



9th International Symposium on
RECENT ADVANCES IN FOOD ANALYSIS

November 5 - 8, 2019 • Prague, Czech Republic



2019

POSTER AWARDS

at

RAFA 2019



*RAFA 2019 is held under auspices of the Minister of Agriculture of the
Czech Republic, Miroslav Toman.*

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WATERS

COMMITTEE:



POSTER AWARDS - CRITERIA:

Criteria for selection of poster awards:

Science

Originality

Current relevance

Impact for future developments

Poster

Clear presentation of problem, solution and findings

Invites to be read

Self explanatory

Balance figures and text

'Brains and Sweat vs 'Money'

Sponsored poster awards:



ELSEVIER

Voucher (1) \$200

I2 - Alexandra Jaus

Federal Food Safety and Veterinary Office, Bern, Switzerland

**HUMAN BIOMONITORING OF LEGACY AND EMERGING PER- AND
POLYFLUORINATED SUBSTANCES**

Alexandra Jaus, Peter Rhyn, Otmar Zoller

Sponsored poster awards:



ELSEVIER

Voucher (2) \$200

M1 - Oliver Kappenstein

German Federal Institute for Risk Assessment (BfR), Berlin, Germany

TRANSFER OF MELAMINE AND FORMALDEHYDE FROM BAMBOO WARE INTO FOOD AND FOOD SIMULANT DURING MICROWAVE HEATING

Oliver Kappenstein, Stefan Sander, Stephan Richter, Roman Schmidt, Alexander Roloff, Andreas Luch

Sponsored poster awards:



ELSEVIER

Voucher (3) \$200

S35 - Juliane Scholl

PiCA Prüfinstitut Chemische Analytik GmbH, Berlin, Germany

IDENTIFICATION OF NICOTINE SOURCES IN INDIAN TEA

Juliane Scholl, Angelika Hofmann, Anna Romanotto, Karl Speer, Kathrin Gassert

Sponsored poster awards:



ELSEVIER

Voucher (4) \$200

B26 – Beatriz Quintanilla-Casas

Universitat de Barcelona, Barcelona, Spain

FACING UP OLIVE OIL FRAUD: FAST DETECTION OF TRADITIONAL AND EMERGENT ADULTERANTS BY SHOTGUN TRIACYLGLYCEROL PROFILE

Beatriz Quintanilla-Casas, Giulia Strocchi, Julen Bustamante, Francesc Guardiola, Màrius Simón, Wenceslao Moreda, José Manuel Martínez-Rivas, Enrico Valli, Alessandra Bendini, Tullia Gallina Toschi, Stefania Vichi, Alba Tres

Sponsored poster awards:



ELSEVIER

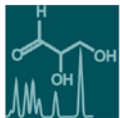
Voucher (5) \$200

D13 - Gianni Galaverna

University of Parma, Parma, Italy

ATTENUATION POTENTIAL OF INTESTINAL GLUCOSE TRANSPORTER AND ENHANCEMENT OF METHYL DONOR COMPOUNDS UPTAKE BY IN VITRO DIGESTED RAW AND FERMENTED WHEAT BRAN IN CACO-2 ABSORPTION MODEL

Marco Spaggiari, Gianni Galaverna, Chiara Dall'Asta, Maria Dolores del Castillo Bilbao



metabolites

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Scope: Metabolism and Metabolomics

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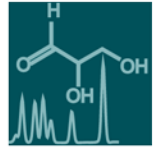
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RAFA
2019

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Sponsored poster awards:



metabolites

an Open Access Journal by MDPI

275 €

M5 – Michaela Lerch

Technical University of Denmark, National Food Institute, Lyngby, Denmark

IDENTIFICATION OF PER- AND POLYFLUORINATED SUBSTANCES IN FOOD CONTACT MATERIALS BY MASS SPECTROMETRIC PROFILING

Michaela Lerch, Khanh Hoang Nguyen, Kit Granby

Sponsored poster awards:

ANALYTICAL &
BIOANALYTICAL
CHEMISTRY

Voucher 300 €

S48 - Alexander Kasperkiewicz

University of Waterloo, Waterloo, Canada

**BREACHING THE 10-SECOND BARRIER OF TOTAL ANALYSIS TIME FOR
COMPLEX MATRICES VIA AUTOMATED COATED BLADE SPRAY**

Alexander Kasperkiewicz, Germán Augusto Gómez-Ríos, Dietmar Hein, Janusz
Pawliszyn

Sponsored poster awards:



foods

an Open Access Journal by MDPI

450 €

H36 – Grazielle Siqueira Silva

State University of Campinas, Campinas, Brazil

QUANTIFICATION OF MYO-INOSITOL PHOSPHATES IN CASHEW NUT BEVERAGES

Joyce Grazielle Siqueira Silva, Juliana Azevedo Lima Pallone, Ralf Greiner

Sponsored poster awards:



3rd prize:

1 year license of The Unscrambler X 10.5

Q10 - Sofia Drakopoulou

National and Kapodistrian University of Athens, Athens, Greece

POTENTIAL OF TRAPPED ION MOBILITY COMBINED WITH LC-HRMS IN FOOD AUTHENTICITY STUDIES: IDENTIFICATION AND CHARACTERIZATION OF SECOIRIDOIDS ISOMERS FOUND IN GREEK EXTRA VIRGIN OLIVE OIL

Sofia Drakopoulou, Dimitrios Damalas, Carsten Baessmann, Nikolaos Thomaidis

Sponsored poster awards:



2nd prize:

2 year license of The Unscrambler X 10.5

R23 - Vojtech Hrbek

University of Chemistry and Technology, Prague, Czech Republic

SIMULTANEOUS DETERMINATION OF 3-MCPD, 2-MCPD AND GLYCIDYL ESTERS TOGETHER WITH THEIR OXIDATION PRODUCTS BY SUPERCRITICAL FLUID CHROMATOGRAPHY - HIGH RESOLUTION MASS SPECTROMETRY (SFC-HRMS)

Vojtech Hrbek, Klara Navratilova, Tomas Kourimsky, Beverly Belkova, Jana Hajslova

Sponsored poster awards:



1st prize:

3 year license of The Unscrambler X 10.5

Q2 - Maykel Hernández-Mesa

*Laboratoire d'Etude des Résidus et Contaminants dans les Aliments
(LABERCA), Oniris, Nantes, France*

**HAZARDOMICS: APPLICATION OF METABOLOMICS APPROACHES TO THE
RISK ASSESSMENT OF BISPHENOL A AND POLYCHLORINATED BIPHENYLS**

Maykel Hernández-Mesa, Bruno Le Bizec, Gaud Dervilly

Sponsored poster awards:

Waters
THE SCIENCE OF
WHAT'S POSSIBLE.®

750 €

N11 – Joost L.D. Nelis

Institute for Global Food Security, Queen's University Belfast, UK

CARBON BLACK MODIFIED SCREEN PRINTED ELECTRODES AND MAGNETIC BEADS FOR MASS PRODUCTION COMPATIBLE POINT OF SITE DETECTION OF DOMOIC ACID IN SHELLFISH

Joost L.D. Nelis, Davide Migliorelli, Safiye Jafari, Silvia Generelli, Javier Lou-Franco, J.-Pablo Salvador, M.-Pilar Marco, Cuong Cao, Christopher T. Elliott, Katrina Campbell



750 €

B18 - Stefan Bindereif

*BayCEER - Laboratory of Isotope Biogeochemistry, University of Bayreuth
Bayreuth, Germany*

HOW CLIMATE CHANGE CAN HELP FIGHTING FRAUDULENT DECLARATION OF CEREAL GRAINS

Stefan Bindereif, Peter Kolb, Felix Rüll, Stephan Schwarzingler, Gerhard Gebauer

Best posters (3) voted by RAFA 2019 delegates



B5

A JOINTLY USED DATABASE - A LONG WAY IN NON-TARGETED ANALYSIS

Carolin Lörchner, Carsten Fauhl-Hassek, Martin Horn, Susanne Esslinger

German Federal Institute for Risk Assessment, Berlin, Germany

N26

ANALYSIS OF PLANT TOXINS IN PLANT-BASED DIETARY FOOD SUPPLEMENTS BY UHPLC-MS/MS

Jean Henrottin, Els Van Pamel, Christof Van Poucke, Els Daeseleire, Nathalie Gillard

CER Groupe, Aye, Belgium

N31

THOROUGH EXTRACTION OPTIMIZATION FOR DETERMINATION OF TOXIC PLANT ALKALOIDS IN SPICES AND HERBAL TEAS EMPLOYING U-HPLC–MS/MS

Petra Jonatova, Zbynek Dzuman, Ondrej Brabenec, Jana Hajslova, Milena
Stranska-Zachariasova

University of Chemistry and Technology, Prague, Czech Republic