

## Report on the Fifth Edition of International Conference on Food Chemistry & Technology (FCT-2019)

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### Meeting Report

The 5<sup>th</sup> International Conference on Food Chemistry and Technology (FCT-2019) brought together more than 50 experts of the leading institutes and organizations to share their knowledge and research on the latest scientific advances in the field of food chemistry and food technology. The three-day event (FCT-2019) organized by USG United Scientific Group (A non-profit organization) at Four Points by Sheraton Los Angeles International Airport had its inaugural on November 4, 2019.

We had scientists, researchers and academicians from various universities having a diverse subject expertise from more than 20 countries gathered to a single scientific platform to discuss on the latest scientific advances in the field of food chemistry and technology that help to shape current and future challenges in food research. The program focused on the basic research to the latest advancements, the role of food chemistry and technology, and its applications in various domains of food research. There is nothing more powerful than when this elite community comes together to share ideas, research matters, and hope.

### FCT-2019 Conference Report

In the beautiful City of Los Angeles, the opening day of the conference (November 4, 2019) started with the inauguration by **Prof. Mun Yhung Jung**, FCT-2019 Chair and Editor-in-Chief: Journal of Food Chemistry & Nanotechnology. The keynote session started with **Dr. Imre Blank**, Zhejiang Yiming Food Co., Ltd, China; followed by **Prof. Eberhardt Kuhn**, Shimadzu Scientific Instruments, Columbia, MD; **Prof. Rosalía García-Torres**, California State University, Northridge, CA; **Prof. Bhimanagouda S. Patil**, Texas A&M University, TX; **Prof. Mark Berhow**, USDA, ARS, NCAUR, MD; **Prof. Mun Yhung Jung**, (FCT-2018 Chairman & Signing Authority), Director Agricultural and Food Product Analysis Center, Woosuk University, South Korea; **Dr. Elias Hakalehto**, Finnoflag Oy, Finland; **Prof. Rogil José de Almeida Torres**, Botucatu University - Sao Paulo – Brazil; **Prof. Gloria Astrid Garzon**, National University of Colombia, Bogota, Colombia and final keynote talk on Day-1 ended with **Dr. Carlos Humberto Corassin**, University of Sao Paulo, Brazil

The second day of the conference (November 5, 2019) started with the quality speaker session on, **Food Technology, Packaging and Nutrition Research, Food Chemistry**: covered the topics as health and gut microbiome, mathematical modeling of protein hydrolysis, ohmic heating technology for surimi production, protein based-film properties, potential of supercritical water in chemical reaction, anti-helicobacter pylori and immune-modulatory activity of natural components, GRAS solvent extraction technology, development of

a drink, characterization of protein from lupin and soybean milk, calorimetry and terahertz spectroscopy, analysis of herbicides residues, higher utilization of cereals and pseudo-cereals, exposure estimates for colorants, and light blocking technology for shelf-life expansion. We highly appreciated **Prof. Mun Yhung Jung**, Woosuk University, South Korea and **Prof. Bhimanagouda S. Patil**, Texas A&M University, TX for their splendid support as session chairs. We had interesting, educational and inspiring oral presentations on Food Technology, Packaging and Nutritional Research. This Session is presented by **Dr. E. Elias Hakalehto** and **Dr. Jouni Pesola**, University of Helsinki, Finland; **Dr. Pedro Valencia**, Technical University Federico Santa María, Chile; **Dr. Van T. Nguyen**, Tokyo University of Marine Science and Technology, Japan; **Dr. Ha Thi Nhu Nguyen**, Tokyo University of Marine Science and Technology, Japan; **Dr. Seiichiro Yoshida**, Hokkaido Research Organization, Japan; **Dr. Rita de Cassia R. Goncalves**, Federal University of Espirito Santo, Brazil; **Dr. Gloria Astrid Garzon**, National University of Colombia, Bogota, Colombia; **Dr. C. Gutierrez Paz**, National University of Colombia, Colombia; **Dr. Nadia Al-Saedi**, Murdoch University, Australia; **Dr. Jose Antonio Morales-Hernandez**, Center for Research and Assistance in Technology and Design of the State of Jalisco AC, Mexico; **Dr. Eberhardt Kuhn**, Shimadzu Scientific Instruments, Columbia, MD; **Dr. Romina Alina (Vlaic) Marc**, University of Agricultural Sciences and

Veterinary Cluj Napoca, Romania; **Dr. Mohammed Asif Ahmed**, King Saud University, Riyadh, Saudi Arabia and **Dr. Emily Olson**, Iowa State University, IA Day-2 ended with 12 poster presentations which provided ample opportunities for the budding researchers to interact with leading scientists.

The last day of the conference (November 6, 2019) was mainly focused on **Analysis of Food & Nutrition and Food Technology**: covered the topics as biorefinery and reuse of food-derived side streams, flavor analysis of white wines, lipidomic profiling of Pinot Noir wine, ultrasound assisted extraction technology, designing of a mixed alcoholic beverage development, and microwave irradiation. Talks went on with vivid discussions and interactions among delegates.

The Third day of the conference started with **Dr. Elias Hakalehto**, Finnflag Oy, Finland; followed by **Dr. Angelica de Castro Iobbi**, Oregon State University, OR; **Dr. Quynh Phan**, Oregon State University, OR; **Dr. Julián Quintero Quiroz**, University of Antioquia, Colombia; **Dr. Willian Quintero Mendoza**, National University of Colombia, Colombia and **Dr. Echereobia Christopher Ogbuji**, Federal University of Technology Owerri, Nigeria with finally concluded with the closing ceremony. We would like to take this great opportunity to thank all the research experts, professors, directors, industrialists, students and young researchers for their constant support for making the conference a successful kickoff.