

17TH

WORLD
CONGRESS



Polyphenols Applications

SEPT. 19-20 2024

MILAN

PROGRAM
2024

17th World Congress on Polyphenols Applications

September 19-20, 2024 – Università degli Studi di Milano Statale, Milan, Italy

Day 1 – September 19, 2024

8h00 **Welcoming of Attendees – Registration**

8h50 **Introduction of Polyphenols Applications 2024**

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

Sabrina Dallavalle, President of the Local Organizing Committee, University of Milan, Italy



9h00 **Why Demonstrating the Health Benefits of Polyphenols isn't Easy: Considerations on Experimental Design to Enhance the Impact of Future Polyphenols Research**

Daniele Del Rio, University of Parma, Italy

Session 1: Polyphenols in Health & Diseases: Mechanistic Insights & Perspectives



9h30 **Polyphenols & Toxicity: All we need to know in 2024**

Doris Marko, University of Vienna, Austria



9h55 **Antiviral Activity of Polyphenols: Latest Developments**

Sascha Venturelli, University of Hohenheim, Germany

10h20 - Coffee Break, Poster Session & Networking



11h00 **Polyphenols and the Enteroendocrine System: Implications for Obesity**

Anna Ardévol, Universitat Rovira i Virgili, Spain



11h25 **Effects of Polyphenols on in Diabetes: A Mechanistic Insight**

Sonia Ramos Rivero, ICTAN-CSIC, Spain



11h50 **Interplay between Phenolic Compounds and Biological Rhythms**

Begoña Mugerza, Universitat Rovira i Virgili, Spain

12h15 **Short Oral Presentations (2 slots)**

12h35 - Lunch Break, Poster Session & Networking

Session 2: Polyphenols, Microbiota & Metabolites: Recent Advances & Translation



14h00 **The Gut Microbiota as a Referee of Polyphenol Effects: Metatypes and Precision Health**
Juan Carlos Espín, Spanish National Research Council, Spain



14h25 **Polyphenols, Satiety, and Gut Health: Bridging the Gut-Brain Connection**
Lianliang Liu, Ningbo University, China



14h50 **2-Ene Reductases of Lactobacilli, an Unexpected Diversity of Enzymes for Conversion of Phenolic Compounds**
Michael Gänzle, University of Alberta, Canada

15h15 **Short Oral Presentations (2 slots)**

15h35 - Coffee Break, Poster Session & Networking

16h20 **Short Oral Presentations & Pitch on Polyphenols Innovations (12 slots)**

18h20 **End of Polyphenols Applications Day 1**

20h00 **Polyphenols Applications 2024 Dinner** *(for ticket holders only)*



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Day 2 – September 20, 2024

8h00 Welcoming of Attendees - Registration

Session 3: Polyphenols & Food Research: Recent Advances



8h30 Novel Development on the Potential Application of Pyranoanthocyanin as Colorants
Monica Giusti, Ohio State University, USA



8h55 Polyphenols and Food Processing: The Critical Points
Jianbo Xiao, Vigo University, Spain



9h20 Polyphenols & Fermented Food: The Optimization
Pasquale Filannino, University of Bari, Italy

9h45 Short Oral Presentations (3 slots)

10h15 - Coffee Break, Poster Session & Networking

Session 4: Polyphenols Applications 2024: Clinical Applications and Future Directions



11h00 Polyphenols in Oncotherapy: Moving forward from the Bench to Clinical Applications
José Estrela, University of Valencia, Spain



11h25 Angiogenesis as a Target of Dietary (Poly)phenols and Derived Metabolites
Juan A. Giménez-Bastida, CEBAS-CSIC, Spain



11h50 Flavonoids & Critically ill Patients: From Experimental Study to Clinical Practice
Wojciech Dabrowski, Medical University of Lublin, Poland

12h15 Short Oral Presentations (2 slots)

12h30 - Lunch Break & Poster Session



13h30 Senolytic Drug and Polyphenol Combinations for Lung Disease
Alessandra Gambero, Pontifical Catholic University of Campinas, Brazil



13h55 Contribution of Polyphenols in the Modulation of Intestinal Permeability: Targeting Mechanisms and Clinical Trials
Cristian Del Bo, Università degli Studi di Milano, Italy



14h20 Xanthohumol in Treating Nephropathy and Autoimmune Kidney Diseases: Clinical Data
Andrzej Jaroszyński, Jan Kochanowski University, Poland



14h45 Cardiose®, A Natural Flavonoid with Potential Health Benefits
Teresa Pellicer, HealthTech Bioactives (HTBA), Spain

15h10 - Coffee Break, Poster Session & Networking



15h40 Food-Derived Extracellular Vesicles as Nanocarriers of Bioactive Compounds: Therapeutic Potential
Alberto Davalos, University of Madrid, Spain



16h05 Resveratrol/Omega-3 Fatty Acids Association: Innovative Nutraceuticals to Counteract Ocular Diseases
Dominique Delmas, University of Bourgogne, France

16h30 Short Oral Presentations & Pitch on Polyphenols Innovations (8 slots)

17h50 Concluding Remarks & Awards

18h00 End of Polyphenols Applications 2024