

PHYSICAL CHEMISTRY 2024
17th International Conference on Fundamental and Applied Aspects of Physical Chemistry

8th WORKSHOP: FOOD AND DRUG SAFETY AND QUALITY

Online Satellite Event

organized by
“VINČA” INSTITUTE OF NUCLEAR SCIENCES-NATIONAL INSTITUTE OF THE REPUBLIC OF
SERBIA
UNIVERSITY OF BELGRADE

VINČA – Belgrade, Serbia



in co-operation with
THE SOCIETY OF PHYSICAL
CHEMISTS OF SERBIA



Held under the auspices of the
MINISTRY OF SCIENCE, TECHNOLOGICAL DEVELOPMENT AND INNOVATION



September 26th, 2024. Belgrade, Serbia

FINAL PROGRAM

09:00-09:30 AM Belgrade CEST (GMT+2)

Testing the platform

INSTRUCTION FOR ACCESSING THE ZOOM APPLICATION

Join Zoom Meeting

<https://us06web.zoom.us/j/83209194572?pwd=tJncrLSskR7UVjtsg3PIXTGGzuRteO.1>

Meeting ID: 832 0919 4572

Passcode: 454183

09:30-09:40 Opening ceremony – introductory speech

SESSION - *Specific methods in food quality control*

Chairperson: Milovan Stoiljković

09:40-10:05 *Invited Lecture 1*

N. Dreolin, S. Adams, K. L. Organtini, S. Hird, O. Burt, C. Rathmann

Analysis of 28 EU regulated and recommended PFAS in vegetable, fruit, and baby food via LC-MS/MS

10:05-10:30 *Invited Lecture 2*

L. Nastasijević

Biosensors in the meat chain: Farm-to-fork continuum

SESSION - *Functional food*

Chairperson: Milovan Stoiljković

10:30-10:55 *Invited Lecture 1*

S. Jakhotia, G. Raghu, B. Nastasijevic, G. Joksic, G. Bhanuprakash Reddy

Gentiana lutea root powder alleviates diabetic nephropathy in rats

10:55-11:10 *Coffee break*

11:10-11:35 *Invited Lecture 2*

U. Čakar, M. Čolović, N. Živković, A. Petrović, D. Krstić, I. Stanković, B. Đorđević

Fruit wine as an added value product

SESSION - Food safety

Chairperson: Milovan Stoiljković

11:35-12:00 *Invited Lecture 1*

G. Gajski, K. Matković, L. Kazensky, M. Gerić

Pescatarian diet might be more beneficial in terms of maintaining DNA integrity

12:00-12:25 *Invited Lecture 2*

A-M. Domijan, M. Gerić, B. Žegura, G. Gajski

*Oxido-reductive balance and genome damage in onion (*Allium Cepa L.*) root cells exposed to bisphenol A*

12:25-12:50 *Invited Lecture 3*

K. Bohinc

Bacterial adhesion on food contacts surfaces

12:50-14:50 *Poster presentations – discussion*

POSTER PRESENTATIONS

Poster presentations (in PDF format) will be available on the conference website during the Workshop (10:00 -14:50) at:

<https://fooddrugssafetyquality.com/index.php/poster-presentation>

14:50-15:00 Closing ceremony