



**1st Congress on Sustainable and Innovative Solutions in
Agriculture and Food Industry (SISAF'23) - One Health approach**

Venue: Main Hall, Building 'B' University of Debrecen (UD), Faculty of Agricultural and Food Sciences and Environmental Management (FAFSEM), Böszörményi street 138

Programme

4th September (Monday)

Arrival of invited speakers & foreign guests

17:00 - 19:00: **Registration & poster display** (Main Hall, Building 'B'; Böszörményi street 138)

17:00 - : **Open doors programme:** Guided tour to agriculture museum and/or campus walk

18:00 - 20:00: **Informal welcome dinner** for invited speakers

5th September (Tuesday)

08:00 - 8:45: **Registration & poster display** (Main Hall, Building 'B'; Böszörményi street 138)

Opening ceremony

08:45 - 09:00: **Welcome address**

Plenary talks

09:00 - 09:20: Dynamics of phosphorus in the soil-plant-human continuum

Prof. Zed Rengel, University of Western Australia

09:20 - 09:40: Plant memory and its exploitation possibilities for innovative strategies for growing healthy plants

Prof. Judit Dobránszki, University of Debrecen

09:40 - 10:00: Salinization & metal contamination in agroecosystems: Implications to food safety & security

Prof. Gabrijel Ondrasek, University of Zagreb

10:00 – 10:15: Questions & discussion

10:15 - 10:40: *Coffee break + Group photo*

10:40 - 11:00: Exploring the Interplay of Microbiome, Proteome, and Animal Health

Prof. Levente Czeglédi, Dr. Nóra Vass, Dr. Melinda Páholcsek, University of Debrecen

11:00 - 11:20: Potential ability of endocrine disruptors to affect the living system – an in vitro study

Prof. Norbert Lukács, Slovak University of Agriculture

11:20 - 11:40: On current multidisciplinary challenges in water management: selected Hungarian case studies

Prof. János Józsa, Budapest University of Technology and Economics

11:40 - 12:00: One World, One Water Cycle, One Health: Examples how to tackle this global challenge

Prof. János Bogárdi, University of Bonn

12:00 - 12:20: The plant nanoworld: emerging plant extracellular vesicles and nanovesicles for enhancing one health system

Prof. Gabriella Pocsfalvi, Institute of Biosciences and BioResources, National Research Council of Italy

12:20 - 12:40: Inherited diseases and inherited health: how transgenerational epigenetics can change the processes?

Dr. Judit Remenyik, University of Debrecen

12:40 – 13:00: Questions & discussion

Closing Ceremony & poster award

13:00 - 13:15: Take Home Messages

13:15 - 15:00: Conference lunch (Böszörményi Campus Canteen)

15:00 - 18:00: Optional programme: Guided tour in & around Debrecen