The Chinese University of Hong Kong, Hong Kong*
- 11:35 - 11:55 **Menu Planning in Residential Aged Care - The Level of Choice and Quality of Planning of Meals Available to Residents**  
*Karen Abbey, University of Queensland, Australia*
- 11:55 - 12:15 **PSE and DFD Problem in Poultry and Pork Industries**  
*Tomasz Lesiow, Wroclaw University of Economics, Poland*
- 12:15 - 12:35 **Strain Improvement by Adaptive Laboratory Evolution in Fermentation Supernatant for Increasing DHA Productivity in *Cryptocodinium cohnii***  
*Lei Chen, Tianjin University, China*
- 12:35 - 12:55 **Pastoral Land Law and Food Production**  
*Ian Hannam, Australian Centre for Agriculture and Law, School of Law, University of New England, Australia*

Group photo & Lunch Break (12:55 - 14:00)

### Speaker Forum

- 14:00 - 14:20 **Production of Anserine-Rich Fish Sauce from Giant Masu Salmon, *Oncorhynchus masou masou* for Prevention of Locomotive Syndrome**  
*Yousuke Taoka, University of Miyazaki, Japan*
- 14:20 - 14:40 **Impact of Nutrient(s) for Disease Control / Health Promotion: Crux of the Problem Lies in Facilitating Food Tasting by the Victim(s) / their Families in the Organization on the Day of Counselling**  
*Susheela Andezhath Kumaran, Fluorosis Foundation of India, India*
- 14:40 - 15:00 **Pearl Millet: A Nutri-Cereal for Reducing the Prevalence of Anemia in India and Africa**  
*Mahalingam Govindaraj, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India*

15:00 - 15:20	<b>Recent Advances in Mushroom Processing, Biofortification and Product Development of Oyster Mushroom</b> <i>Mahesh Thakur, Indira Gandhi Krishi Vishwavidyalaya, India</i>
15:20 - 15:40	<b>Search for Aglycone Iso-flavone from Soybean as Candidate for Pelvic Organ Prolapse Treatment: In Silico Study of TGF-<math>\beta</math>1, Hsp70, and Bcl-xl Signals</b> <i>Pribakti Budinurdaja, Lambung Mangkurat University, Indonesia</i>
15:40 - 16:00	<b>Selected Methods for Leaf Area Index Estimation in Communities of Deciduous Plants: A Case Study from Central European Temperate Forest Stands</b> <i>Jakub Cerny, The Forestry and Game Management Research Institute, Czech Republic</i>

Networking & Refreshment Break (16:00 - 16:15)

### Invited Forum

16:15 - 16:35	<b>Monitoring of Antibiotic Residues in Commercial and Desi Eggs of Tamil Nadu - Food Safety Perspective</b> <i>Ghadevaru Sarathchandra, Tamil Nadu Veterinary and Animal Sciences University, India</i>
16:35 - 16:55	<b>Encapsulation and Protection of Bioactive Nutrients based on the Assembly of Proteins</b> <i>Li Liang, Jiangnan University, China</i>
16:55 - 17:15	<b>Effects of CdSe QDs and Cd(NO<sub>3</sub>)<sub>2</sub> on two Microalgae Species <i>M. aeruginosa</i> and <i>S. capricornutum</i></b> <i>Ling Zhang, China Pharmaceutical University, China</i>
17:15 - 17:35	<b>Mungbean Tempe for Novel Protein Source</b> <i>Maria Gunawan Puteri, Swiss German University, Indonesia</i>
17:35 - 17:55	<b>Effect of Post Harvest Treatment on Antioxidant Activity of <i>Stenochlaena Palustris</i></b> <i>Della Rahmawati, Swiss German University, Indonesia</i>
17:55 - 18:15	<b>Evaluation of <math>\alpha</math>-Glucosidase Inhibitory Activities of Black Tea, Lemongrass and White Ginger as a Functional Beverage and its Sensory Acceptance</b> <i>Filiana Santoso, Swiss German University, Indonesia</i>
18:15 - 18:35	<b>Chlorophyll Supplementation in Early Life Prevents Diet-Induced Obesity and Modulates Gut Microbiota in Mice</b> <i>Yan Zhang, China Agricultural University, China</i>

### Guest Lecture on Public Health

18:35 - 18:55	<b>Dancing Bodies, Flying Souls: The Mental Health Impacts of Pedophilia Inflicted on Afghan Boys in Afghanistan</b> <i>Soheila Pashang, Humber Institute of Technology and Advanced Learning, Canada</i>
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Panel Discussions



## Plenary Talk

- 09:00 - 09:40 **Evidence Based Nutraceutical with Specific Clinical Indications and China's New Directives**  
*Leung Ping Chung, The Chinese University of Hong Kong, Hong Kong*

## Scientific Sessions

### Session Introduction

Session Chair: Susheela Andezhath Kumaran, Fluorosis Foundation of India, India

Session Co-chair: Santanu Dasgupta, Reliance Industries Limited, India

## Speaker Forum

- 09:40 - 10:00 **Obesity in Children: A Serious Public Health Problem: Remedial Strategy**  
*Susheela Andezhath Kumaran, Fluorosis Foundation of India, India*
- 10:00 - 10:20 **Novel Proteins a Sustainable Solution for Imminent Global Demands**  
*Santanu Dasgupta, Reliance Industries Limited, India*
- 10:20 - 10:40 **Production of Nutrient Rich Composite Flour by Utilizing Waste Streams from Food Industry**  
*Sinija V Ramachandran Nair, Indian Institute of Food Processing Technology, India*
- 10:40 - 11:00 **Breaking Away from Industrial Food Systems and Achieving Sustainable Development Goals (SDGs)**  
*Venkatachalam Anbumozhi, Economic Research Institute for ASEAN and East Asia, Indonesia*

Networking & Refreshment Break (11:00 - 11:15)

## Speaker Forum

- 11:15 - 11:35 **Knowledge, Attitude, and Practice on Menstrual Hygiene Management among School Adolescents**  
*Ram Naresh Yadav, Good Neighbors International, Nepal*
- 11:35 - 11:55 **Grape Seed Proanthocyanidins Extract Protected Hepatic Tissue and DNA Damage in Ehrlich Solid Tumor Bearing Mice with Reduced PCNA and p53 Expression**  
*Mabrouk Attia Abd Eldaim, Menoufia University, Egypt*
- 11:55 - 12:15 **Accreditation for Food Testing Laboratories**  
*Ghadevaru Sarathchandra, Tamil Nadu Veterinary and Animal Sciences University, India*
- 12:15 - 12:35 **Metal Nanoparticles Induced Stress Physiology Analysis on Fresh Water Fish and Plant System**  
*Girilal Morkattu, Saintgits College of Engineering, India*
- 12:35 - 12:55 ***In vitro* Evaluation of Toxin Binder by High Performance Thin Layer Chromatography and Fourier Transform Infra-Red Spectroscopy**  
*Ghadevaru Sarathchandra, Tamil Nadu Veterinary and Animal Sciences University, India*

Lunch Break (12:55 - 14:00)

## Invited Forum

- 14:00 - 14:20 **Coix Seed Contributes to Weight Loss in Mice via Modulating of Gut Microbiota**  
*Sheng Liu, University of Chinese Academy of Sciences, China*
- 14:20 - 14:40 **The Effect of *Lactobacillus Plantarum* HL-15 in Inhibiting the Growth of Micotoxin-Producing Fungi During Fermentation of Cocoa Beans**  
*Tri Marwati, Assessment Institute for Agricultural Technology, Indonesia*
- 14:40 - 15:00 **Indonesia Local Beans and it's Benefit as Functional Food**  
*Titiek Farianti Djaafar, Assessment Institute for Agricultural Technology, Indonesia*
- 15:00 - 15:20 **Eat for Health and Sustainable Living**  
*Vijay Bhasker Reddy Yetapu, VchangeU, India*

## Young Research Forum

- 15:20 - 15:35 **Mechanisation of Friction and Abrasion to Remove Loosely Attached Seed Coat of Black cumin Seeds**  
*Chamodini Thilakarathna, University of Sri Jayewardenepura, Sri Lanka*
- 15:35 - 15:50 **Extraction and Micro-encapsulation of Carotenoids from Mango, Papaya and Banana Peels**  
*Bolappa Gamage Kaushalya Madhavi, University of Peradeniya, Sri Lanka*

Networking/Refreshment Break and Poster Session (15:50 - 16:15)

## Poster Presentations

- POSTER-001 **The Mental Health Impact of Cyber Sexual Violence Against Women**  
*Soheila Pashang, Humber Institute of Technology and Advanced Learning, Canada*
- POSTER-002 **Beneficial Effects of Chlorophyll Supplementation on Prevention of Obesity and Modulation of Gut Microbiota in High-Fat Diet Mice**  
*Yuan Yuan Li, China Agricultural University, China*
- POSTER-003 **Antioxidant Analysis of Industrial Fruit Processing Wastes for Possible Utilization**  
*Chamodini Thilakarathna, Wayamba University of Sri Lanka, Sri Lanka*
- POSTER-004 **Good Manufacturing Practices Assessment and Determintion of Critical Control Point on Cocoa Powder Processing in Agricultural Techno Park Nglanggeran, Gunung Kidul, Yogyakarta**  
*Titiek Farianti Djaafar, Assessment Institute for Agricultural Technology, Indonesia*
- POSTER-005 **The Effect of *Lactobacillus Plantarum* HL-15 Starter Addition in Fermentation Process to the Fungal Growth During Cocoa Beans Drying Process**  
*Tri Marwati, Assessment Institute for Agricultural Technology, Indonesia*
- POSTER-006 **Antioxidant Stability of Kalakai in Ice Cream as Low Temperature Processing Model**  
*Maria Gunawan Puteri, Swiss German University, Indonesia*
- POSTER-007 **Tackling Undernutrition in the Asian Healthcare Setting: A Southeast Asian Expert Consensus**  
*Ling Claytor, JAPAC, Singapore*
- POSTER-008 **Physical Solubilization of Resveratrol in Peanut Oil and it's Anti-Isomeric Effect**  
*Tian Li, Chinese Academy of Agricultural Sciences, China*

## Speaker Forum

- 16:15 - 16:35** **Antioxidant, Anti-inflammatory and Endothelial Protective Role of Sesamol against Myocardial Ischemic Reperfusion Injury in Experimental Rat**  
*Mohamed Saleem T S, Annamacharya College of Pharmacy, India*
- 16:35 - 16:55** **Unraveling the Hidden Potential of Myxobacteria from Unique Environmental Niches**  
*Reena Singh, Lovely Professional University, India*
- 16:55 - 17:15** **Characterization of HYpro, a Thermotolerant and Alkalophilic Protease from Bacillus Species isolated from Soil of Hygam Wetlands in Kashmir Valley, India**  
*Chirag Chopra, Lovely Professional University, India*
- 17:15 - 17:35** **Expanding the Nutritional view of Daily Challenges towards Promoting Health among Children with Celiac Disease**  
*Sara Rosenblum, University of Haifa, Israel*
- 17:35 - 17:55** **Integrated Fresh Handling and Processing of Shallot, is a Model Approach to Price Stability of Shallot in Indonesia**  
*Setyadjit, Indonesian Center for Agriculture Postharvest Research and Development, Indonesia*

## Panel Discussions

### Video Presentation (17:55 - 18:15)

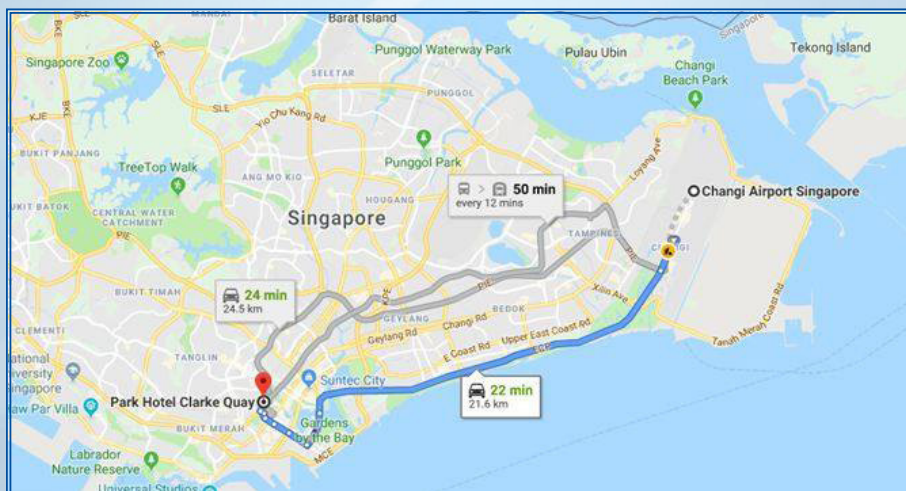
#### The Politics and Governance of Negative Emissions Technologies

*Klaus Radunsky, Umweltbundesamt, Austria*

## Closing and Award Ceremony

Get lasting Visibility for your Research

Thank you to each and every one of you for being here with us today!  
We sincerely hope you will enjoy the conference and networking.



# Program at a Glance

SCON Food Science - 2019



## Day-1 (27 June, 2019)

09:00

Registrations

09:30

11:00

Break

11:15

14:00

Scientific Session-II

16:00

09:30

Opening Ceremony  
& Introduction

10:00

11:15

Scientific Session-I

12:55

12:55-14:00 Lunch

16:00

Break

16:15

Panel Discussion

10:00

Keynote Forum

11:00

16:15

Invited Forum

18:55

## Day-2 (28 June, 2019)

09:00

Plenary Talk

09:40

09:40

Scientific Session-I

11:00

11:15

Scientific Session-II

12:55

12:55-14:00 Lunch

14:00

Invited Forum

15:20

15:20

YRF

15:50

17:55

Video Presentation

18:15

11:00

Break

11:15

15:50

Poster Session &  
Break

16:15

Panel Discussion

Closing and Award Ceremony

### Venue Address:

Park Hotel Clarke Quay  
Singapore

### Hall Name:

Van Kleef, Level 2

### Organizing Committee:

Karen Abbey, University of Queensland, Australia  
Venkatachalam Anbumozhi, Economic Research Institute for ASEAN and East Asia, Indonesia

**Moderator:** Soheila Pashang, Humber Institute of Technology and Advanced Learning, Canada

### Day 1

**Session Chair:** Jama Lambert, Cyrex Labs, USA

**Session Co-Chair:** Shelly Lap Ah Tse, The Chinese University of Hong Kong, Hong Kong

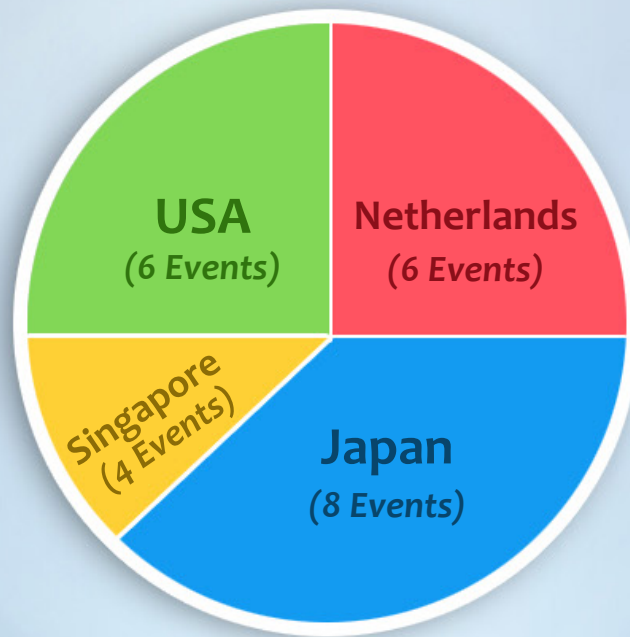
### Day 2

**Session Chair:** Susheela Andezhath Kumaran, Fluorosis Foundation of India, India

**Session Co-Chair:** Santanu Dasgupta, Reliance Industries Limited, India



# Upcoming Conferences 2019-2020



## USA

### SCON Summit on HIV and AIDS

November 12-13, 2019

### SCON Summit on Vaccines Research and Immunization

November 12-13, 2019

### SCON World Congress on Cardiology and Heart Diseases

November 14-15, 2019

### SCON World Summit on Cancer Research, Oncology and Pharmacology

November 14-15, 2019

### SCON International Summit on Dental & Oral Health

November 18-19, 2019

### SCON Global Summit on Neurology and Neurosurgery

November 18-19, 2019

### SCON Annual Congress on Pharmaceutical Research and Drug Development

May 04-05, 2020

## Japan

### SCON Global Congress on Asthma and Allergy

March 02-03, 2020

### SCON International Conference on Aesthetic Medicine and Cosmetology

March 02-03, 2020

### SCON World Convention on Waste Recycling and Reuse

March 05-06, 2020

### SCON World Conference on Coastal Zones and Marine Ecosystems

March 09-10, 2020

### SCON World Convention on Robots and Deep Learning

March 09-10, 2020

### SCON World Congress on Antibiotics, Antimicrobials & Antibiotics Resistance

March 09-10, 2020

### SCON International Conference on Computer Science and Software Engineering

March 12-13, 2020

### SCON International Conference and Expo on Green Energy and Renewable Energies

March 12-13, 2020

## Netherlands

### SCON World Congress on Advanced Structural and Molecular Biology

November 18-19, 2019

### SCON World Congress on Clinical Gastroenterology and Oncology

November 18-19, 2019

### SCON 2<sup>nd</sup> International Conference on Nanotechnology

November 18-19, 2019

### SCON 2<sup>nd</sup> International Conference on Materials Science and Engineering

November 18-19, 2019

### SCON International Conference and Expo on Dermatology

November 21-22, 2019

### SCON International Summit on Pediatrics and Perinatal Medicine

November 21-22, 2019

## Singapore

### SCON International Conference on Food Science, Nutrition and Public Health

June 27-28, 2019

### SCON World Congress on Optics, Photonics and Laser Technologies

February 17-18, 2020

### SCON World Conference on Proteomics, Genomics and Bioinformatics

February 20-21, 2020





SCHÓLARENA



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Bookmark your Dates

**SCON Food Science - 2020 | June 4-5, 2020 | Paris, France**