

PHYSICAL CHEMISTRY 2026
18th International Conference on Fundamental and Applied Aspects of Physical Chemistry

9th 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 23rd, 2026. Belgrade, Serbia

FINAL PROGRAM

09:00-09:35 AM Belgrade CEST (GMT+2) Testing the platform

INSTRUCTIONS FOR ACCESSING THE ZOOM APPLICATION

Join Zoom Meeting

<https://us06web.zoom.us/j/88520560143?pwd=8tsY2kLjufFg9mh8rj1mSewA9KUtg.1>

Meeting ID: 885 2056 0143

Passcode: 304023

09:35-09:40 Opening ceremony – introductory speech

SESSION – *Drug safety and quality*

Chairperson: Tamara Terzić

09:40-10:25 *Plenary Lecture 1*

T. Ž. Verbić, O. S. Marković, M. P. Pešić and Mladen M. Đurđević

Pharmaceutical solubility as a critical determinant of drug quality and performance

10:25-10:55 *Invited Lecture 1*

T. Bego, E. Omeragić, A. Elezović, D. Pravdić, D. Lasić, L. Spahić, K. Balić, I. Gulišija, M. Štefanović, S. Džafić, A. Njuhović, H. Rizvanbegović and R. Gelo

Building a talent ecosystem for personalized preventive healthcare: the ATTRACTADRIA APPROACH

10:55-11:20 *Invited Lecture 2*

A. Ivanovska

Blackcurrant pomace as a source of bioactive compounds for bioactive and skin-compatible cotton

SESSION – *Food safety and quality*

Chairperson: Tamara Terzić

11:20-11:55 *Plenary Lecture 2*

N. Sarap, A. Lazić, A. Rikalo, K. Pavićević, J. Nikolov, M. Janković and N. Todorović

Rapid methods for the detection/quantification of selected artificial radionuclides in drinking water samples

11:55-12:10 *Coffee break*

12:10-12:35 *Invited Lecture 3*

J. Klopčevska

Food Safety in Circular Bioeconomy: Biotechnological Innovation for Functional and Sustainable Foods

12:35-13:05 *Invited Lecture 4*

B. Gogoi

A one health perspective on microplastics and nitro-PAHs contamination across the soil-plant-food continuum: implications for soil health, crop quality, food safety, and human health

13:05-13:30 *Invited Lecture 5*

F. Hoxha

From Molecules to Market: Physical Chemistry Tools for Food Integrity and Consumer Trust

13:30-13:55 *Invited Lecture 6*

L. Čechová, T. Vozár, M. Dostál, J. Višinková, Z. Kozáková, P. Pořízka, J. Kaiser

Plasma activated water for sustainable agriculture: plant stress mitigation and food safety

13:55-14:15 *Oral presentation 1*

A.-M. Domijan, M. Hamplová, H. Zlámalová Gargošová

*Evaluating phytotoxicity and genotoxicity of ibuprofen on *Allium cepa* L.*

14:15-15:15 *Poster presentations – discussion*

POSTER PRESENTATIONS

Poster presentations (in PDF format) will be available on the conference website during the Workshop (10:00 -15:15) at:

<https://fooddrugsafetyquality.com/index.php/poster-presentations-2026>

15:15-15:45 *Invited Lecture 7*

A. Aykut, M. M. Tosif, G. Goksen

From plant bioactives to multifunctional active packaging: nanoemulsion-based strategies and applications

15:45-16:05 *Oral presentation 2*

P. Islary, B. Gogoi

*Phytochemical analysis, determination of antioxidant and antimicrobial activities of lichen species, *Heterodermia diademata* and *Parmotrema tsavoense**

16:05-16:10 **Closing ceremony**