20th International Congress of the International Society for Ethnopharmacology

27-29 April 2020
Capsis Hotel
Thessaloniki, Greece

www.ethnopharmacology2020.org

Local Organiser
ARISTOTLE UNIVERSITY OF THESSALONIKI
FACULTY OF HEALTH SCIENCES
School of Pharmacy

Co-organisers
Hellenic Ethnopharmacology Society
HELENIC REPUBLIC
National and Kapodistrian University of Athens

Under the Auspices

1st Call
20th International Congress of the International Society for Ethnopharmacology

27-29 April 2020
Capsis Hotel
Thessaloniki, Greece
Dear friends and colleagues,

On behalf of the International Society for Ethnopharmacology (ISE) it is a special privilege and a pleasure to invite you to the 20th International Congress of International Society for Ethnopharmacology (ISE), which will be held from April 27th – April 29th 2020 in Thessaloniki, Greece.

For the first time ISE Congress is hosted in Greece, one of the most influential cultures in European and Mediterranean area. Through the emblematic figures of Hippocrates, Dioscorides and later on, with the Byzantine physicians, Greece has deeply influenced the European Traditional Medicine and has left a legacy which is traced down today in modern Pharmacopoeias. A common feature of this rich heritage of traditional medicine, which covers three millennia, is the wealth of the Greek Flora, endowed with more than 6500 plant species and still under exploration.

We believe that ISE 2020 will bring together renowned scientists from all over the world and we invite you to participate actively in this exciting event. The congress aims to increase our knowledge on traditional medicinal products the influence of herbal medicinal products in the Pharmacopoeias and the role of natural products in drug discovery, nutrition and applied chemistry. The scientific program of the main conference includes plenary lectures and invited short lectures, contributed short lectures and posters. Short lectures will be held at least in two parallel sessions, and poster sessions will provide a perfect forum for networking and lively scientific discussions.

The City of Thessaloniki is the second largest city in Greece, capital of Northern Greece and the Balkans. Being at a crossroad joining Europe and Asia is a cultural metropolis. Dating back to ancient Greeks, fatherland of Alexander the Great. Within a ten-minute walk one can reach monuments representing 2,300 years of history. Furthermore, Thessaloniki offers a great hospitality.

On behalf of the Universities of Thessaloniki, Athens and Patras and the Hellenic Society of Ethnopharmacology,

We welcome you in Thessaloniki and we wish you a fruitful and pleasant stay!

Karioti Anastasia
Assistant Professor
Department of Pharmacognosy-Pharmacology
Aristotle University of Thessaloniki, Greece

Lazari Diamanto
Associate Professor
Department of Pharmacognosy-Pharmacology
Aristotle University of Thessaloniki, Greece
International Organizing Committee

Günter Vollmer
Chairman of ISE 2019

Anna - Rita Bilia
University of Florence

Michael Heinrich
University of London, United Kingdom

Marco Leonti
Università di Cagliari Italy

Pulok K. Mukherjee
Jadavpur University, India

Guillermo Schmeda - Hirschmann
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Hellenic Agricultural Organization – Demeter-ELGO

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National and Kapodistrian University of Athens

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Hellenic Agricultural Organization – Demeter-ELGO

Marios Marselos  
University of Ioannina

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Hellenic Society of Ethnopharmacology

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Anna - Rita Bilia  
University of Florence

Alessandra Braca  
University of Pisa

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Theofanis Constantinidis  
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Jacobus - Nicolaas Eloff  
University of Pretoria, South Africa

Nikolaos Fokialakis  
National and Kapodistrian University of Athens

Ilias Giannenas  
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Democritus University of Thrace

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University of Patras

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Aristotle University of Thessaloniki

Marco Leonti  
Università di Cagliari Italy

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National and Kapodistrian University of Athens

Marios Marselos  
University of Ioannina

Sofia Mitakou  
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Pulok K. Mukherjee  
Jadavpur University, India

Lall Namrita  
University of Pretoria, South Africa

James Oluwagbami - Fajemiroye  
Federal University of Goiás, Brazil

Roberto Saaverdra  
Universidad Santo Tomás, Chile

Guilermo Schmeda - Hirschmann  
Universidad de Talca, Chile

Helen Skaltsa  
National and Kapodistrian University of Athens

Leandros Skaltsounis  
National and Kapodistrian University of Athens

Vasileios Roussis  
National and Kapodistrian University of Athens

Olga Tzakou  
National and Kapodistrian University of Athens

Caroline Weckerle  
University of Zurich, Switzerland

Zhao Zhongzhen  
Hong Kong Baptist University, China
**KEYNOTE SPEAKERS**

- Prof. Margarita Arianoutsou, National and Kapodistrian University of Athens, Greece
- Prof. Anna Rita Bilia, University of Florence, Italy
- Prof. Alessandra Braca, University of Pisa, Italy
- Prof. Angela Calderon, Auburn University, United States
- Prof. Alexander T. Florence, University College of London
- Prof. Ilias Giannenas, Aristotle University of Thessaloniki, Greece
- Dr. Eleni Maloupa, Hellenic Agricultural Organization – Demeter-ELGO, Greece
- Prof. Helen Skaltsa, National and Kapodistrian University of Athens, Greece
- Prof. Hermann Stuppner, University of Innsbruck, Austria
- Prof. Alvaro Viljoen, Tshwane University of Technology, Pretoria
- Prof. Merlin Willcox, University of Southampton, United Kingdom

**THEMATIC TOPICS**

- Application of hyphenated techniques in quality assurance of ethnopharmacological sources
- Aromatic and medicinal plants in animal health: ethnopharmacological approach
- Aromatic and medicinal plants of the Mediterranean basin as food and dietary supplements
- Conservation and sustainable use of herbal resources
- Ethnobotanical approach to drug discovery: Theory, methodology and limitations
- Formulation of Natural products and medicinal plants: from traditional to modern phytotherapeutics
- Greek ethnopharmacology
- Pharmacological and clinical studies of medicinal plants & natural products
- Traditional use of plants and herbal pharmacopoeias: the contribution of the Mediterranean flora
The International Society for Ethnopharmacology (ISE) has the pleasure of inviting you to Thessaloniki, Greece on April 27–29, 2020 for the 20th International Congress of International Society for Ethnopharmacology (ISE), which will take place in the facilities of the Capsis Hotel.

In the historic and vibrant city of Thessaloniki, Capsis Hotel Thessaloniki offers upgraded and sophisticated services to both corporate and leisure travelers.

Capsis is the largest city hotel in Northern Greece. Conveniently located in the city center and within easy walking distance from all the main attractions and points of interest of Thessaloniki, it is the ideal accommodation choice. The hotel features fully renovated and ergonomically decorated rooms, state of the art conference facilities, restaurants, gym and hammam bath and an outdoor swimming pool in the Roof Garden. With an experience of over 50 years in the lodging industry we deliver upscale services that generate an ambiance of warmth and intimacy, the “trademark” of all Capsis properties.

<table>
<thead>
<tr>
<th>Capsis Hotel Thessaloniki 4*</th>
<th>cost per night</th>
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</thead>
<tbody>
<tr>
<td>Single Room</td>
<td>90,00 €</td>
</tr>
<tr>
<td>Double Room</td>
<td>105,00 €</td>
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</tbody>
</table>

• Breakfast included • Free WiFi
* VAT is included
** The residence tax is paid by the client
The city of Thessaloniki

Friendly, charming and with a hint of mystery and wealth of cultural attractions, the second largest city in Greece is located in the northern part of the country. It is a longtime melting pot of cultures, a feature that is reflected in the spicy flavors with eastern influences, as well as flavors from France and the Balkans, as well as the cosmopolitan atmosphere. This is also visible in the city’s architectural fabric, where Byzantine, neoclassical, turn of the century Art Nouveau and Eclecticism, Art Deco and more styles combine in the city center.

Thessaloniki sprawls around an arc of coastline at the top of the Thermaic Gulf. The main area of interest to visitors is along the shore between the ferry port and the city’s emblem, the White Tower, and in the area that rises inland from here to the ancient city walls. It is the gateway to some fascinating parts of northern Greece – renowned beaches, inland destinations, and beautiful, refreshing mountains like Mount Olympus.

The city is walkable and lively – a worthwhile destination in its own right.
## Programme Overview

### Sunday 26 April
- 10:00: Optional Excursion
- 18:00-20:00: Registrations
- 20:00: Get Together Party

### Monday 27 April
- 08:00-09:00: Registrations
- 09:00-10:00: Opening of the Conference
- 10:00-11:00: Plenary lectures
- 11:00-11:30: Coffee Break
- 11:30-13:00: Plenary lectures
- 13:00-14:00: Lunch
- 14:00-18:00: Workshop
- 14:00-16:30: Parallel Session 1
- 16:30-17:30: Coffee Break
- 16:30-17:30: Poster session

### Tuesday 28 April
- 09:00-11:00: Plenary lectures
- 11:00-11:30: Coffee Break
- 11:30-13:00: Plenary lectures
- 13:00-14:00: Lunch
- 14:00-16:00: Parallel Session 2
- 14:00-16:30: Parallel Session 3
- 16:00-16:30: Short lecture
- 16:30-17:00: Coffee Break
- 17:00-18:00: Plenary lectures
- 18:00-19:30: ISE Members Assembly
- 20:00-23:00: Congress Dinner

### Wednesday 29 April
- 09:00-11:00: Plenary lectures
- 11:00-11:30: Coffee Break
- 11:30-13:00: Plenary lectures
- 13:00-14:00: Lunch
- 14:00-16:00: Oral Sessions
- 16:00-16:30: Closing Ceremony
- 17:00: Optional Excursion
CALL FOR PAPERS – ABSTRACT SUBMISSION GUIDELINES

ABSTRACT SUBMISSION

The Organizing & Scientific Committees of the 20th International Congress of the International Society for Ethnopharmacology is delighted to announce the Call for Abstracts for our upcoming congress, to be held on 27–29 April, Thessaloniki, Greece! We welcome the submission of abstracts for original contribution to the field.

The main issues that the congress will address are:

- Application of hyphenated techniques in quality assurance of ethnopharmacological sources
- Aromatic and medicinal plants in animal health: ethnopharmacological approach
- Aromatic and medicinal plants of the Mediterranean basin as food and dietary supplements.
- Conservation and sustainable use of herbal resources
- Ethnobotanical approach to drug discovery: Theory, methodology and limitations
- Formulation of Natural products and medicinal plants: from traditional to modern phytotherapeutics
- Greek ethnopharmacology
- Pharmacological and clinical studies of medicinal plants & natural products
- Traditional use of plants and herbal pharmacopoeias: the contribution of the Mediterranean flora

Consult the Submission Guidelines and submit your abstract until 10 January, 2020!

* 3 Abstracts per Registration
** There will not be any extension!
*** For those who are interested in taking a Visa please communicate with the congress secretariat at ethnopharmacology@artion.com.gr

GUIDELINES

The Scientific Committee of the 20th International Congress of the International Society for Ethnopharmacology welcomes the submission of original abstracts according to the following submission guidelines the latest by 10 January, 2020.

The submitted abstracts will be assessed, peer-reviewed and grouped by topic. Accepted abstracts will be considered for oral or poster presentations. All abstracts as oral or poster form will be published in the book of abstracts.

Submission of abstract & guidelines

Abstracts must be submitted not later than 10 January 2020 by filling in the online submission form. Abstracts received after that deadline will not be considered. It is required that for each accepted abstract at least one of the authors has pre-registered. Authors are exclusively responsible for the submission of their presentation according to the abstract submission guidelines and for submitting their abstract in due time according to the abstract submission deadline. If guidelines are not followed, abstracts will be returned to sender/writer for corrections. Therefore, timely abstract submission is recommended. In case the submitted abstract does not respect the rules and there is not time for correction due to the abstracts deadline, it will be disqualified automatically. All scientific contributions (posters and orals) are subjected to an extensive review process. After evaluation corresponding authors will receive feedback. In case you find any difficulty in submitting your abstract electronically, please contact ARTION Conferences & Events at ethnopharmacology2020@artion.com.gr. The Scientific Committee reserves the right to include a presentation according to the needs of the Congress’ Scientific Program or even change the requested presentation type from oral to poster.
Abstract content

Software – Abstracts should be typed on a word processor (".doc" or " .docx" format).

Font, size, spacing, alignment – They should be written in Calibri font 11 pt, single-spaced, without spaces between paragraphs and justified paragraph alignment.

Spacing, paragraphs – The first line of paragraphs should not be indented. There should be no spaces between paragraphs: title, authors and affiliated institutions/hospitals. There should be one single space between the affiliated institutions/hospitals and the abstract text.

Title – The title should be in Bold sentence-case letters, as brief as possible (no more than two lines) and it should not contain information that reveal the source of the abstract.

Authors - All of the names should be written in the nominative in Sentence-case letters; the surname should follow the first initial of the name; and the superscript should be inserted at the end with no space. The presenter’s name should be underlined; the superscript should not be underlined. Listed names should be separated by a comma, e.g.

M. Papadopoulou¹, A. Papadopoulos²

Address of institution – The name of the institution should precede the location, if the location is not included in the name of the institution (e.g. Spine and Scoliosis Unit, “KAT” General Hospital of Attica, Greece or Department of Neurosurgery, 424 Army General Hospital, Thessaloniki, Greece). When more than one institution is mentioned, the reference superscripts should be written before the name, e.g.

M. Papadopoulou¹, A. Papadopoulos²

¹ Spine and Scoliosis Unit, “KAT” General Hospital of Attica, Greece
² Department of Neurosurgery, 424 Army General Hospital, Thessaloniki, Greece

Abbreviations may be used after the reference has been written out in full in parentheses after the first appearance in the text. The text should be no longer than 300 words.

The abstracts submitted will be assessed, peer reviewed and grouped by topic. Accepted abstracts will be presented as oral or poster presentations. All presented abstracts as oral or poster form will be published in the book of abstracts.

IMPORTANT DATES

Deadline for Abstract Submission 10/1/2020
Notification of Acceptance 4/2/2020
Deadline for Early Bird Registration 25/2/2020
REGISTRATIONS

<table>
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<th>Registration Type</th>
<th>Early Fee till 25/02/2020</th>
<th>Late Fee after 25/02/2020</th>
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<tr>
<td>Member</td>
<td>350€</td>
<td>420€</td>
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<tr>
<td>Non-member</td>
<td>450€</td>
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<tr>
<td>Student Member</td>
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</tr>
<tr>
<td>Student Non - Member</td>
<td>250€</td>
<td>250€</td>
</tr>
</tbody>
</table>

SPONSORSHIPS

The Congress aims to increase our knowledge on traditional medicinal products, the influence of herbal medicinal products in the Pharmacopoeias and the role of natural products in drug discovery, nutrition and applied chemistry. The Congress is open for sponsors who would like to be advertised according to the Sponsorships & Communication programme. Potential exhibitors or sponsors can request the Sponsorship & Communication programme from the Congress Secretariat.

TRAVEL GRANTS

The International Society for Ethnopharmacology (ISE) sponsors 5 “travel grants” covering registration fees and accommodation for PhD students and Postdocs who are in their first post-doc position and intend to make an oral or poster presentation.

Requirements: ISE member 2020

Applicants are invited to send the following documents by email to Anastasia Karioti (akarioti@pharm.auth.gr) and Marco Leonti (mleonti@unica.it):
- Application letter
- Letter of recommendation from the supervisor
- Curriculum Vitae (max 1 page)

Application deadline is 10th January 2020.
ARTION CONFERENCES & EVENTS
Official Congress Organizer – Ethnopharmacology 2020

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