# 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 invite you to attend the scientific symposium "Cannabis – phytochemical, pharmacological and clinical evidence". The event will take place on November 15<sup>th</sup> 2018, 09:00 - 17:30 h at the University of Vienna, Universitätsring 1, Kleiner Festsaal, 1010 Vienna, Austria. The symposium will provide new insights and most recent research data on Cannabis and its medicinal uses for human health.

# **CANNABIS**

phytochemical, pharmacological and clinical evidence

> University of Vienna, Kleiner Festsaal Universitätsring 1 1010 Vienna, Austria

November 15<sup>th</sup> 2018. 09:00 - 17:30 h

# scientific committee

Hermann Stuppner (President, HMPPA) Brigitte Kopp (Vice-President, HMPPA) Chlodwig Franz (Vice-President, HMPPA) Rudolf Bauer (Vice-President, HMPPA) Verena Dirsch (HMPPA) Anna-Rita Bilia (President, GA) Oliver Kayser (Vice-President, GA) Judith Rollinger (Vice-President, GA)

# organizing committee

Hermann Stuppner (President, HMPPA) Brigitte Kopp (Vice-President, HMPPA) Chlodwig Franz (Vice-President, HMPPA) Rudolf Bauer (Vice-President, HMPPA) Verena Dirsch (HMPPA) Elisabeth Gstrein Birgit Mayer

# invited speakers All presentations will be in English.

#### Prof. Dr. Giovanni APPENDINO

Cannabis beyond the "big two (THC and CBD)": the biological potential of minor cannabinoids and of noncannabinoid constituents of Cannabis University of Piemonte Orientale, Novara, Italy

# Prof. Mahmoud A. EISOHLY. PhD

Cannabis based products: Analytical and product development issues The University of Mississippi, National Center for Natural Products Research. a division of The Research Institute of Pharmaceutical Sciences, USA

## Mag. Bernhard FOEGER

The production of medical cannabis in Austria by ages Institute for Sustainable Plant Production, Division for Food Security, AGES - Austrian Agency for Health and Food Safety, Austria

#### Prof. Dr. Jürg GERTSCH

Cannabis and the endocannabinoid system - a molecular love story Institute of Biochemistry and Molecular Medicine, University of Bern, Switzerland

# Dr. Gianpaolo GRASSI

sponsors

Breeding and agronomical techniques to produce medicinal cannabis CREA-CI. Research Centre for Cereal and Industrial Crops, Branch station of Rovigo, Italy

# Prof. Dr. Javier FERNÁNDEZ-RUIZ

Cannabidiol, a broad-spectrum therapeutic cannabinoid: emphasis on its neuroprotective properties **Department of Biochemistry and Molecular** Biology, Complutense University of Madrid, Spain

The members of the Organizing Committee gratefully acknowledge the support of this scientific symposium by the Society for Medicinal Plant and Natural Product Research (GA), Bionorica ethics and Trigal Pharma GmbH.



Prof. Dr. Werner KNÖSS

Cannabis for medicinal use key parameters of the legal environment Head of Division Licensing 4, Complementary and Alternative Medicines and Traditional Medicines, Federal Institute for Drugs and Medical Devices, Bonn, Germany

### o.Univ.-Prof. DDr. Hans-Georg KRESS, FFMPCAI

Medicinal cannabis - hope or dope? Medical University of Vienna, Division of Special Anesthesia and Pain Medicine, Vienna,

### Prof. Victor NOVACK, MD PhD

From hype to hope, evidence based medicine approach to medical cannabis Soroka University Medical Center, Be'er Sheva, Israel

#### Prof. Dr. med. Michael SCHAEFER Medical use of cannabis:

potential and risks Department of Anesthesiology and Operative Intensive Care Medicine (CCM/CVK), Charité Medical Center Berlin, Germany

# Assoz, Prof. Dr. Rudolf SCHICHO

GPR55: A cannabinoid sensitive receptor that promotes inflammation and cancer of the gastrointestinal tract Otto-Loewi-Forschungszentrum. Medical University of Graz, Austria

organization

This scientific symposium is

organized by the Herbal Medicinal

Products Platform Austria (HMPPA)

and the Society for Medicinal Plant

and Natural Product Research (GA).

If you have any gueries regarding

The event complies is to be certified

Austrian Environmental Label Green

according to the guidelines of the

Meetings & Green Events

the symposium please contact

office@hmppa.at

# registration

Participants for the scientific symposium are invited to register online preferably before November 10th, 2018 at

## www.hmppa.at/cannabis-workshop

The registration fees include coffee breaks and lunch.

# **Early Registration Fees**

until Sept. 30 2018

90.00 FUR Members\* Non-members 110.00 EUR 50.00 EUR Students\*\*

# **Late Registration Fees**

until Nov. 15 2018

Members\* 110.00 EUR 130.00 EUR Non-members Students\*\* 70.00 FUR

\* Members of HMPPA/GA

\*\*In order to claim the student registration fee, proof of full time enrolment at a University or College must be provided.







# **Scientific Symposium**

phytochemical, pharmacological and clinical evidence november 15<sup>th</sup> 2018, university of vienna

organized by Herbal Medicinal Products Platform Austria (HMPPA) Society for Medicinal Plant and Natural Product Research (GA)











2018

www.hmppa.a

# preliminary program morning

08:00	Registration
09:00	Welcome UnivProf. Dr. Hermann Stuppner, HMPPA President Institute of Pharmacy, Pharmacognosy, University of Innsbruck, Austria
	UnivProf. Dr. Anna-Rita Bilia, GA President Department of Chemistry "Ugo Schiff", University of Florence, Italy
09:10	<b>Breeding and agronomical techniques to produce medicinal cannabis</b> Dr. Gianpaolo Grassi CREA-CI, Research Centre for Cereal and Industrial Crops, Branch station of Rovigo, Italy
09:40	The production of Medical Cannabis in Austria by AGES Mag. Bernhard Föger Institute for Sustainable Plant Production, Division for Food Security AGES – Austrian Agency for Health and Food Safety, Austria
10:00	Cannabis beyond the "big two (THC and CBD)": the biological potential of minor cannabinoids and of non-cannabinoid constituents of Cannabis Prof. Dr. Giovanni Appendino University of Piemonte Orientale, Faculty of Pharmacy, Novara, Italy
10:30	<b>Cannabis Based Products: Analytical and Product Development Issues</b> Prof. Mahmoud A. ElSohly, Ph.D., The University of Mississippi, National Center for Natural Products Research, USA
11:00	Coffee break, Discussions
11:30	Cannabis and the Endocannabinoid System - a Molecular Love Story Prof. Dr. Jürg Gertsch Institute of Biochemistry and Molecular Medicine, University of Bern, Switzerland
12:00	GPR55: a cannabinoid sensitive receptor that promotes inflammation and cancer of the gastrointestinal tract Assoz. Prof. Dr. Rudolf Schicho Otto-Loewi-Research Center, Unit: Pharmacology, Medical University of Graz, Austria
12:20	Discussions
12:50	Lunch, Poster Presentation, Short Lectures

# meeting venue

University of Vienna, Main Building, Universitätsring 1, Kleiner Festsaal, 1010 Vienna, Austria.

## How to get there

To get to the Main Building of the University of Vienna, we advise to use the underground or tram and to get off at the station "Schottentor".

## **Arrival by Public Transport**

- Underground line U2: Schottentor station
- Tram lines: 1.37.38.40.41.42.43.44.71. D
- City bus: 1A
- From the main railway station: Use Underground line U1 towards Leopoldau, get off at Karlsplatz station and change to Underground line U2; finally get off at station "Schottentor".

# **Arrival by Plane**

From the airport: check out the tool to plan your journey from Wiener Linien.

### Arrival by Car

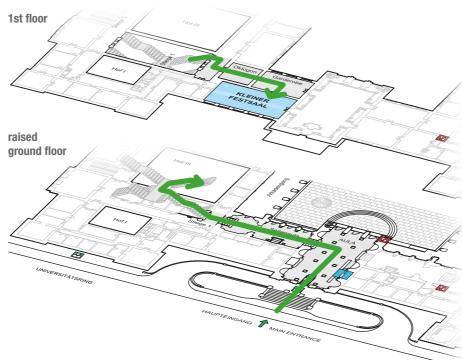
Parking spaces: There is a limited number of parking spaces around the University Main Building.

Short-term parking (subject to charges) applies in the whole area from 09:00–22:00.

Votivparkgarage car park can be accessed via Universitätsstrasse (one-way street towards Universitätsring).

# access route





# preliminary program afternoon

# 14:00 From Hype to Hope. Evidence Based Medicine Approach to Medical Cannabis

Prof. Victor Novack MD PhD

Soroka University Medical Center, Be'er Sheva, Israel

## 14:30 Medical use of cannabis: potential and risks

Prof. Dr. med. Michael Schäfer

Department of Anaesthesiology and Operative Intensive Care Medicine (CCM/CVK), Charité Medical Center Berlin, Germany

# 15:00 Cannabidiol, a broad-spectrum therapeutic cannabinoid:

emphasis on its neuroprotective properties

Prof. Dr. Javier Fernández-Ruiz

Department of Biochemistry and Molecular Biology, Complutense University of Madrid, Spain

# 15:30 Coffee break, Discussions

## 16:00 Cannabis for medicinal use – key parameters of the legal environment

Prof. Dr. Werner Knöss

Head of Division Licensing 4, Complementary and Alternative Medicines and Traditional Medicines, Federal Institute for Drugs and Medical Devices, Bonn, Germany

# 16:30 Medicinal Cannabis – hope or dope?

o.Univ.-Prof. DDr. Hans-Georg Kress Medical University of Vienna, Division of Special Anaesthesia and Pain Medicine, Vienna, Austria

## 17:00 Discussion, Closing remarks

Univ.-Prof. Dr. Rudolf Bauer, HMPPA Vice-President Institute of Pharmaceutical Sciences, Pharmacognosy, University of Graz. Austria

# call for papers

Scientific contributions, such as short lectures (12min + 3min discussion) and posters (max. 90 x 120 cm, width x height) in the field of Cannabis are very much welcome. Abstracts for oral and poster presentations have to be submitted by e-mail to office@hmppa.at until September 30<sup>th</sup>, 2018.

