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# SCIENTIFIC PROGRAM



## STH INTERNATIONAL CONFERENCE ON ADVANCED PHARMACOLOGY & TOXICOLOGY RESEARCH



JUPITER LISBOA HOTEL, LISBON, PORTUGAL  
NOVEMBER 14-15, 2025



**PHARMA-2025**

Nov 14-15, 2025 | Lisbon, Portugal

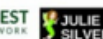
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STH INTERNATIONAL CONFERENCE ON ADVANCED  
PHARMACOLOGY & TOXICOLOGY RESEARCH

## DAY-1 (NOVEMBER 14)

## REGISTRATIONS &amp; OPENING REMARKS (08:00 - 09:00)

## SESSION CHAIR: DR. MARISA FREITAS

## TECHNICAL SESSION-I (09:00-10:55)

|             |                                                                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00-09:40 | <b>The true causes of the cancer diseases</b><br>Dr. Rolf Dittli, HVS - Swiss Homeopathy Association, Switzerland                                                                                                                                                     |
| 09:40-10:05 | <b>Overcoming Challenges in the Development of mRNA Therapeutics</b><br>Dr. Andreas M Papas, East Tennessee State University, Antares Health Products, United States                                                                                                  |
| 10:05-10:30 | <b>Artichoke - source and availability of bioactive compounds. Clinical uses of artichoke leaf extract</b><br>Prof. Andrzej Salata, University of Life Sciences in Lublin, Poland                                                                                     |
| 10:30-10:55 | <b>Antiemetics sparring modality based on Adequacy of Anaesthesia guidance combined with different pre-analgesia techniques for head and neck surgeries - summary from four most recent studies</b><br>Dr. Michal J Stasiowski, Medical University of Silesia, Poland |

## GROUP PHOTO &amp; REFRESHMENT BREAK (10:55-11:10)

## TECHNICAL SESSION-II (11:10-12:50)

|             |                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11:10-11:35 | <b>Parabens and the Modulation of Inflammatory Mediators: Insights from Liver and Immune Cells</b><br>Dr. Marisa Freitas, University of Porto, Portugal                                                                                 |
| 11:35-12:00 | <b>Why CEOs need advanced education and training for optimizing decisions in the development of innovative medicinal products? Justification and recommendation</b><br>Dr. Peter Jurgen Kramer, Technical University Darmstadt, Germany |
| 12:00-12:25 | <b>Challenges and Strategies in the Formulation of Natural Bioactives from Plant Sources</b><br>Dr. Ghania Degobert, Claude Bernard University Lyon 1, France                                                                           |
| 12:25-12:50 | <b>Knowledge, Attitudes, and Perceptions of Chronic Patients in Saudi Arabia Regarding the Use of Artificial Intelligence to Improve Medication Adherence</b><br>Dr. Safaa Mohammed M Alsanosi, Umm Al Qura University, Saudi Arabia    |

## LUNCH @ RESTAURANT (12:50-13:50)

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## TECHNICAL SESSION-III (13:50-17:55)

- |             |                                                                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:50-14:15 | <b>Integrating advanced molecular dynamics simulations and AI to investigate and modulate ABC transporters involved in cancer multidrug resistance</b><br><b>Dr. Ahmad Elbahnsi, University Paris Cité, France</b> |
| 14:15-14:40 | <b>Research progress in analytical methods and devices for some groups of pharmaceutical, food and environmental analytes</b><br><b>Prof. Jan Labuda D.Sc, Comenius University in Bratislava, Slovakia</b>         |
| 14:40-15:05 | <b>The Skin as a Reflection of Our Lifestyle</b><br><b>Dr. Juergen Lademann, Charite Berlin, Germany</b>                                                                                                           |
| 15:05-15:30 | <b>KDM6A/B Mediated Epigenetic Regulation of Constitutive Androgen Receptor Expression in Prostate Cancer</b><br><b>Dr. Gokce Yildirim Buharalioglu, Ege University, Turkey</b>                                    |

## REFRESHMENT BREAK (15:30-15:50)

- |             |                                                                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:50-16:15 | <b>Neurosyphilis: A Rare Cause of Encephalitis in a Young Male</b><br><b>Dr. William Cunningham, NHS Greater Glasgow and Clyde, United Kingdom</b>                                                                                                       |
| 16:15-16:40 | <b>The Dual-active G9a inhibitor and Histamine H3 Receptor Antagonist A-366 Ameliorates Autism-Like Phenotypes, Neuroinflammation and Oxidative Stress in BTBR T+tf/j Mice</b><br><b>Prof. Bassem Shaban Sadek, United Arab Emirates University, UAE</b> |
| 16:40-17:05 | <b>A self-adjuvanted protein nanoparticle that stimulates Ultra-High affinity antibodies</b><br><b>Dr. Ming-Chung Kan, VAXSIA Biomedical Inc., Taiwan</b>                                                                                                |
| 17:05-17:30 | <b>The Therapeutic Role of Seaweeds in Disease Prevention and Health Promotion</b><br><b>Dr. Ana Marta M. Gonçalves, University of Coimbra, Portugal</b>                                                                                                 |
| 17:30-17:55 | <b>Plant and Marine Algae Extracts Against Hypercholesterolemia: Advances in Traditional Knowledge</b><br><b>Prof. Rita Isabel Dias Pacheco, University of Lisbon, Portugal</b>                                                                          |
| 17:55-18:20 | <b>Early Recognition and Management of Cercarial Dermatitis in Public Health</b><br><b>Dr. Maria Teresa Bispo, Global Health and Tropical Medicine (IHMT/UNL), Portugal</b>                                                                              |

## PANNEL DISCUSSIONS

## END OF DAY-01

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DAY-2 (NOVEMBER 15)

|             |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00-09:25 | <b>Twinning and Individuation: An Appraisal of the Current Model and Ethical Implications</b><br>Dr. Francis J. O’Keeffe, The University of Notre Dame Australia, Australia                                                                                                                                                                                                            |
| 09:25-09:50 | <b>Emerging Strategies for Cancer and Fibrosis Therapy that Exploit Fibroblast Activation Protein (FAP) Protease</b><br>Dr. Mark Douglas Gorrell, The University of Sydney, Australia                                                                                                                                                                                                  |
| 09:50-10:15 | <b>The application of cannabidiol brings new hope for treating Alzheimer’s disease and delaying aging</b><br>Prof. Yanying Liu, Qingdao Huanghai University, China                                                                                                                                                                                                                     |
| 10:15-10:40 | <b>Homeopathy in Cancer Palliation: The Role of Nature's Healing</b><br>Dr. Avi Sharma, Nehru Homoeopathic Medical College and Hospital, India                                                                                                                                                                                                                                         |
| 10:40-11:05 | <b>Repositioning of FDA-Approved Pharmaceuticals against Epstein-Barr Virus Nuclear Antigen 1 (EBNA1): A Molecular Docking and Molecular Dynamics Study</b><br>Dr. Fatemeh karimzadeh, Shahrekord University of Medical Science, Iran                                                                                                                                                  |
| 11:05-11:30 | <b>Reviving Nature’s Rhythm: A Homoeopathic Perspective on Infertility through the Law of Similars</b><br>Dr. Kanchan Upreti, Nehru Homoeopathic Medical College and Hospital, India                                                                                                                                                                                                   |
| 11:30-11:55 | <b>Pharmacological and toxicological perspectives in sperm cryobiology: Antioxidant strategies, cryoprotectants, and molecular biomarkers</b><br>Dr. Cumali Kaya, Ondokuz Mayıs University, Turkey                                                                                                                                                                                     |
| 11:55-12:20 | <b>Embracing the Curative Power of Nature: A Holistic Approach to Healing through Homoeopathy and the Doctrine of Signature</b><br>Dr. Harshita Bansal, Nehru Homoeopathic Medical College and Hospital, India                                                                                                                                                                         |
| 12:20-12:45 | <b>In Cardiogenic Shock, Overweight and Obesity Have the Lowest, Whereas Cachexia Has the Highest Mortality</b><br>Dr. Zahra Sadin, Guilan University of Medical Sciences, Iran                                                                                                                                                                                                        |
| 12:45-13:10 | <b>The Law of Similars: Nature’s Own Physician</b><br>Dr. Sneha Kumari, Nehru Homoeopathic Medical College and Hospital, India                                                                                                                                                                                                                                                         |
| 13:10-13:35 | <b>Early postnatal infections, genetic susceptibility, and autism: molecular targets for intervention</b><br>Dr. Manuel F. López-Aranda, University of Málaga, Spain                                                                                                                                                                                                                   |
| 13:35-14:00 | <b>Optimizing the Routine Use of Clinical Guidelines by Addition of Supplements (Probiotics and/or Bismuth) to Helicobacter pylori Eradication Protocols in a Clarithromycin Resistant and Tetracycline/Bismuth Naive Area: A Real-World Data Retrospective Analysis of 402 Cases (2016–24) in a Single Gastroenterology Unit</b><br>Dr. Ibolya Czegle, Semmelweis University, Hungary |

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|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14:00-14:25 | <b>Parent-Focused Psychological Counselling to Improve Sleep in School-Age Children (6-12 years): Evidence-informed Model for Paediatric Sleep</b><br>Dr. Yugal kumar, Nehru Homoeopathic Medical College and Hospital, India |
| 14:25-14:50 | <b>Healing Through Sound: Ancient Wisdom and Scientific Frontiers</b><br>Dr. Elsa Ramos Elías, Ayurvedic Practitioner, Herbalist, Spain                                                                                       |
| 14:50-15:15 | <b>Evolving Pharmacological Strategies in Feline Arterial Thromboembolism: From Antiplatelet Therapy to Novel Anticoagulants</b><br>Dr. Cagatay Esin, Ondokuz Mayıs University, Turkey                                        |
| 15-15:15:40 | <b>A Next-Generation Magnetic Bead-Based Electrochemical Biosensor for Rapid and Ultra-Sensitive Cocaine Detection in Biological Fluids</b><br>Dr. Mohamed Zouari, University of Tunis El Manar, Tunisia                      |
| 15:40-16-05 | <b>Suzetrigine: a Non-Opioid NaV 1.8 Inhibitor for the Treatment of Moderate-to-Severe Acute Pain</b><br>Dr. Scott G. Weiner, Brigham and Women's Hospital, United States                                                     |
| 16:05-16:30 | <b>Implementation of a population health-based goal directed medical therapy program- Cardiac Kidney Metabolic Compass</b><br>Dr. Mallika L Mendu, Mass General Brigham, United States                                        |
| 16:30-16:55 | <b>Design of novel therapeutic vaccines for antigen-specific immunotherapy of autoimmune diseases</b><br>Dr. David Cameron Wraith, University Of Birmingham, United Kingdom                                                   |
| 16:55-17:35 | <b>A Dynamic, Self-Assembling Antiviral Drug for Broad-Spectrum Viral Infections</b><br>Dr. Boris Farber, TRIZ Biopharma Innovations LLC, USA                                                                                 |
| 17:35-18:00 | <b>Strengthening Next Generation Risk Decision-Making</b><br>Dr. Yadvinder Bhuller, Health Canada, Canada                                                                                                                     |
| 18:00-18:25 | <b>Phytochemicals from selected ethno-medicinal plants interact with receptor-binding domains of SARS-CoV-2 spike protein</b><br>Dr. Trizah K. Milugo, The Technical University of Kenya, Gambia                              |
| 18:25-18:50 | <b>Pharmacology of chlorphenamine and pseudoephedrine use in the common cold: A narrative review</b><br>Dr. Rassa Pegahi, UPSA, France                                                                                        |

WE WISH TO SEE YOU AGAIN AT

**Barcelona, Spain**



**NOVEMBER 2026**

**For more details:**

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