
WORKSHOP

INNOVATIVE WAYS OF BIOMASS VALORIZATION

DATE	October 15–16, 2026
VENUE	Chamber of Commerce and Industry of Serbia Resavska 13–15, Belgrade, Serbia

VIVENDI project

*Green Innovation: Unlocking the Bioactive Potential of Biomass for Enhanced
Pharmaceuticals and Foods through Eco-Friendly Sustainable Technologies*

SCIENTIFIC COMMITTEE

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Jelena Jovanović
Sara Marinković

Invitation

We are pleased to announce the workshop “Innovative Ways of Biomass Valorization”, organized within the framework of the **VIVENDI project** – Green Innovation: Unlocking the Bioactive Potential of Biomass for Enhanced Pharmaceuticals and Foods through Eco-Friendly Sustainable Technologies with financial support of the Science Fund of the Republic of Serbia, Program DIASPORA, Grant number 17475 co-organized by **the Chamber of Commerce and Industry of Serbia**.

The workshop will bring together researchers, young scientists, industry representatives and professionals to exchange knowledge, present recent research findings, and discuss innovative and sustainable approaches to biomass valorization. Special emphasis will be placed on bridging fundamental research, technological development, and practical applications, with the aim of promoting sustainable solutions for the transformation of biomass into high-value products.

Topics

- Biomass valorization
- Green extraction and separation technologies
- Bioactive compounds from industrial waste
- Green and alternative solvents
- Encapsulation, formulation, and stabilization of bioactive compounds
- Functional food, pharmaceutical, and related applications
- Innovative processing and sustainable technologies
- Circular economy and waste-to-value strategies
- Scale-up and transfer from laboratory research to industrial applications

PROGRAMME - DAY 1 — Thursday, October 15, 2026

Time	Programme
09:00–09:30	Registration of Participants
09:30–09:45	Opening of the Workshop
	SESSION I – Chair: Nada Ćujić Nikolić
09:45–10:15	Tatjana Trtić-Petrović <i>Laboratory of Physics, Vinča Institute of Nuclear Sciences, University of Belgrade, Serbia</i> Presentation of the VIVENDI Project
10:15–11:00	Jelena Vladić <i>NOVA School of Science and Technology, NOVA University Lisbon, Portugal</i> Invited Lecture “Green, Integrated Approach to Microalgae Valorization”
11:00–11:30	Ranko Škrbić <i>Acting Rector of the University of Banja Luka, BiH</i> “Cardiometabolic Effects of Pomegranate Peel Extract: Results of Clinical and Experimental Studies”
11:30–12:00	Coffee Break
	SESSION II – Chair: Jelena Vladić
12:00–12:45	Ivana Radojčić Redovniković <i>University of Zagreb, Faculty of Food Technology and Biotechnology, Croatia</i> Invited Lecture “Natural Eutectic Solvents as Sustainable Media for Biomass Valorization”
12:45–13:15	Jasmina Nikodinović-Runić <i>Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, Serbia</i> “From Waste to Value: Microbial Platforms for Sustainable Biocatalysis, Biopolymers and Functional Materials”
13:15–13:30	Viktor Nedović and Ana Todorović <i>Faculty of Agriculture, Department of Food Chemistry and Biochemistry, Serbia</i> “Fruit and Vegetable Pomaces as Sources of Bioactive Compounds for Food Industry Applications”
	PANEL DISCUSSION – Moderator: Katarina Šavikin
13:30–14:30	Presentations by Industry Representatives and Panel Discussion*
14:30–16:00	Lunch

*Participants: Amelles, Helga d.o.o., NADES Design d.o.o., Snežana Janković (IPN), Zorica Obradović (ZIS), Danica Mićanović

PROGRAMME - DAY 2 — Friday, October 16, 2026

Time	Programme
	SESSION I – Chair: Jasmina Grbović Novaković
10:00–10:20	Ivona Veličković <i>Department for Morphology and Plant Systematics, Faculty of Biology, University of Belgrade, Serbia</i> “Blackberry Waste Material: A New Insight into Preventive Effects on Metabolic Syndrome”
10:20–10:40	Slobodan Gadžurić <i>Faculty of Sciences, University of Novi Sad, Serbia</i> “Design and Performance of Eco-friendly Ionic Liquid-based Solvents for Targeted Application”
10:40–10:50	Danijela Šutić Zlatić <i>Intellectual Property Office, Serbia</i> “Intellectual Property Rights, with Special Emphasis on Biotechnology”
10:50–12:00	Poster Session & Coffee Break
	SESSION II – Chair: Slobodan Gadžurić
12:00–12:30	Slobodan Cvetković <i>Institute of Chemistry, Technology and Metallurgy, National Institute of the Republic of Serbia, University of Belgrade Serbia</i> Plenary Lecture “Valorization of Biomass through Energy Production”
12:30–12:45	Petar Ristivojević <i>Department of Analytical Chemistry, University of Belgrade-Faculty of Chemistry, Serbia</i> “Green Extraction and Valorisation of Fruit and Vegetable by-products using Natural Deep Eutectic Solvents for Food Applications”
12:45–13:00	Snežana Papović <i>Faculty of Sciences, University of Novi Sad, Serbia</i> “The New Ionic Additives for Safer and Durable Electrolytes in Lithium-ion Batteries”
13:00–13:15	Zorana Mutavski <i>Institute for Medicinal Plant Research “Dr Josif Pančić”, Serbia</i> “Advanced Approaches to the Valorization of Black Elderberry Fruit Pomace”
13:15–13:30	Sanja Škaro Bogojević <i>Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, Serbia</i> “Green Extraction of Polyhydroxyalkanoates from Bacterial Biomass”

13:30–13:45	Nenad Mićanović <i>Faculty of Agriculture, University of Belgrade, Serbia</i> <i>"Isolation and Characterization of Pectin from Medlar (Mespilus germanica L.) Fruit"</i>
13:45–14:00	Jelena Jovanović <i>Laboratory of Physics, Vinča Institute of Nuclear Sciences, University of Belgrade, Serbia</i> <i>"Raspberry Pomace as a Source of Bioactive Compounds: a Sustainable Extraction Approach using Ionic Liquids"</i>
14:00–14:10	Closing Ceremony
14:10–15:30	Lunch

Join Zoom Meeting

<https://zoom.us/j/95019046885?pwd=5VamCiMdwzLHWCzS32QldVbOpgaC2Z.1>

Meeting ID: 950 1904 6885

Passcode: 093008

Presentation Guidelines

Oral presentations. Presentations should be prepared in Microsoft PowerPoint or pdf and provided on a USB flash drive or sent to email vivendi@vin.bg.ac.rs. Authors may also use their own laptops. Standard presentation equipment will be available in the lecture hall.

Poster presentations. Poster dimensions: 0.80 m (width) × 1.00 m (height). Please submit posters at the registration desk at least 30 minutes before the poster session; the organizing team will arrange them.