

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-Sarrias**, *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