

**18**<sup>TH</sup> WORLD  
CONGRESS

  
Polyphenols  
APPLICATIONS

# Polyphenols Applications

 OCTOBER 2-3, 2025  
MALTA

## Agenda

# 18<sup>th</sup> World Congress on Polyphenols Applications

October 2-3 | Corinthia Palace Malta

Day 1 – October 2, 2025

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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

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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