

EuroSciCon 

Agriculture & Food Chemistry

July 23-24
Rome, Italy

2018



Food Chemistry

<http://foodchemistry.euroscicon.com/>

Day 1, Rome

General Session

08:00 AM

INTRODUCTION



09:00 AM

PLENARY

10:00 AM

KEYNOTE

Networking & Refreshments
Break @ Foyer



HALL 01

HALL 02

HALL 03

11:00 AM

Talks On:

Agricultural and Food
Chemistry

Talks On:

Agricultural Chemical
Science and Engineering

Talks On:

Agronomy

Talks On:

Agricultural and Food
Biotechnology and
Nanotechnology



Talks On:

Food Bioactives, Nutrition
and Health



Talks On:

Food Chemistry



SESSION DISCUSSION

SESSION DISCUSSION

SESSION DISCUSSION

02:00 PM

Panel Over:

Food Engineering



Panel Over:

Horticulture



Panel Over:

Satellite Remote Sensing for
Resource Assessment



Workshop On:

Involvement Of Inorganic
Chemistry

Workshop On:

Agrophysics

Workshop On:

Genetic Transformation &
Crop Improvement

Lunch Break @ Restaurant

Lunch Break @ Restaurant

Lunch Break @ Restaurant

04:00 PM

Talks On:

Green Revolution

Talks On:

Genetic Transformation and
Crop Improvement

Talks On:

Food Science of Animal
Resources

Lectures on:

Flavour Chemistry



Lectures on:

Foodomics



Lectures on:

Advanced Mass Transfer in
Foods



06:00 PM

Session On:

Involvement of Materials
Science

Session On:

Developments in Food
Technology

Session On:

Development of Sensors for
Variable Rate Application of
Pesticides & Farm Automation

NETWORKING

NETWORKING

NETWORKING

Day 2, Rome

General Session

08:00 AM

INTRODUCTION



09:00 AM

PLENARY

10:00 AM

KEYNOTE

Networking & Refreshments
Break @ Foyer



HALL 01

HALL 02

HALL 03

11:00 AM

Talks On:
Food Processing

Talks On:
Food Safety

Talks On:
Food Science and technology

Talks On:
Food Packaging



Talks On:
Agricultural and Food
Industry



Talks On:
Quality Analysis and Detection
Technology in Agricultural
and Food Materials



SESSION DISCUSSION

SESSION DISCUSSION

SESSION DISCUSSION

02:00 PM

Panel Over:
Market Standards and
Regulations in Agricultural &
Food Chemistry



Panel Over:
Importance of Food
Processing



Panel Over:
Foodborne Illness and
measures to secure



Workshop On:
Food Fortification

Workshop On:
Nano Packaging

Workshop On:
Manufacturing of Agrichemicals

Lunch Break @ Restaurant

Lunch Break @ Restaurant

Lunch Break @ Restaurant

04:00 PM

Talks On:
HACCP Guidance & Testing

Talks On:
Tropical Oil Crops & Water
Resources

Talks On:
Food Grading

Lectures on:
Sustainable Food Contact
Materials



Lectures on:
Manufacturing of
Agrichemicals



Lectures on:
Food Processing & its
Applications



06:00 PM

Session On:
Water-Solid Interactions

Session On:
Fermentation Technology

Session On:
Trends in modern food
processing

NETWORKING

NETWORKING

NETWORKING

ORGANIZING COMMITTEE MEMBERS



Nacer Bellaloui

US Agricultural Research
Services, USA



Angela Anandappa

University of Nebraska, USA



Jung Y Kwon

Oregon State University, USA



Salwa Karboune

McGill University, Canada



Peiqiang Yu

University of Saskatchewan,
Canada



Ana Carolina

Maisonnave Arisi
Federal University of Santa
Catarina , Brazil



Yongping Bao

Norwich Medical School
University, UK



Pasquale Ferranti

University of Naples, Italy



Daniele De Wrachien

University of Milan, Italy



Daniela Fracassetti

University of Milan, Italy



Adele Maria Muscolo

University Mediterranea di
Reggio Calabria, Italy



Maria Gudjonsdottir

University Of Iceland, Iceland



Eva Falch

Norwegian University of Science
and technology, Norway



Dwight Robinson

The University of the West
Indies, Jamaica



Noureddine Benkeblia

The University of the West
Indies, Jamaica



Faruk Toklu

Cukurova University, Turkey

ORGANIZING COMMITTEE MEMBERS



Aida Bani

Agricultural University of
Tirana, Albania



Evan Roco

Agricultural University of
Tirana, Albania



Ferdi Brahushi

Agricultural University of Tirana,
Albania



Hitesh Motwani

Stockholm University, Sweden



Eleni P. Kalogianni

Alexander Technological
Educational Institution of
Thessaloniki, Greece

For detailed sessions, please visit:

<https://foodchemistry.euroscicon.com/call-for-abstracts>

Submit your abstract online at:

<https://foodchemistry.euroscicon.com/abstract-submission>

Register online:

<https://foodchemistry.euroscicon.com/registration>

Renowned Speakers



Madhav P Yadav

US Agricultural Research
Services, USA



Ock K Chun

University of Connecticut,
USA



Ahmed E Yousef

The Ohio State University, USA



Elizabeth P Ryan

Colorado State University, USA



Kathleen Hefferon

Cornell University, USA



April Englishbey

Texas Tech University, USA



Maria Ines Bruno Tavares

Federal University of Rio de
Janeiro, Brazil



Silva Norman Azucena

National Autonomous University of
Mexico, Mexico



Judith Tisdall

La Trobe University, Australia



Melissa Fitzgerald

The University of Queensland,
Australia



Laura Bardi

Council for Agricultural
Research and Economics,
Italy



Carmela Anna Migliori

Council for Agricultural
Research and Economics,
Italy



Abdeen Mustafa Omer

Energy Research Institute,
United Kingdom



Kukali Edlira

Agriculture University of
Tirana, Albania



Anne Pihlanto

Natural Resources Institute,
Finland



Clara Lizarazo

University of Helsinki, Finland



Stephanie Jeske

University College Cork, Ireland



María Pilar Almajano

Technical University of
Catalonia, Spain



Tolga Karakoy

University of Cumhuriyet,
Turkey



Kathy Van Den Houwe

Scientific Institute for Public
Health, Belgium

Renowned Speakers



Taihua Mu

Chinese Academy of
Agricultural Sciences, China



Fengjiao Fan

Harbin Institute of
Technology, China



Yanping Cao

Beijing Business and Technology
University, China



Yangling Wan

China Agricultural University,
China



Chen Chen

China Agricultural University,
China



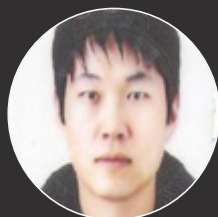
Ying Li

Jiangsu Academy of
Agricultural Science, China



Jonghan Ko

Chonnam National
University, South Korea



Hyun No Kim

Environmental Policy Research
Group, South Korea



Monthana

Weerawatanakorn
Naresuan University,
Thailand

Featured Speaker Presentations

Soybean seed quality and nutrition: Effects of environment and genetics

Nacer Bellaloui, US Agricultural Research Services, USA

Production and applications of soluble and insoluble functional food ingredients from agricultural biomass

Madhav P Yadav, US Agricultural Research Services, USA

Bioplastic formulations for the delivery of beneficial microbes to control agricultural pests

Hamed K Abbas, US Agricultural Research Services, USA

Identification and quantitation of furocoumarins in popularly consumed foods in the US using QuEChERS extraction coupled with UPLC-MS/MS analysis

Ock K Chun, University of Connecticut, USA

Discovery of potent antimicrobial peptides as alternative natural food preservatives: *in silico* and *in vitro* approaches

Ahmed E Yousef, The Ohio State University, USA

Plant virus nanoparticles: New applications for developing countries

Kathleen Hefferon, Cornell University, USA

Dissemination and the fate of foodborne pathogens and indicators on produce post irrigation with surface water: An intervention trial

April Englishbey, Texas Tech University, USA

Native Brazilian fruits: Bioactive compounds health-promotion properties and commercial interest

Iramaia Angelica Neri Numa, University of Campinas, Brazil

NMR relaxometry applied to food characterization

Maria Ines Bruno Tavares, Federal University of Rio de Janeiro, Brazil

Effect of the solar dehydration on the antioxidant capacity and the content of phenolic compounds of the blackberry

Silva Norman Azucena, National Autonomous University of Mexico, Mexico

Featured Speaker Presentations

Keep Phytophthora out of your orchard

Judith Tisdall, La Trobe University, Australia

Combining metabolomics and genomics to dissect rice quality, and provide robust and trait-relevant tools to rice breeders

Melissa Fitzgerald, The University of Queensland, Australia

The photo-oxidative mechanisms occurring in white wine

Daniela Fracassetti, University of Milan, Italy

Agricultural wastes pelletized with elemental sulfur and bentonite increase healthbenefiting phytonutrients in red onion

Adele Maria Muscolo, University Mediterranea di Reggio Calabria, Italy

Use of rhizosferic microorganisms to improve plant response to drought stress and produce quality

Laura Bardi, Council for Agricultural Research and Economics, Italy

Influence of mycorrhizal fungi and rhizobacterial consortium inoculation on quality of water-stressed hot pepper fruits

Carmela Anna Migliori, Council for Agricultural Research and Economics, Italy

Application of greenhouses for sustainable food production

Abdeen Mustafa Omer, Energy Research Institute, United Kingdom

Interactions between isothiocyanates and selenium in the up-regulation of antioxidant enzymes

Yongping Bao, University of East Anglia, United Kingdom

Influence of nutrients on the performance of grasses and legumes in mixture stands

Evan Rroco, Agricultural University of Tirana, Albania

The potential risk of heavy metals on food chain in an albanian serpentine site

Aida Bani, Agriculture University of Tirana, Albania

Features of some albanian grape cultivars

Kukali Edlira, Agriculture University of Tirana, Albania

Bioactivities in rising alternative proteins for food applications

Anne Pihlanto, Natural Resources Institute, Finland

Featured Speaker Presentations

Influence of foliar-applied micronutrients on the essential oil and fatty acid composition of caraway

Clara Lizarazo, University of Helsinki, Finland

Biotechnology for increased utilization of marine rest raw materials

Eva Falch, Norwegian University of Science and Technology, Norway

Past, present and future: The strength of plant-based dairy substitutes based on gluten-free raw materials

Stephanie Jeske, University College Cork, Ireland

Modern approaches in risk assessment of potential food carcinogens occurring as maillard reaction products

Hitesh V Motwani, Stockholm University, Sweden

A global view of natural antioxidants and characterization

Maria Pilar Almajano, Technical University of Catalonia, Spain

Micronutrient compound of grain legumes-biofortification approaches

Faruk Toklu, Cukurova University, Turkey

Evaluation of mutant cotton lines in M9 generation for several agro-morphological and fiber quality characteristics

Petek Toklu, Cukurova University, Turkey

Evaluation of some common bean genotypes for seed mineral concentrations

Tolga Karakoy, University of Cumhuriyet, Turkey

Analytical strategies to study the migration of selected chemical contaminants into dry foodstuffs

Kathy Van Den Houwe, Scientific Institute for Public Health, Belgium

Comparative study of starches from 5 different sources on the rheological properties of gluten and gluten-free model doughs

Taihua Mu, Chinese Academy of Agricultural Sciences, China

Isolation and characterization of lactoferrin peptides with stimulatory effect on osteoblast proliferation

Fengjiao Fan, Harbin Institute of Technology, China

Featured Speaker Presentations

Influence of unadsorbed emulsifiers on the rheological properties and structure of hetero-aggregate of whey protein isolate coated droplets and flaxseed gum coated droplets

Yanping Cao, Beijing Business and Technology University, China

Disaggregation and re-formation of fibrils from soy protein isolate: Effects of pH

Yangling Wan, China Agricultural University, China

Analysis on the bitterness and astringency of soymilk processed from different soybean cultivars

Chen Chen, China Agricultural University, China

The water binding capacity of frozen mandarin fish with its by-products hydrolysates

Ying Li, Jiangsu Academy of Agricultural Science, China

Geospatial projections of paddy productivity in Korea using a crop model incorporated with satellite imageries

Jonghan Ko, Chonnam National University, South Korea

Analysis of the economic impact of government's endogenous measures for promoting low-fat pork consumption: A korean case study

Hyun No Kim, Environmental Policy Research Group, South Korea

By-products from rice bran oil processing as rich source of functional ingredients

Monthana Weerawatanakorn, Naresuan University, Thailand

Past Affiliates

Huub Lelieveld

Global Harmonization Initiative,
Austria

Rachaba Devkota

University of Guelph, Canada

Dominik Szwajgier

University of Life Sciences in
Lublin, Poland

V A Shiva Ayyadurai

CytoSolve, Inc, USA

Marc van der Sterren

Farming Africa, The Netherlands

Nicolas Sauvageot

Luxembourg Institute of Health
Luxembourg

Shahram Emami

University of Saskatchewan, Canada

Baboo ALI

Canakkale Onsekiz Mart
University, Turkey

Luisa Brito

Universidade de Lisboa, Portugal

Andrea Steck

Bruker BioSpin GmbH, Germany

Elizabeth Devi Wahengbam

Queens University Belfast, UK

Rim Aly

University of Manchester, United
Kingdom

Rana Mustafa

University of Saskatchewan, Canada

Julcemar Bruno Zilli

UPF Passo Fundo, Brazil

Luka Levata

University of Lübeck, Germany

J K Sekhon

Drexel University, USA

Hayford Mensah Ayerakwa

Lund University, Sweden

Pollyanna F Patriota

UNIFESP, Brazil

Maria Teresa Jiménez Munguía

UDLAP, Mexico

Tiziana Panzavolta

University of Florence, Italy

Andrea Filgueiras

UNIFESP, Brazil

Silvia Matiacevich

University of Santiago, Chile

Idris Abd Ghani

UKM, Malaysia

Aubrey F Mendonca

Iowa State University, USA

Martin JT Reaney

University of Saskatchewan, Canada

Raju Adhikari

CSIRO Manufacturing, Australia

Lubos Zabransky

University of South Bohemia,
Czech Republic

Jianmei Yu

North Carolina Agricultural
& Technical State University, USA

Abdul Khalil Gardezi

Chapingo Autonomous University,
Mexico

Aura Daraba

Iowa State University
USA

Xiu Min Chen

University of British Columbia,
Canada

David Andrés Ramírez Gonzalez

Universidad Nacional de
Colombia, Colombia

Radhakrishna Shetty

Technical University of Denmark,
Denmark

Bernhard Wagner

FH-JOANNEUM, Austria

Neil Hamilton

VP of Business Development, UK

Ogemdi F Eze

University of Reading, UK

Miriam M Ehrnhoefer Ressler

FH JOANNEUM, Austria

Abdeen Omer

Energy Research Institute, United
Kingdom

Martin Appelt

Canadian Food Inspection
Agency, Canada

Past Affiliates

Kaiwen Mu

University of British Columbia,
Canada

Abdelbagi Mohamedelnour

Ankara University, Turkey

Iliyan Staykov

Canadian Food Inspection
Agency, Canada

Suphat Phongthai

Mae Fah Luang University, Thailand

Juan Jose Filgueira Duarte

Universidad Militar Nueva
Granada, Colombia

Sumeet Gullaiya

Toronto Research Chemicals,
Canada

Charmaine K W Koo

University of Massachusetts
Amherst, USA

Ana María Castagnino

CRESCA FAA UNCPBA
Argentina

Carlton W FarleyIII

Alabama A & M University, USA

Sana Subzwari

RMIT University, Australia

Birgit Steininger

University College for Agrarian
and Environmental Pedagogy
Vienna, Austria

James B Stukes

S.C. State University, USA

Juveria Siddiqui

University of Toronto, Canada

Amarah Batool

University of Tasmania, Australia

Mulatua Hailu Metaferia

The University of Sydney, Australia

Fatemeh Mahmoodani

University of Auckland, New Zealand

Funda Yoldas

Ege University, Turkey

Diane G Newell

Foodborne Zoonoses
Consultancy, UK

Ningjian Liang

University of British Columbia,
Canada

Giovani Brito

Brazilian Agricultural Research
Corporation, Brazil

C L Hicks

University of Kentucky, USA

Jasmeet Kaur

RMIT University, Australia

Zaijing Sun

South Carolina State University,
USA

Shashi Sharma

US Food and Drug Administration,
USA

Adebimpe Oyeneye

University of Saskatchewan, Canada

Cuie Yan

PepsiCo Global R&D, USA

Scott Crerar

Food Standards Australia,
Australia

Iuliia Dudnyk

Ecole Polytechnique Federale de
Lausanne, Switzerland

Cornelia M Witthöft

Linnaeus University, USA

Catherine Rees

The University of Nottingham, UK

Edgar E Martinez Soberanes

University of Saskatchewan, Canada

Rachel Wicklund

Tate & Lyle, USA

Leen Van Campenhout

University of Leuven, Belgium

Yingxue Hu

University of Saskatchewan, Canada

Harmit Singh

California State Polytechnic
University, USA

Santiago Benito

Madrid Polytechnic University,
Spain

Cheryl Chung

University of Massachusetts
Amherst, USA

Elisa June Teresa McGee

University of Toronto, Canada

Jean-Christophe Meile

CIRAD UMR Qualisud Réunion,
France

Past Affiliates

Yue He

University of Saskatchewan, Canada

Weichang Liu

Tate & Lyle, USA

Herbert W Ockerman

The Ohio State Univeristy, USA

Shuyu Shang

University of Saskatchewan, Canada

Joseph C Hannon

University College Dublin, Ireland

Guzin Kaban

University of Atatürk, Turkey

Viktor Balabanov

Russian State Agrarian University,
Russian Federation

Genaro G Amador

Instituto Politecnico Nacional,
Mexico

Cauré B Portugal

University of Sao Paulo, Brazil

Scott A Shearer

The Ohio State University, USA

Roeb Garcia Arrazola

UNAM, Mexico

Adele Silbande

University of Antilles, Martinique

Ulrich Zeller

Humboldt-Universität zu Berlin,
Germany

Kukali Edlira

Agricultural University of Tirana,
Albania

Syed Shahzad Shah

University of Tasmania, Australia

Rainer Roehe

Scotlands Rural College, United
Kingdom

John Tsaknis

Technological Educational
Institute of Athens, Greece

Camila Andrea Bernal Castro

Universidad Nacional de
Colombia, Colombia

Thomas Göttert

Humboldt Universität zu Berlin,
Germany

Carolyn Hauser

Fraunhofer Institute for Process
Engineering and Packaging IVV,
Germany

Maarit Mäki

Natural Resources Institute
Finland, Finland

Juan A. Morales-Ramos

US Department of Agriculture, USA

Fernando Dourado

University of Minho, Portugal

Edwina Romanens

ETH Zurich, Switzerland

Raghavan Sampathkumar

Food & Agribusiness Consultant,
Singapore

Dimitra P Houhoula

Technological Educational
Institute of Athens, Greece

Carlos Eduardo

National Autonomous University
of Mexico, Mexico

Thamer Alshuwaili

Murdoch University, Australia

Andrea Gomez Zavaglia

Center for Research and
Development in Food
Cryotechnology, Argentina

Myrna Olvera-García

National Autonomous University
of Mexico, Mexico

Karina Balestrasse

Fauba, Conicet, Argentina

Sarah Nasser

INRA, France

Njah Alonazi

Dublin Institute of Technology,
Ireland

Nizam A Husen

University of Hohenheim, Germany

Muhammad A Jawad

Orlando Regional Medical Center
USA

Amal Alenezi

Dublin Institute Of Technology,
Ireland

Mohsen Mohammadi

Purdue University
USA

Robert Buist

BioCeuticals Sydney
Australia

Chimya Gundiri

University of Nottingham
UK

Past Affiliates

Siti Khadijah Mohd Rais

Sime Darby Plantation Sdn Bhd,
Malaysia

Isabel M Perez de Vargas

Sansalvador
University of Granada, Spain

Madiha El Awamie

Nottingham University School of
Biosciences, UK

Carmela Lamacchia

University of Foggia, Italy

Jose S Torrecilla

Complutense University of
Madrid, Spain

Amanda Terol Pardo

University of Genova, Italy

Juan A Gallego Juarez

Consejo Superior de Investigaciones
Científicas, Spain

Gema Nieto

University of Murcia, Spain

Oya Bozdog Dunder

Ankara University, Turkey

Vincenzo Longo

Institute of Agricultural Biology and
Biotechnology, Italy

Eugene Dillon

Food for Health Ireland, Ireland

Vladimiro Cardenia

University of Bologna, Italy

Jose Ignacio Lombrana

University of Basque Country, Spain

Erkan Karacabey

Suleyman Demirel University,
Turkey

Ana Maria Gomez Caravaca

Universidad de Granada, Spain

Emma Feeney

Food for Health Ireland, Ireland

Carmen Bueno Ferrer

Dublin Institute of Technology,
Ireland

Alicia Gil Ramirez

Universidad Autónoma de Madrid,
Spain

Oscar González Recio

National Institute for Agricultural and
Food Research, Spain

Cem Baltacioglu

Nigde University, Turkey

Claudio Santucci

University of Florence, Italy

Massimo Cecaro

Italian Medical Press Association,
Italy

Ruben Lopez Nicolas

University of Murcia, Spain

Ana Marta Munoz Colmenero

University of Oviedo, Spain

Maria E Escuderos

IFAPA, Spain

Darin Detwiler

Northeastern University, USA

El Sayed M Abdel Aal

Guelph Research and
development Centre, Canada

Yanni Papanikolaou

Nutritional Strategies Inc, France

Angel A Carbonell Barrachina

Universidad Miguel Hernandez de
Elche, Spain

Lawrence D Goodridge

McGill University, Canada

Ruben Lopez Nicolas

University of Murcia, Spain

Mariosaria Marotta

Food for Health Ireland, Ireland

Alexander Sulakvelidze

Intralytix Inc, USA

Ester Betoret

Universita di Bologna, Italy

H P Vasantha Rupasinghe

Dalhousie University, Canada

Joelle Woolston

Intralytix Inc, USA

PLAN A TRIP TO Rome:

DESTINATION OF Food Chemistry 2018

Rome, Italy's capital, is a sprawling, cosmopolitan city with nearly 3,000 years of globally influential art, architecture and culture on display. Ancient ruins such as the Forum and the Colosseum evoke the power of the former Roman Empire. Vatican City, headquarters of the Roman Catholic Church, has St. Peter's Basilica and the Vatican Museums, which house masterpieces such as Michelangelo's Sistine Chapel frescoes.

Rome's history spans more than 2,500 years. While Roman mythology dates the founding of Rome at around 753 BC, the site has been inhabited for much longer, making it one of the oldest continuously occupied sites in Europe. The city's early population originated from a mix of Latins, Etruscans and Sabines. Eventually, the city successively became the capital of the Roman Kingdom, the Roman Republic and the Roman Empire, and is regarded as one of the birthplaces of Western civilization and by some as the first ever metropolis. It was first called The Eternal city by the Roman poet Tibullus in the 1st century BC, and the expression was also taken up by Ovid, Virgil, and Livy. Rome is also called the Caput Mundi (Capital of the World).

City Attractions

Castel Sant'Angelo



Pantheon



Piazza Navona



Roman Forum



City Attractions

