

18TH WORLD
CONGRESS


Polyphenols
APPLICATIONS

Polyphenols Applications

 OCTOBER 2-3, 2025
MALTA

Agenda

18th World Congress on Polyphenols Applications

October 2-3 | Corinthia Palace Malta

Day 1 – October 2, 2025

8h00 **Welcoming of Attendees – Registration**

8h50 **Introduction of Polyphenols Applications 2025**

Jan Frederik Stevens, President of Polyphenols Applications, Oregon State University, USA

9h00 **Keynote Speech:**

The Beautiful Complexity of Dietary Polyphenols: Our tools for Addressing Challenges across Food, Nutrition and Health Domains

Mario Ferruzzi, College of Agriculture and Life Sciences at Virginia Tech, USA

Session 1: Polyphenols, Microbiota & Metabolites: Advances & Perspectives

9h30 **Chemical Metabolomics – Unique Chemical Biology Tools to Explore Gut Microbiome and Dietary Metabolism**

Daniel Globisch, Uppsala University, Sweden

9h55 **Role of circulating phenolic metabolites crossing the blood-brain barrier from Mediterranean foods against neurodegenerative diseases**

Antonio González-Sarrías, CEBAS-CSIC, Spain

10h20 - Coffee Break, Poster Session & Networking

11h15 **Polyphenols and Gut Bitter Taste Receptors: Modulating GI Hormone Release**

Vittorio Calabrese, University of Catania, Italy

Session 2: Polyphenols in Action: Clinical Applications 2025

11h40 **Polyphenols in Cardiometabolic Health: Insights from Clinical Trials**

Laura Bravo, ICTAN-CSIC, Spain

12h05 **Usefulness of Different Flavonoids in Clinical Practice**

Wojciech Dabrowski, Medical University of Lublin, Poland

12h30 - Lunch Break, Poster Session & Networking

14h00 **Polyphenols Application in Kidney Disease Patients**

Andrzej Jaroszyński, Jan Kochanowski University in Kielce, Poland

14h25 **Polyphenols and Inflammation: Recent Advances and Perspectives**

Claus Schneider, Vanderbilt University, USA

Short Oral Presentations (8 + 2 min) – 4 Slots

15h30 - Coffee Break, Poster Session & Networking

- 16h15 **Polyphenols for management of Attention Deficit Hyperactivity Disorder (ADHD):
Recent advances in clinical research**
Nina Hermans, University of Antwerp, Belgium
- 16h40 TBD
- 15h05 **Short Oral Presentations & Pitch on Polyphenols Innovations (8 + 2 min) – 5 slots**
- 18h00 **End of Polyphenols Applications Day 1**
- 20h00 **Polyphenols Applications 2025 Dinner** *(for ticket holders only)*

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Day 2 – October 3, 2025

8h00 **Welcoming of Attendees – Registration**

9h00 **Keynote Speech:**
The Preventive Power of Plant Polyphenols: Scientific Advances from Fruits and Vegetables
Bhimu Patil, Texas A&M University, USA

Session 3: Reactions of Polyphenols: Recent Progress in Chemical and Enzymatic Conversions

9h30 **Reactions of Polyphenols: Evolutions and Prospects in Research and Applications**
Andreas Schieber, University of Bonn, Germany

9h55 **Polyphenol-Protein Reactions and their Applications in Food Technology**
Julia Keppler, Wageningen University and Research, The Netherlands

10h20 - Coffee Break, Poster Session & Networking

11h00 **Tannins 2025: Advancing Structural Analysis, Chemical Modifications, Bioactivity Profiling and Applications**
Marica Engström, University of Turku, Finland

11h25 **The Chemistry behind Sunflower Greening**
Lilian Senger, Chapman University, USA

11h50 **Short Oral Presentations (8 + 2 min) – 4 Slots**

12h30 - Lunch Break & Poster Session

Session 4: Innovations and Future Perspectives in Polyphenol Research

14h00 **Polyphenol-Rich Foods as a Healthy and Sustainable Strategy for Healthy Aging**
Sonia de Pascual-Teresa, ICTAN-CSIC, Spain

14h25 **Encapsulation of Flavonoids: A Strategy for Enhanced Efficacy**
Glaucia Maria Pastore, Campinas University (UNICAMP), Brazil

14h50 **Short Oral Presentations (8 + 2 min) – 3 slots**

15h30 - Coffee Break, Poster Session & Networking

16h15 TBD

16h40 **Short Oral Presentations & Pitch on Polyphenols Innovations (8 + 2 min) – 3 Slots**

17h10 **Concluding Remarks & Awards 2025**

Jan Frederik Stevens, President of Polyphenols Applications 2025

Andreas Schieber, Vice-President of Polyphenols Applications 2025

Networking Accompanied by Drinks, Coffee and Snacks