



# ICNPR 2020: A Global Perspective on Natural Products Research

**July 25 to 30, 2020**

**San Francisco, CA, USA**

ICNPR 2020  
Hyatt Regency San Francisco/Embarcadero  
Preliminary Schedule (Subject to Change)  
#ICNPR2020

## **Saturday July 25, 2020**

8:00 AM – 7:30 PM      Registration – *Atrium (at Eclipse Sculpture)*

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9:00 AM – 4:00 PM      Executive Committee Meeting (Invitation Only)  
*Marina Room*

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9:00 AM – 4:00 PM      GA BoD Meeting (Invitation Only)  
*Board Room C*

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## Saturday July 25, 2020

- 9:00 AM – 12:00 PM AMWS1  
*3D Structure Elucidation of Natural Products Using a Combination of Isotropic/Anisotropic NMR Parameters and Computational Methods* with **Roberto R. Gil** and **R. Thomas Williamson**
- 9:00 AM – 12:00 PM AMWS2  
*Young Members Workshop*  
*Part 1: Career Opportunities for NP Chemists beyond Natural Products in the Biotech / Pharmaceutical Industry (panel discussion)*  
*Part 2: CV Preparation and Interview Skills* with **The Young Members Committee**
- 2:00 PM – 5:00 PM PMWS1  
*A Practical Workshop on New Approaches to Improving the Clinical Translation of Early Phase Natural Product Research* with **Barbara C. Sorkin, Mahtab Jafari, Adam J. Kuszak, Michael A. Walters, Mario G. Ferruzzi, John B. MacMillan, Guido F. Pauli**
- 2:00 PM – 4:00 PM PMWS2  
*Using the Small Molecule Accurate Recognition Technology (SMART) Tool* with **William Gerwick, Hyunwoo Kim, Raphael Reher, Chen Zhang and Kelsey Alexander**
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- 5:00 PM – 8:00 PM Exhibitor Set-Up – **Grand Ballroom Foyer/Market Street Foyer**
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- 6:00 PM – 9:00 PM **President's Opening Reception – Lobby Level/Atrium (Ticketed Event)**  
*Supported by the American Society of Pharmacognosy Foundation through a generous donation from the Estate of Gerry and Lynn Brady*

## Sunday July 26, 2020

- 7:00 AM – 5:00 PM Registration – **Grand Ballroom Foyer**
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**Sunday July 26, 2020**

8:00 AM – 8:30 AM Welcoming Remarks and Announcements – **Grand Ballroom**

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**Grand Ballroom**

Plenary I – The Korean Society of Pharmacognosy  
Chairs: Dong-Chan Oh and So-Young Park

8:30 AM – 9:00 AM PL-01  
**Young Ho Kim** (Chungnam National University)  
*Bioactive Components from Araliaceae Family in Korea*

9:00 AM – 9:30 AM PL-02  
**Eun Kyong Seo** (Ewha Womans University)  
*Isolation and Structure Determination of Active Constituents from Korean Traditional Medicines*

9:30 AM – 10:00 AM PL-03  
**Jee Hyung Jung** (Pusan National University)  
*Algal Metabolites-Derived PPAR- $\gamma$  Ligands*

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8:30 AM – 10:00 AM Exhibitor Set-Up – **Grand Ballroom Foyer/Market Street Foyer**

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10:00 AM – 10:30 AM Break – **Grand Ballroom Foyer/Market Street Foyer**

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11:00 AM – 2:00 PM Presenters for Poster Session I - Set up Posters

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**Grand Ballroom**

Plenary II - Phytochemical Society of Europe  
Chair: Franz Bucar

10:30 AM – 11:00 AM PL-04  
**Satyajit D. Sarker** (Liverpool John Moores University, UK)

11:00 AM – 12:00 PM PL-05  
**Emerson Ferreira Queiroz** (University of Geneva, Switzerland)  
PSE-PF Prize Winner  
*Innovative Strategies For Chemo-Diversification Of Natural Products And Generation Of Original Bioactive Compounds*

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## Sunday July 26, 2020

- 12:00 PM – 1:00 PM Lunch on your own
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- 12:00 PM – 1:30 PM Journal of Natural Products Editorial Board Meeting (Invitation Only), **Marina Room**
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- 1:00 PM – 3:00 PM KSP Society Meeting (Seacliff A)
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Symposium I  
**Natural Product Applications in Agriculture**  
Chair: TBD

- 1:00 PM – 3:00 PM **Emily Whitson** (Bayer Crop Science)  
*Natural Products in Ag Biologicals: Opportunities and Challenges*
- Elibio Rech** (EMBRAPA)  
*Soybean Seeds Vacuoles as Biofactory for Recombinant Proteins*
- And **TBD**
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Topical I - **Genomics**  
Chair: TBD

- 1:00 PM – 3:00 PM **Rebecca Goss** (University of St Andrews), **Dong-Chan Oh** (Seoul National University) and **TBD**

Topical II - **Synthesis**  
Chair: TBD

- 1:00 PM – 3:00 PM **Thomas Maimone** (University of California, Berkeley), **TBD**
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- 3:00 PM – 5:00 PM **Poster Session I - Pacific Concourse**  
Chair: TBD  
**(All posters need to be picked up by Monday by 9:00 AM)**
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- 3:00 PM – 5:00 PM Exhibitor Set-Up - **Grand Ballroom Foyer/Market Street Foyer**
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- 5:00 PM Buses Depart for the California Academy of Sciences (Ticketed Event) - **Market Street Foyer**
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## Sunday July 26, 2020

6:30 PM – 10:30 PM      **An Evening at the California Academy of Sciences  
(Ticketed Event)**  
[55 Music Concourse Drive](#)  
[San Francisco, CA 94118](#)  
*(If driving make sure you use this exact address. If you use GPS  
with name only it will take you to the wrong entrance).*

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## Monday July 27, 2020

7:00 AM – 5:00 PM      Registration – **Grand Ballroom Foyer**

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7:30 AM – 3:00 PM      Exhibition – **Grand Ballroom Foyer/Market Street Foyer**

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### **Grand Ballroom**

Symposium II - Koji Nakanishi and Yuzuru Shimizu  
Chair: John Cardellina

Symposium for Koji Nakanishi

8:00 AM – 9:00 AM      **Nina Berova** (Columbia University)  
*Koji Nakanishi: Lifelong Pursuits of Structure, Determination, and  
Bioactivity of Natural Products*

**Ray Cooper**, (*Phytoscience*),

and **Toyonobu Usuki** (Sophia University)

Symposium for Yuzuru Shimizu

9:00 AM – 10:00 AM      **Lucie Maranda** (University of Rhode Island)  
*Dr. Shimizu – A Man and His Passionate Journey on Two  
Continents*

**Rachel Mata** (Universidad Nacional Autónoma de México)  
*Professor Yuzuru Shimizu: His Journey through the Chemistry of  
Toxic Plants and Animals*

**William Fenical** (Scripps Institution of Oceanography)

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10:00 AM – 10:30 AM      Break – **Grand Ballroom Foyer/Market Street Foyer**

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11:00 AM – 3:00 PM      Presenters for Poster Session II Set up Posters  
**Pacific Concourse**

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**Monday July 27, 2020**

***Grand Ballroom***

Plenary IV -The Japanese Society of Pharmacognosy  
Chair: Ikuro Abe

10:30 AM – 11:00 AM	PL-06 <b>Masami Ishibashi</b> (Chiba University) Awardee of the 2018 JSP Award <i>Search for Bioactive Natural Products from Pathogenic Actinomycetes of the Genus Nocardia</i>
11:00 AM – 11:30 AM	PL-07 <b>Kazuki Saito</b> Chiba University) Awardee of the 2014 JSP Award <i>Phytochemical Genomics - from Arabidopsis to Medicinal Plants</i>
11:30 AM – 12:00 PM	PL-08 <b>Ikuro Abe</b> (The University of Tokyo) Awardee of the 2017 JSP Award <i>Engineered Biosynthesis of Medicinal Natural Products</i>
12:00 PM – 1:00 PM	Lunch (on your own)
12:00 PM – 1:30 PM	ASP Fellows Meeting (Invitation only) – <b><i>Golden Gate Room</i></b>

Symposium III

***Medicinal Natural Products: From Bench to Bedside***

Chair: TBD

1:00 PM – 4:00 PM	<b>Ulrike Grienke</b> (University of Vienna) <i>From Vertigo to Serenity – Unravelling Bioactive Multicomponent Mixtures by NMR Based Biochemometrics</i>  <b>Krystyna Skalicka-Woźniak</b> (Medical University of Lublin) <i>Reverse Pharmacology Screening Methods</i>  <b>Catherine Vonthron-Senecheau</b> (University of Strasbourg) and <b>TBD</b>
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**Monday July 27, 2020**

Symposium IV  
***Cutting-Edge Technologies in Natural Products Research***  
Chair: TBD

1:00 PM – 4:00 PM      **Tamir Gonen** (University of California, Los Angeles)  
*MicroED: Conception, Practice and Future Opportunities*  
**Jean-Luc Wolfender** (University of Geneva)

**Leslie Hicks** (University of North Carolina Chapel Hill)  
*Investigating Plant-Derived Antimicrobial Peptides Using PepSAVI-MS*

and **TBD**

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Topical III - ***Microbes***  
Chair: TBD

1:00 PM – 4:00 PM      **Roberto Berlinck** (Universidade de São Paulo)  
**Sang Hee Shim** (Duksung Women's University) and **TBD**

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4:00 PM – 6:00 PM      **Poster Session II – *Pacific Concourse***  
Chair: TBD  
*(All posters need to be picked up by Tuesday  
9:00 AM)*

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6:30 PM – 11:00 PM      **Young Members Event** (Ticketed Event) – ***Grand Ballroom***

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**Tuesday July 28, 2020**

7:30 AM – 4:30 PM      Registration – ***Grand Ballroom Foyer***

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7:30 AM – 4:00 PM      Exhibition – ***Grand Ballroom Foyer/Market Street  
Foyer***

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Tuesday July 28, 2020

**Grand Ballroom**

Plenary V - Society for Medicinal Plant and Natural  
Product Research

Chairs: Judith M. Rollinger and Anna-Rita Bilia

8:00 AM – 8:24 AM	Welcome (Judith Rollinger) Travel Grants Presentation of Awardee - Egon Stahl Award in Bronze Presentation of Awardee - Egon Stahl Award in Gold
8:24 AM – 8:49 AM	PL-09 Egon Stahl Award in Gold Lecture
8:49 AM – 9:05 AM	Presentation of Awardee - Wilmar Schwabe Scholarship Presentation of Awardee - Wilmar Schwabe Award GA Presentation
9:05 AM – 9:25 AM	PL-10 Nikolas Fokialakis (University of Athens, Greece)
9:25 AM – 9:35 AM	Planta Medica Presentation and Announcement of Planta Medica Best Paper Award
9:35 AM – 10:00 AM	PL-11 Oliver Kayser (University of Dortmund, Germany)
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10:00 AM – 10:30 AM	Break – <b>Grand Ballroom Foyer/Market Street Foyer</b>
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11:00 AM – 3:00 PM	Presenters for Poster Session III Set up Posters <b>Pacific Concourse</b>
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**Grand Ballroom**

Plenary VI - Italian Society of Phytochemistry and the Science of Medicinal,  
Food and Fragrant

Chairs: Luisa Pistelli and Nunziatina De Tommasi

10:30 AM – 11:20 AM	PL-12 <b>Orazio Tagliatela Scafati</b> (University of Naples)
11:20 AM – 11:40 AM	PL-13 <b>Angela Bisio</b> (University of Genoa) <i>Antibacterial Secretion Products from Salvia spp.</i>



Tuesday July 28, 2020

**Grand Ballroom**

Plenary VI – Italian Society of Phytochemistry and the Science of Medicinal,  
Food and Fragrant (continued)

Chairs: Luisa Pistelli and Nunziatina De Tommasi

11:40 AM – 12:00 PM

PL-14

**Fabrizio Dal Piaz** (University of Salerno)

*New Tools to Investigate the Mechanism of Action of  
Bioactive Natural Compounds: Not Only Proteomics.*

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12:00 PM – 1:00 PM

Lunch (on your own)

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Symposium V

**Next Generation Natural Product-Derived Drugs**

Chair: TBD

1:00 PM – 4:00 PM

**Alun Bermingham** (Revolution Medicines), **Mande Holford**  
(CUNY Hunter College)

**Bruce Littlefield** (Eisai Inc.)

*Marine Sponge Halichondrins as Inspiration for Human  
Cancer Drugs: Discovery and Development of Eribulin and  
its 2<sup>nd</sup> Generation Progeny*

TBD

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Symposium VI

**Climate Change's Impact on Natural Product Science**

Chair: TBD

1:00 PM – 4:00 PM

**Valerie Paul** (Smithsonian Marine Station)

*Marine Chemical Ecology in a Changing Ocean*

**Josef Brinckmann** (Traditional Medicinals, Inc.)

*Observations of Anthropogenic Disturbances and Climate  
Change Impacts on Botanical Supply Chain Risk  
Management*

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Topical IV – **Plants**

Chair: TBD

1:00 PM – 4:00 PM

**Eva-Maria Pferschy-Wenzig** (University of Graz),  
**Hiroyuki Morita** (University of Toyama) and **TBD**

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## Tuesday July 28, 2020

4:00 PM – 6:00 PM      **Poster Session III – Pacific Concourse**  
Chair: TBD  
*(All posters need to be picked up by Wednesday  
9:00 AM)*

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5:30 PM – 7:30 PM      ASP Business Meeting – *Bayview Room*

## Wednesday July 29, 2020

7:30 AM – 3:00 PM      Registration – *Grand Ballroom Foyer*

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7:30 AM – 11:00 AM      Exhibition – *Grand Ballroom Foyer/Market Street Foyer*

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11:00 AM – 3:00 PM      Exhibition Dismantling

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### **Grand Ballroom**

Plenary VII – The American Society of Pharmacognosy  
Chair: TBD

8:00 AM – 8:30 AM      PL-15  
Matt Suffness Young Investigator's

8:30 AM – 9:10 AM      PL-16  
**John Cardellina**  
2020 Varro Tyler Prize Award Lecture

9:10 AM – 10:00 AM      PL-17  
**Bradley Moore** (University of California at San Diego)  
Norman R. Farnsworth Research Achievement Award Lecture  
*Journeys in Biosynthesis*

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10:00 AM – 10:30 AM      Break – *Grand Ballroom Foyer/Market Street Foyer*

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11:00 AM – 3:00 PM      Presenters for Poster Session IV Set up Posters  
*Pacific Concourse*

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Wednesday July 29, 2020

**Grand Ballroom**

Plenary VIII – Association Francophone pour L'enseignement et la  
Recherche en Pharmacognosie

Chairs: Joelle Quetin-Leclercq and Pascal Richomme

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| 10:30 AM – 10:55 AM | PL-18<br><b>Erwan Poupon</b> (Chimie des Substances Naturelles)<br>Awardee of the Pelletier-Tillequin Award<br><i>Moving from Simple to Complex in Natural Product Chemistry with Bio-Inspired Strategies</i>                    |
| 10:55 AM – 11:20 AM | PL-19<br><b>Marc Litaudon</b> (Institut de Chimie des Substances Naturelles)<br><i>Paradigm Shift in the Search for Bioactive Natural Products: Case Study of Euphorbiaceae Species</i>  |
| 11:20 AM – 11:35 AM | PL-20<br><b>Michel Frédérick</b> (University of Liège, Belgium)<br><i>Achievements in the Field of Antiparasitic Natural and Semisynthetic Products</i>  |
| 11:35 AM – 11:45 AM | PL-21<br><b>Emmanuel Mikros</b> (National and Kapodistrian University of Athens, Greece)<br><i>Acceleration of Active Constituents Search in Plant Extracts Using Statistical Spectroscopy Methods Derived from Metabolomics</i> |
| 11:45 AM – 11:50 AM | PL-22<br><b>Marieke Vansteelandt</b> (University of Toulouse, France)<br><i>Recent Developments in the Fields of Microbial and Endophytic Natural Products</i>   |
| 11:50 AM – 11:55 AM | PL-23<br><b>Séverine Derbré</b> (University of Angers, France)<br><i>NMR Dereplicative Tools Applied to Plants Studies</i>   |
| 11:55 AM – 12:00 PM | PL-24<br><b>Catherine Roullier</b> (University of Nantes, France)<br><i>Dereplicative Studies, Isolation and Structural Determination of Natural Products from Marine Fungi with Pharmacological Potential</i>                   |
| 12:00 PM – 1:00 PM  | Lunch (on your own)  |
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**Wednesday July 29, 2020**

Symposium VII - ***Modernization of Traditional Medicine***

Chair: TBD

1:00 PM – 3:00 PM      **Clara Lau** (The Chinese University of Hong Kong)  
*Discovery of the Potential Value of *Andrographis paniculata* in Esophageal Cancer: From Bench to Bedside*

**De-An Guo** (Shanghai Institute of Materia Medica) and **TBD**

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Topical V - ***Marine***

Chair: TBD

1:00 PM – 3:00 PM      **Brent Copp** (The University of Auckland),  
**Sophie Tomasi** (University of Rennes 1)  
*Microbiota of Marine and Littoral Lichens: Diversity and Production of Active Metabolites*

and **TBD**

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Topical VI - ***Biosynthesis***

Chair: TBD

1:00 PM – 3:00 PM      **Jeroen Dickschat** (University of Bonn), **Alessandra Eustaquio** (University of Illinois at Chicago) and **TBD**

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3:00 PM – 5:00 PM      **Poster Session IV – *Pacific Concourse***  
Chair: TBD  
***(All posters need to be picked up by Thursday 9:00 AM)***

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6:00 PM – 7:00 PM      **Closing Reception – *Grand Ballroom Foyer***

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7:00 PM – 10:00 PM      **Closing Ceremony and Banquet – *Grand Ballroom***  
(Ticketed Event)

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**Thursday July 30, 2020 – Contributed Short Talks**

7:30 AM – 12:00 PM      Registration – *Grand Ballroom Foyer*

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Thursday July 30, 2020

**Grand Ballroom A**  
Contributed Short Talks  
Chair: TBD

8:00 AM - 10:00 PM      **TBD**

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**Grand Ballroom BC**  
Contributed Short Talks  
Chair: TBD

8:00 AM - 10:00 AM      **TBD**

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**Bayview Room**  
Contributed Short Talks  
Chair: TBD

8:00 AM - 10:00 AM      **TBD**

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10:00 AM - 10:30 AM      Break - *Grand Ballroom Foyer/Market Street Foyer*

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**Grand Ballroom A**  
Contributed Short Talks  
Chair: TBD

10:30 AM - 12:00 PM      **TBD**

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**Grand Ballroom BC**  
Contributed Short Talks  
Chair: TBD

10:30 AM - 12:00 PM      **TBD**

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**Bayview Room**  
Contributed Short Talks  
Chair: TBD

10:30 AM - 12:00 PM      **TBD**

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**Thank you for your participation in ICNPR 2020!**  
**We hope to see you next year at the ASP Annual Meeting in**  
**Grand Rapids, Michigan!**

<http://aspmeetings.pharmacognosy.us/>