

International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research

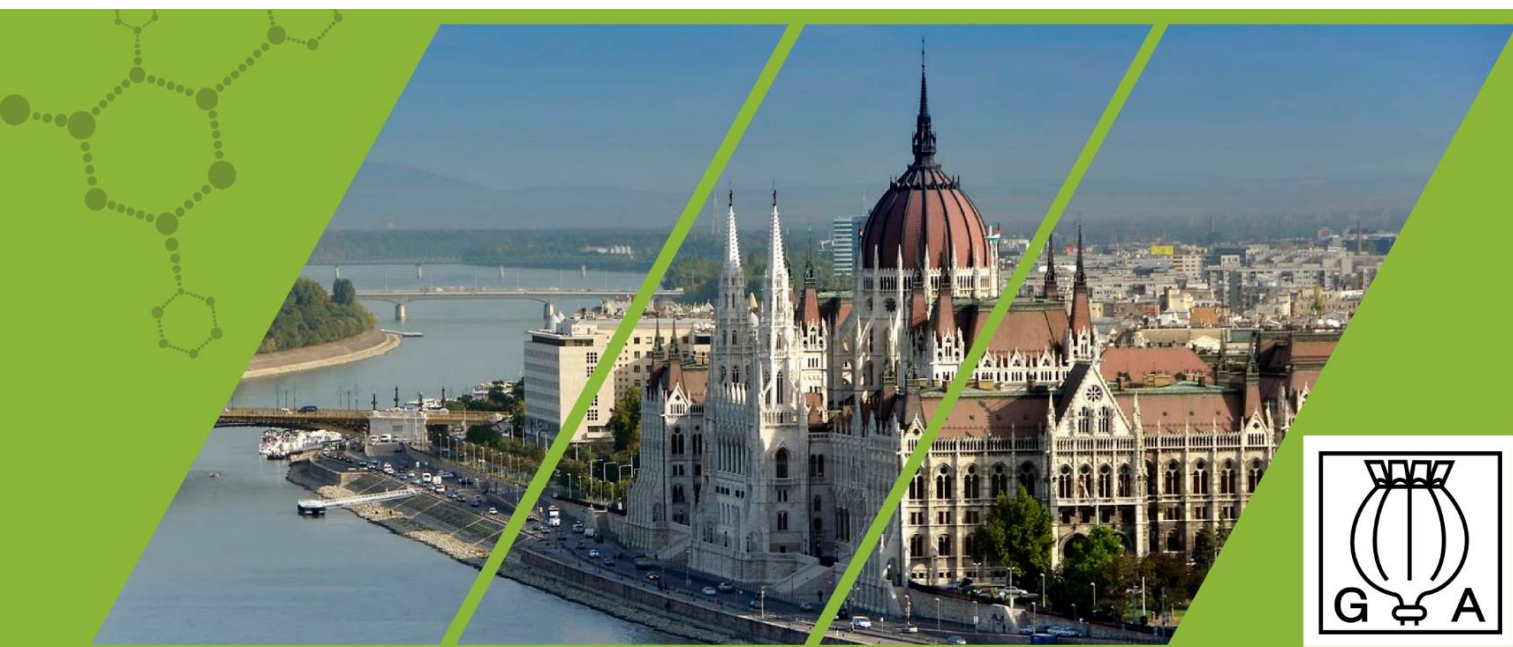
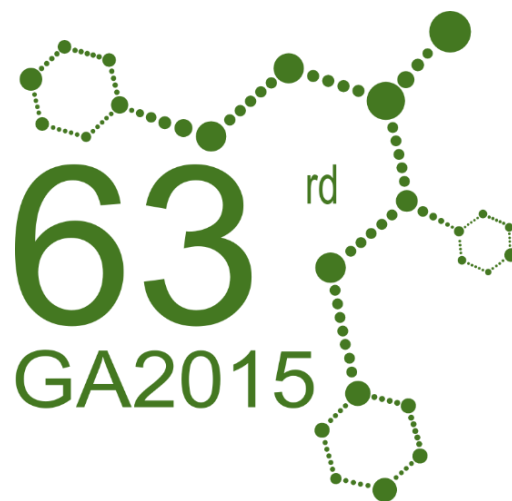
including Pre-Congress Symposium
*Advanced Analytical Technologies as Applied
to Natural Products Research*

Budapest, Hungary, 23 – 27 August 2015

Organizers:

Society for Medicinal Plant and Natural Product Research (GA)
Institute of Pharmacognosy, Faculty of Pharmacy, University of Szeged

www.ga2015.hu



Second announcement

Invitation

We are delighted to invite you to the 63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA). The conference covers natural product research from phytochemical studies to phytotherapeutic applications. The aim of the congress is to serve as a forum for discussions on trends, and the latest results, and to exchange ideas relating to phytochemical analysis, ethnopharmacology and phytopharmacology.

The scientific program will include plenary lectures by invited speakers, and keynote talks on recent topics of natural product research, as well as contributed lectures and poster presentations. Parallel sessions will allow an appreciable number of participants to present results in oral talks. The poster sessions at central time frames within the congress will also provide an opportunity for scientific discussions. The conference will be accompanied by two workshops, one providing a forum for young researchers and the other for in-depth insight of regulatory affairs of medicinal plant products.

Budapest, a European metropolis with its vibrant cultural life, is the academic center of the country. As a participant of the GA Conference, you will have the opportunity to become acquainted with the monuments of the historical past of the city and discover its present with spas, restaurants and contemporary museums. The selected venue of the event, the Budapest Congress Center, is a perfect setting for the organization of an enjoyable and fruitful scientific meeting.

On the last day of the Conference, participants can choose from two alternative excursions, all of which offer unforgettable experiences for participants and accompanying persons. The Monastery at Pannonhalma, an ancient historic monument, a UNESCO world heritage site, is one of the cradles of medicinal plant cultivation in Hungary. The Tihany Peninsula at the lake Balaton, with its picturesque location, is famous for its lavender fields.

Prof. Judit Hohmann,
Dr. Dezső Csupor
Co-Chairs of the Congress

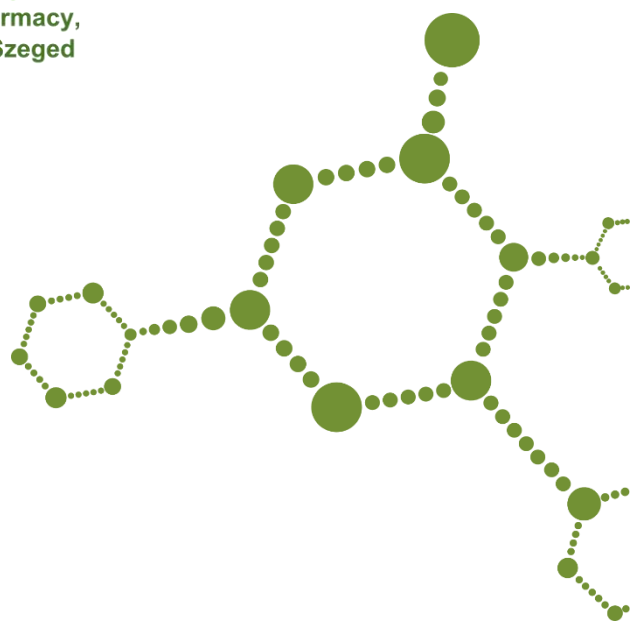


**Institute of
Pharmacognosy,
Faculty of Pharmacy,
University of Szeged**

Main sponsor



Gold sponsor



Pre-congress symposium

Advanced Analytical Technologies as Applied to Natural Products Research

Natural product chemistry has traditionally been a very long and time-consuming process for discovery research. From extraction, purification and compound isolation for structure elucidation, the methodologies employed in each step of the process are sometimes antiquated or lack proper advanced technologies to perform the tasks properly. Many of the techniques and hardware used in natural product laboratories today have been passed on from lab mates to lab mates. A successful natural product program in today's discovery process needs to possess all of the current tools to perform rapid compound isolation and structure elucidation in order to follow-up quickly on active leads. In addition, these processes need to be done on scales approaching traditional screening quantities. Survival of natural products as a source of viable and diverse chemical entities for drug discovery demands new sets of advanced technologies and purification methodologies.

This one day symposium will present a complete overview of all the latest analytical equipment available to perform extraction, multiple steps in the chromatographic separation paths, HPLC column choices, sample detection schemes, sample drying, NMR data acquisition at the microgram scale, data processing, structure elucidation and analytical data management. Participants will hear from industry hardware leaders on each of the hardware requirements in taking a biomass thru to a pure compound. The symposium will be structured as a collaborative effort of all hardware manufactures working on one common goal, to obtain a pure compound. Ample time will be devoted to the art of structure elucidation from both the chemists' perspective and from available structure elucidation software.

Come hear from the industry leaders as we recreate the ultimate natural product discovery program for all natural product research laboratories. This will not be a vendor sales pitch but an excellent opportunity to hear state-of-the-art science from industry leaders.

Organized by:

Mark O'Neil-Johnson, Sequoia Sciences, Inc.
moj@sequoiasciences.com

Committed Presenters:

Waters
Bruker
Grace
BioTools
ACD Labs
Sequoia Sciences

REGISTRATION FEE: 25 EUR



Main scientific topics

From natural products toward potential drug leads
Natural products in CNS-related diseases
Medicinal plants in the treatment of chronic diseases
Pharmacokinetics of phytochemicals
Clinical and observational studies with herbal products
Quality assessment of medicinal plants, phytomedicines and herbal dietary supplements
New opportunities for biotechnology and cell biology
Ethnobotany and ethnopharmacology
Herbal dietary supplements
Medicinal plants and natural products in animal healthcare and veterinary medicine

Scientific contributions in other topics related to natural product research are also welcome.

Plenary speakers (confirmed)

Giovanni Appendino

Università del Piemonte Orientale, Department of Pharmaceutical Sciences (Italy)

Helichrysum italicum: Back to medicine from the tinsel of luxury

Armando Cáceres

Universidad de San Carlos, Facultad de CCQQ y Farmacia, Laboratorio Farmaya Guatemala (Guatemala)

From traditional uses of Mesoamerican medicinal plants to modern phytotherapy in Guatemala

Anne Eckert

University of Basel, Neurobiology Lab for Brain Aging and Mental Health, Transfaculty Research Platform, Molecular & Cognitive Neuroscience (Schweizerland)

Natural substances and neurodegenerative diseases: From molecular mechanisms to clinical effects

István Katona

Institute of Experimental Medicine of Hungarian Academy of Sciences, Department of Molecular and Developmental Neuroscience, Budapest (Hungary)

The *Cannabis* plant and the endocannabinoids: How an ancient medicinal plant helps uncovering of a major signaling system in our body

Thierry Langer

University of Vienna, Department of Pharmaceutical Chemistry (Austria)

3D Feature-based pharmacophore models: Efficient tools for profiling natural products

John S. Markowitz

University of Florida, Gainesville, Department of Pharmacotherapy and Translational Research, Center for Drug Interaction Research and Education (USA)

Limitations of *in vitro* assessments of the drug interaction potential of botanical supplements

Nicolas Oberlies

University of North Carolina at Greensboro, Department of Chemistry and Biochemistry (USA)

Approaches and progress toward bioactive leads from fungi

Gisbert Schneider

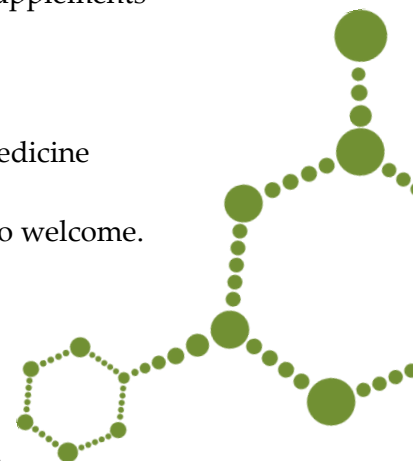
ETH Zürich, Department of Chemistry and Applied Biosciences, Institute of Pharmaceutical Sciences (Switzerland)

Natural product inspired drug discovery: How to teach your computer?

Ben-Erik Van Wyk

University of Johannesburg, Department of Botany and Plant Biotechnology (South Africa)

African perspectives on natural product research, based on ethnobotanical and ethnopharmacological knowledge.



Call for papers

In addition to plenary and highlight lectures we offer space for more than 80 short lectures (10 + 5 min) and high-quality posters related to the topics of the meeting and to relevant subjects of medicinal plant research and natural product chemistry.

Please note that all scientific contributions (including poster presentations) are subjected to an extensive review process; only high-quality abstracts will be accepted. All accepted abstracts will be provided free of charge to all conference participants in electronic form on a pendrive, and published later in a special conference issue of PLANTA MEDICA. (Please note that accepted abstracts which are not presented during the conference because of absence of the presenting author will not be published in PLANTA MEDICA.)

Deadline for abstract submission is fixed to April 15, 2015. Notification of acceptance or rejection and publication of accepted abstracts will follow by June 15, 2015.

Please note that submission of abstracts requires prior registration of at least one author via the conference website. One author can submit up to two abstracts. A link to the abstract submission platform will become available only after successful registration. Please note that the abstract submission system used by GA is technically separate from the general conference registration system. It will hence be necessary that you input your profile data at 2 different stages during the registration and abstract submission process.

All details concerning abstract size, format etc. will be available at the abstract submission website.

Only abstracts submitted via the online submission system can be considered.

Deadlines

| | |
|--|--|
| Abstract submission close | April 15, 2015 |
| Travel grant application | March 31, 2015 |
| Information on acceptance of abstract | latest June 15, 2015 |
| Early registration | until April 15, 2015 |
| Normal registration | until July 15, 2015 |
| Cancellation with refund | latest June 15, 2015 (minus 50,00 EUR handling fee) |

Please note that after this date, cancellation will only be possible without refunding



Workshops

Before the conference itself, on 23 August, we cordially invite you for our Workshops as follows:

Regulatory Affairs Workshop

Chairs: A. Vlietink, S. Alban

Price: 10 EUR

9th Young Researchers Workshop

Chairs: S. Apers, R. Fürst

Price: 10 EUR

covered within a special section in the PLANTA MEDICA conference issue. Registration is available at the conference website www.ga2015.hu.

Travel grants

Graduate students and post-docs can apply for a Travel Grant. Detailed information and application forms are available here:

http://www.ga-online.org/young_res_travelgrants_en.html

Congress secretariat

All correspondence concerning scientific aspects should be addressed to:

Prof. Dr. Judit Hohmann or

Dr. Dezső Csupor

Institute of Pharmacognosy,
Faculty of Pharmacy, University of Szeged
H-6720 Szeged, Eötvös u. 6.

Phone: + 36 62 546 453, + 36 62 545 559

Fax: + 36 62 545 704

E-mail: ga2015@pharmacognosy.hu

The **Organizer** of the 63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research:

**Gesellschaft für Arzneipflanzen- und
Naturstoff-Forschung e.V.**

Dr. Birgit Benedek

Uttenreuther Straße 1

D - 91077 Neunkirchen am Brand, Germany

Professional congress management for registration, accommodation, and all administrative subjects will be provided by:

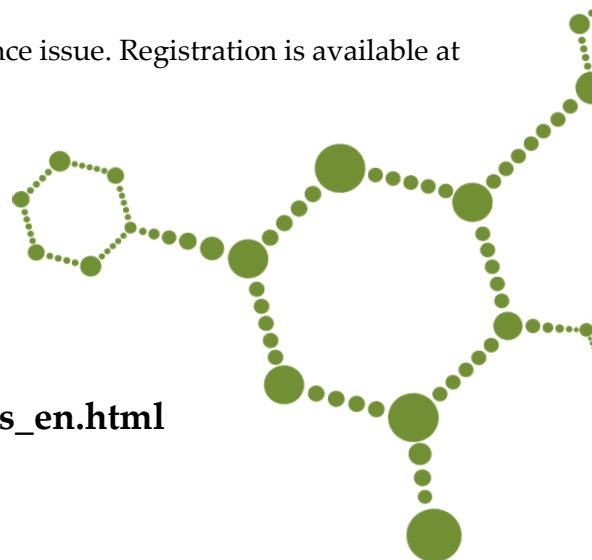
Diamond Congress Ltd.

H-1015 Budapest, Csalogány u. 28.

Phone: + 36 1 214 7701

Fax: + 36 1 201 2680

E-mail: diamond@diamond-congress.hu



Local Organizing Committee

Judit Hohmann

Institute of Pharmacognosy, University of Szeged, Szeged

Dezső Csupor

Institute of Pharmacognosy, University of Szeged, Szeged

Ágnes Kéry

Institute of Pharmacognosy, Semmelweis University, Budapest

Ákos Máthé

Department of Botany, University of West Hungary, Mosonmagyaróvár

Imre Máthé

Institute of Pharmacognosy, University of Szeged, Szeged

Kálmán Szendrei

Institute of Pharmacognosy, University of Szeged, Szeged

Éva Szőke

Institute of Pharmacognosy, Semmelweis University, Budapest

Éva Zámoriné Németh

Department of Medicinal and Aromatic Plants, Corvinus University, Budapest



Scientific Committee

Pawan K. Agrawal (Westerville, USA)

Christian Agyare (Kumasi, Ghana)

Sandra Apers (Antwerp, Belgium)

João Batista Calixto (Florianópolis, Brazil)

Rudolf Bauer (Graz, Austria)

Anna Rita Bilia (Florence, Italy)

Wolfgang Blaschek (Kiel, Germany)

Gerald Blunden (Portsmouth, UK)

Lars Bohlin (Uppsala, Sweden)

Veronika Butterweck (MuttENZ, Switzerland)

Fang-Rong Chang (Kaohsiung, Taiwan)

Alberto Dias (Braga, Portugal)

Kobus Eloff (Pretoria, South Africa)

Clemens Erdelmeier (Karlsruhe, Germany)

Nikolas Fokialakis (Athen, Greece)

Robert Fuerst (Frankfurt, Germany)

Jürg Gertsch (Zürich, Switzerland)

De-An Guo (Shanghai, China)

Matthias Hamburger (Basel, Switzerland)

Michael Heinrich (London, UK)

Andreas Hensel (Münster, Germany)

Anna Jäger (Copenhagen, Denmark)

Sami A. Khalid (Omdurman, Sudan)

Douglas Kinghorn (Columbus, Ohio, USA)

Brigitte Kopp (Wien, Austria)

Wolfgang Kreis (Erlangen, Germany)

Marie-Aleth Lacaille-Dubois (Dijon, France)

Virginia Lanzotti (Naples, Italy)

Irmgard Merfort (Freiburg, Germany)

Eduardo Munoz (Cordoba, Spain)

Adolf Nahrstedt (Münster, Germany)

Nicholas H. Oberlies (Greensboro North Carolina, USA)

Luc Pieters (Antwerp, Belgium)

Olivier Potterat (Basel, Switzerland)

Peter Proksch (Düsseldorf, Germany)

Jose-Luis Rios (Valencia, Spain)

Judith Rollinger (Innsbruck, Austria)

Alexander Shikov (St. Petersburg, Russia)

Miroslav Strnad (Olomouc, Czech Republic)

Hermann Stuppner (Innsbruck, Austria)

Nikolaus J. Sucher (Sydney, Australia)

Deniz Tasdemir (Galway, Ireland)

Robert Verpoorte (Leiden, The Netherlands)

Arnold Vlietinck (Antwerp, Belgium)

Heikki Vuorela (Helsinki, Finland)

Jean-Luc Wolfender (Geneva, Switzerland)

Yang-Chang Wu (Taichung, Taiwan)

Yang Ye (Shanghai, China)

Official language

The official language of the conference will be English. There will be no provision for simultaneous translation into other languages.

Registration & hotel booking

Registration for the congress can be done through an online registration link on the congress website. Information on hotel bookings as well as the booking link can be found on the congress website, too:

| www.ga2015.hu

Travel to the region

General information

The region has an easy access from all countries of Europe, and also from other continents. For travel to Budapest there are several good options. The international airport of Budapest (terminals 2A, 2B) connects the city directly to some overseas and to all important European destinations. The three main railway stations (Déli, Keleti, Nyugati) are either terminations or stops of many intercity trains from west and east, south and north. There are several international coach services to Budapest. Motorists can also reach Budapest easily on the European motorway network.

Travel to Budapest by air

There are daily direct flights from most European and from some North American cities. Liszt Ferenc Airport is situated on the SE margin of Budapest, 20 km from the city centre and is a popular destination for many low fare air carriers. The Airport Minibus service is relatively cheap and reliable. Public transport buses (#200E, air conditioned, from Terminal 1 also#93) circulate between the terminals and the Kőbánya-Kispest terminal of the Metro line 3 ("blue line") at 8-15-minute intervals in daytime. As an alternative, trains from Terminal 1 leave for Nyugati railway station frequently. Főtaxi has exclusive rights for operation of a taxi service from (and to) the airport for fixed prices according to distance zones (hence the name) based on a contract with Budapest Airport Ltd.

Budapest airport has two terminals (practically one large, as 2B is directly connected to 2A),

| Terminal 2A: for international flights arriving from the Schengen zone

Terminal 2B: for flights arriving from the non-Schengen zone (incl. flights from overseas), departure terminal for budget airlines

Travel to Budapest by train

Budapest has direct rail links to some 25 capitals.

There are three major international railway stations in Budapest:

| Keleti pályaudvar (Eastern Railway Station), on Metro line 2 ("red line")

Nyugati pályaudvar (Western Railway Station), on Metro line 3 ("blue line")

Déli Pályaudvar (Southern Railway Station), on Metro line 2 ("red line")

For information on international connections in English see the railway journey planner of the MÁV-Start Zrt. (Hungarian Railway Passenger Transport Co. - elvira.mav-start.hu) or the international railway journey planner Deutsche Bahn (www.bahn.com).

Social events



GET-TOGETHER PARTY

Sunday, 23 August 2015

The organizers planned to welcome the attendees of GA 2015 with a welcome reception, including a surprise program. The aim of this event is to get known each other, greet old friends and get some new. The tentative duration of this reception is 2 hours. The party will take place at the Venue, in the Budapest Congress Center, address: H-1123 Budapest, Jagelló u. 1-3.

Price: free of charge (registration required)

Registration is available in the main online **database**.



CONCERT IN MATTHIAS CHURCH

Monday, 24 August 2015

The organizers are cordially inviting you for an organ concert (cca. 30 minutes long) in the unique building of the Matthias Church, in the heart of the castle district of Budapest.

Matthias Church (Hungarian: Mátyás-templom) is a Roman Catholic church located in Budapest, Hungary, in front of the Fisherman's Bastion at the heart of Buda's Castle District. According to church tradition, it was originally built in Romanesque style in 1015.

Price: free of charge (registration required)

Registration is available in the main online **database**



CONGRESS DINNER

Wednesday, 26 August 2015

After four days filled with science, presentations, discussions and networking we will celebrate our guests and the conference with a congress dinner in the **Lázár Equestrian Park**, Domony Valley, about 30 km to Budapest.

All transfer costs are included in the programme.

Programme:

Guests will be offered salty snacks, pálinka (Hungarian brandy) and soft drink after arrival. Typical Hungarian menu will be served in the Csárda. After the dinner the Equestrian Show will be presented.

The programme **can be registered separately**: 60 EUR, or as the part of the **registration fee upgrade**: 120 EUR (incl. 3x lunches, congress dinner).

Registration is available in the main online **database**



EXCURSIONS

We hereby wish to invite you for an exciting excursion to Transdanubia. We offer two different excursions for the last day, Thursday, 27 August 2015.

Pannonhalma

Pannonhalma, a town in western Hungary, is famous for its ancient monastery and a source of Hungarian medicinal plant culture. The participants of this excursion will have the opportunity to visit the recently renovated monastery, which is a World Heritage site, and the botanical and medicinal plant garden, where the tradition of benedictine medicinal plant cultivation is still preserved.



The Tihany peninsula

The Tihany Peninsula, where cultural heritage and medicinal plant culture meets, with its unique microclimate and magnificent view to the Lake Balaton, is a perfect destination for a one-day trip.



Price: 80 EUR (for each trip) incl. lunch, refresher, all transfer costs and tickets.

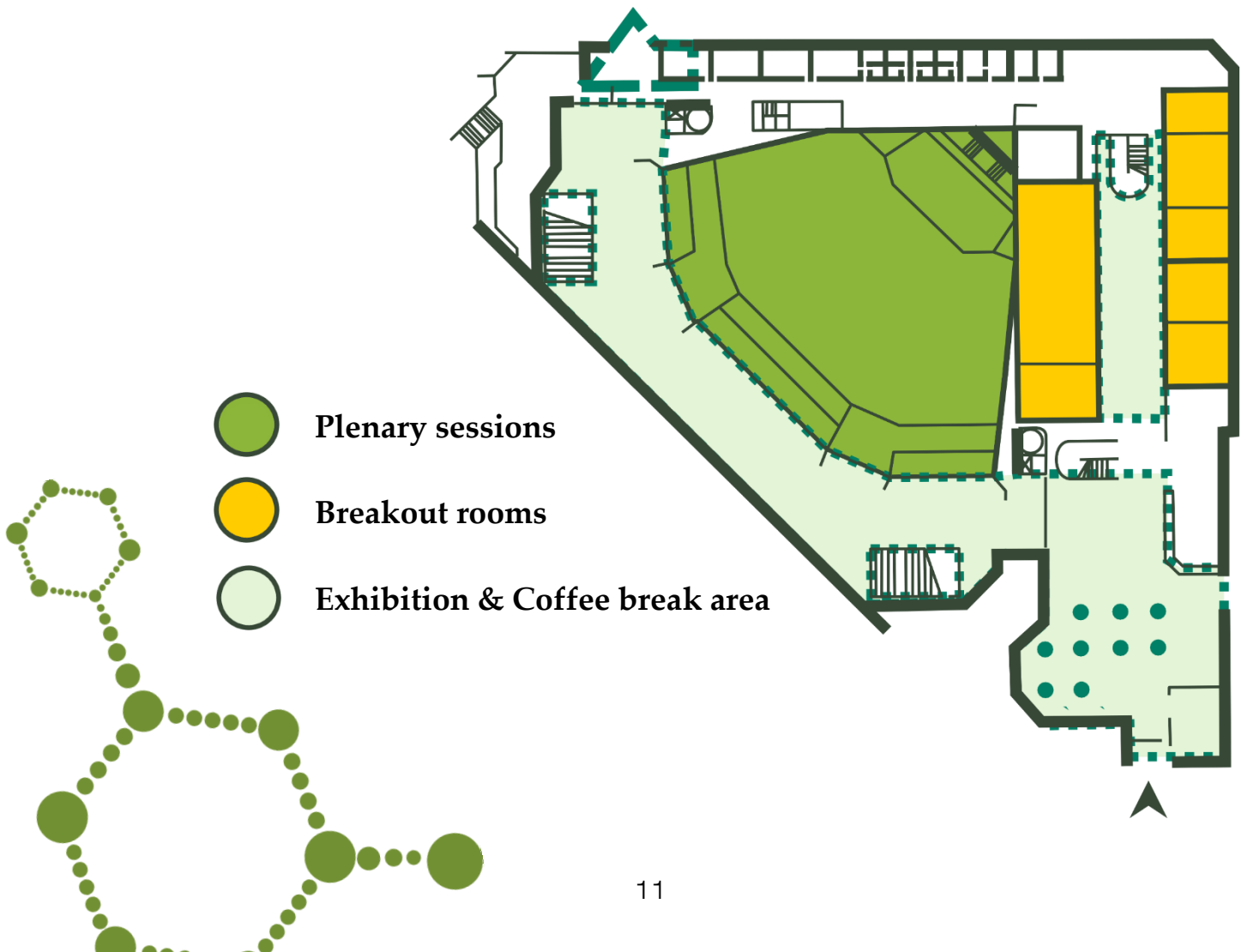
Registration is available in the main online database

Preliminary timetable

| Time | Sunday | Monday | Tuesday | Wednesday | Thursday | Time | | | |
|-------|--------------------|---|--|--|-------------------|------------------------|--------------------|-------|-------|
| 9:00 | | Opening Ceremony (35') | Plenary 4 (45') | Plenary 8 (45') | Excursion 1 and 2 | 9:00 | | | |
| 10:00 | Symposium | GA Award Lecture (35') Planta Medica Best Paper Award (10') | Plenary 5 (45') | Plenary 9 (45') | | 10:00 | | | |
| 11:00 | | Plenary 1 (45') | Coffee Break (30') | Coffee Break (30') | | 11:00 | | | |
| 12:00 | Lunch break | Coffee Break (30') | GA Award Lecture and presentation of Budakalacs (35') | SL 13 (6x15') | | SL 14 (6x15') | SL 15 (6x15') | 12:00 | |
| 13:00 | Symposium | Plenary 2 (45') | SL 7 (6x15') | SL 8 (6x15') | | SL 9 (6x15') | Lunch Break (100') | 13:00 | |
| 14:00 | | WS1 | WS2 | Lunch Break (115') | | | | 14:00 | |
| 15:00 | Coffee break | Plenary 3 (45') | Plenary 6 (45') | Poster Session 2 (120') with Coffee Break | | | 15:00 | | |
| 16:00 | Symposium | WS1 | WS2 | Plenary 7 (45') | | Closing Ceremony (30') | | | 16:00 |
| 17:00 | | SL 4 (5x15') | SL 5 (5x15') | SL 6 (5x15') | | Coffee Break (30') | | | 17:00 |
| 18:00 | | Poster Session 1 (120') "Posters & Wine" | SL 11 (5x15') | SL 11 (5x15') | | SL 12 (5x15') | | 18:00 | |
| 19:00 | Get Together Party | | GA Members Meeting | Congress Dinner | | | 19:00 | | |
| 20:00 | | Concert | | | | | 20:00 | | |

REGISTRATION (and Monday-Wednesday 8:30-19:00)

Legend of the congress venue



We hope that our congress will find your interest,
please feel free to contact us
for further assistance.

