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PHYTOCHEMICAL, PHARMACOLOGICAL AND CLINICAL EVIDENCE

Scientific eSymposium

Online | November 24th 2022, 09:00 – 16:15 h (CET)

Organized by

Herbal Medicinal Products Platform Austria (HMPPA)

Society for Medicinal Plant and Natural Product Research (GA)

Scientific Committee

Hermann Stuppner (President, HMPPA)
Brigitte Kopp (Vice-President, HMPPA)
Chlodwig Franz (Vice-President, HMPPA)
Rudolf Bauer (Vice-President, HMPPA)
Judith Rollinger (President, GA)

Organizing Committee

Hermann Stuppner (President, HMPPA)
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Chlodwig Franz (Vice-President, HMPPA)
Rudolf Bauer (Vice-President, HMPPA)
Elisabeth Gstrein (HMPPA)

INVITATION

On behalf of the Herbal Medicinal Products Platform Austria (HMPPA) and the Society for Medicinal Plant and Natural Product Research (GA), the Organizing and Scientific Committees are pleased to invite you to join the scientific eSymposium **"YELLOW GENTIAN – PHYTOCHEMICAL, PHARMACOLOGICAL AND CLINICAL EVIDENCE"** and register for **FREE!** This event will be held virtually. The eSymposium will provide new insights and most recent research data on *Gentiana lutea* and its medicinal uses for human health.

INVITED SPEAKERS All presentations will be in English.

PD Dr. Maik **BEHRENS**, Leibniz-Institute for Food Systems Biology, Technical University of Munich, Germany

Dr. Christian **COELHO**, VetAgro Sup - Campus Agronomique de Clermont, UMR Fromage INRAE/Université Clermont Auvergne/VetAgroSup, Lempdes, France

Alba **CUENA-LOMBRANA**, University of Cagliari, Dept. of Life and Environmental Sciences, Cagliari, Italy

Stefana **CVETKOVIĆ**, PhD, University of Belgrade, Belgrade, Serbia

Dr. Pietro **FUSANI**, Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria, Centro di ricerca Foreste e Legno, Trento, Italia

Prof. Dr. Gordana **JOKSIĆ**, Vinca Institute of Nuclear Science Belgrade, University of Belgrade, Serbia

Prof. Dr. med. Dipl. Biol. Christoph M. **SCHEMPP**, Freiburg University Medical Center, Freiburg, Germany

Dr. Stefan **SCHWAIGER**, University of Innsbruck, Innsbruck, Austria

Dr. Simona **de VITA**, PhD, University of Salerno, Italy

Prof. Paola **VITAGLIONE**, University of Naples, Portici (NA), Italy

REGISTRATION

Registration is free and open to all interested attendees. More information and registration link can be found at <https://www.hmppa.at/yellow-gentian-esymposium/>. We look forward to seeing you at the sessions.

CALL FOR PAPERS

Scientific contributions for short lectures (10 min + 2 min discussion) in the field of *Gentiana lutea* are very much welcome. Abstracts for oral presentations have to be submitted by e-mail to office@hmppa.at until October 20th, 2022.

SPONSORS

The members of the Organizing Committee gratefully acknowledge the support of this scientific eSymposium by the Society for Medicinal Plant and Natural Product Research (GA).

ORGANIZATION AND CONTACT

This scientific eSymposium is organized by the Herbal Medicinal Products Platform Austria (HMPPA) in collaboration with the Society for Medicinal Plant and Natural Product Research (GA).

If you have any queries regarding this eSymposium please contact office@hmppa.at

HMPPA: <http://www.hmppa.at/>

GA: <https://www.ga-online.org/>

PRELIMINARY PROGRAM

09:00 – 09:05	Welcome & Introduction Univ.-Prof. Dr. Hermann STUPPNER, HMPPA President <i>University of Innsbruck, Institute of Pharmacy, Pharmacognosy, Innsbruck, Austria</i>
09:05 – 09:10	Welcome addresses Univ.-Prof. Dr. Judith ROLLINGER, GA President <i>University of Vienna, Dept. of Pharmaceutical Sciences, Division of Pharmacognosy, Vienna, Austria</i>
	Chair: H. STUPPNER, Chlodwig FRANZ
09:10 – 09:40 09:40–09:45 Discussion	Functions, structures and physiological roles of bitter taste receptors PD Dr. Maik BEHRENS <i>Leibniz-Institute for Food Systems Biology, Technical University of Munich, Germany</i>
09:45 – 10:05 10:05–10:10 Discussion	Integrated in situ and ex situ approach for <i>Gentiana lutea</i> L. subsp. <i>lutea</i> conservation in Sardinia (Italy) Alba CUENA-LOMBRANA, PhD <i>Dept. of Life and Environmental Sciences, University of Cagliari, Italy</i>
10:10 – 10:30 10:30–10:35 Discussion	Domestication and ex situ conservation of <i>Gentiana lutea</i> at CREA of Trento, Italy Dr. Pietro FUSANI <i>Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria, Centro di ricerca Foreste e Legno, Trento, Italia</i>
10:35 – 10:55	Coffee break
	Chair: Chlodwig FRANZ, Ulrike GRIENKE
10:55 – 11:25 11:25–11:30 Discussion	Sustainability of <i>Gentiana lutea</i> resource in France – From the field to transformed gentian-based products Dr. Christian COELHO <i>VetAgro Sup - Campus Agronomique de Clermont, UMR Fromage INRAE/Université Clermont Auvergne/VetAgroSup, Lempdes, France</i>
11:30 – 12:00 12:00 – 12:05 Discussion	Analytical methods for the quality control of <i>Radix Gentianae</i> Dr. Stefan SCHWAIGER <i>University of Innsbruck, Institute of Pharmacy/Pharmacognosy, Innsbruck, Austria</i>
12:05 – 12:25 12:25–12:30 Discussion	Addressing the target identification and accelerating the repositioning of <i>Gentiana lutea</i> L. metabolites by multidisciplinary workflow Dr. Simona de VITA, Ph.D. <i>University of Salerno, Department of Pharmacy, Salerno, Italy</i>
12:30 – 14:00	Lunch break
	Chair: Solveigh KOEBERLE, Rudolf BAUER
14:00 – 14:30 14:30–14:35 Discussion	<i>Gentiana lutea</i> prevents inflammation of blood vessel endothelium Prof. Dr. Gordana JOKSIĆ <i>Vinca Institute of Nuclear Science Belgrade, University of Belgrade, Serbia</i>
14:35 – 14:55 14:55–15:00 Discussion	The ability of <i>Gentiana lutea</i> extracts to reduce DNA damage induced by food mutagens and UV radiation Stefana CVETKOVIĆ, PhD <i>University of Belgrade – Faculty of Biology, Belgrade, Serbia</i>
15:00 – 15:20 15:20 – 15:25 Discussion	Microencapsulated bitter compounds from <i>Gentiana lutea</i> root to boost satiety Prof. Paola VITAGLIONE <i>University of Naples, Department of Agricultural Sciences, Portici (NA), Italy</i>
15:25 – 15:55 15:55 – 16:00 Discussion	<i>Gentiana lutea</i> for treating the skin. An old remedy revisited – from bench to bedside Prof. Dr. med. Dipl. Biol. Christoph M. SCHEMPP <i>Department of Dermatology and Venereology, Freiburg University Medical Center, Freiburg, Germany</i>
16:00 – 16:15	Discussion, Summary & Closing remarks Univ.-Prof. Dr. Dr.h.c. Rudolf BAUER, HMPPA Vice-President <i>University of Graz, Institute of Pharmaceutical Sciences, Pharmacognosy, Graz, Austria</i>