

AGENDA OF GREENERING BUBBLE LOCATED IN ZAGREB, CROATIA

20th and 21st September 2023

Bubble Title: *The possibility of plant extracts preparation by applying the green extraction solvents with the hands-on: deep eutectic solvents*

Place of bubble: Faculty of Food Technology and Biotechnology, University of Zagreb, Croatia

Duration of bubble: 2 days, from 20th to 21st September 2023, from 9.00 am to 3.00 pm

DRAFT AGENDA OF GREENERING BUBBLE LOCATED IN ZAGREB, CROATIA:

20th September

9.00 **Joint online lecture on:** Welcome to the participants of Novi Sad and Zagreb Greenering bubble

9.15 **Joint online lecture on:** Presentation of the COST Action Greenering

9.30 **Joint online lecture on:** From Fundamentals of Natural Deep Eutectic Solvents to Process Design

10.00 **Joint online lecture on:** Supercritical carbon dioxide extraction for the production of high-quality extracts from different types of plant raw materials

10.45 Coffee break

11.15 **Hands on:** Rational design of deep eutectic solvents by using computational methods

1.00 **Lunch break**

2.00 **Hands on:** Preparation and characterisation of deep eutectic solvents

21st September

9.00 **Lecture on:** Environmental and economic sustainability of processes involving DES

09.45 **Lecture on:** Characterization of products obtained by extraction from selected plant materials using DES

10.30 **Coffee break**

11.15 **Hands on:** Deep eutectic solvent-assisted extraction of selected herbal material (part I)

1.00 **Lunch break**

2.00 **Hands on:** Deep eutectic solvent-assisted extraction of selected herbal material (part II)