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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

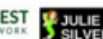
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STH INTERNATIONAL CONFERENCE ON ADVANCED
PHARMACOLOGY & TOXICOLOGY RESEARCH

DAY-1 (NOVEMBER 14)

REGISTRATIONS & OPENING REMARKS (08:00 - 09:00)

SESSION CHAIR: DR. MARISA FREITAS

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

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|-------------|---|
| 09:00-09:40 | The true causes of the cancer diseases
Dr. Rolf Dittli, HVS - Swiss Homeopathy Association, Switzerland |
| 09:40-10:05 | Overcoming Challenges in the Development of mRNA Therapeutics
Dr. Andreas M Papas, East Tennessee State University, Antares Health Products, United States |
| 10:05-10:30 | Artichoke - source and availability of bioactive compounds. Clinical uses of artichoke leaf extract
Prof. Andrzej Salata, University of Life Sciences in Lublin, Poland |
| 10:30-10:55 | 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
Dr. Michal J Stasiowski, Medical University of Silesia, Poland |

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

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

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

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

REFRESHMENT BREAK (15:30-15:50)

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

PANNEL DISCUSSIONS

END OF DAY-01

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DAY-2 (NOVEMBER 15)

09:00-09:25	Twinning and Individuation: An Appraisal of the Current Model and Ethical Implications Dr. Francis J. O'Keeffe, The University of Notre Dame Australia, Australia
09:25-09:50	Emerging Strategies for Cancer and Fibrosis Therapy that Exploit Fibroblast Activation Protein (FAP) Protease Dr. Mark Douglas Gorrell, The University of Sydney, Australia
09:50-10:15	The application of cannabidiol brings new hope for treating Alzheimer's disease and delaying aging Prof. Yanying Liu, Qingdao Huanghai University, China
10:15-10:40	Homeopathy in Cancer Palliation: The Role of Nature's Healing Dr. Avi Sharma, Nehru Homoeopathic Medical College and Hospital, India
10:40-11:05	Repositioning of FDA-Approved Pharmaceuticals against Epstein-Barr Virus Nuclear Antigen 1 (EBNA1): A Molecular Docking and Molecular Dynamics Study Dr. Fatemeh karimzadeh, Shahrekord University of Medical Science, Iran
11:05-11:30	Reviving Nature's Rhythm: A Homoeopathic Perspective on Infertility through the Law of Similars Dr. Kanchan Upreti, Nehru Homoeopathic Medical College and Hospital, India
11:30-11:55	Pharmacological and toxicological perspectives in sperm cryobiology: Antioxidant strategies, cryoprotectants, and molecular biomarkers Dr. Cumali Kaya, Ondokuz Mayıs University, Turkey
11:55-12:20	Embracing the Curative Power of Nature: A Holistic Approach to Healing through Homoeopathy and the Doctrine of Signature Dr. Harshita Bansal, Nehru Homoeopathic Medical College and Hospital, India
12:20-12:45	In Cardiogenic Shock, Overweight and Obesity Have the Lowest, Whereas Cachexia Has the Highest Mortality Dr. Zahra Sadin, Guilan University of Medical Sciences, Iran
12:45-13:10	The Law of Similars: Nature's Own Physician Dr. Sneha Kumari, Nehru Homoeopathic Medical College and Hospital, India
13:10-13:35	Nanocellulose-collagen composites as advanced biomaterials for 3D in-vitro neuronal model systems Dr. Torresan Veronica, University of Padova, Italy
13:35-14:00	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 Dr. Ibolya Czegle, Semmelweis University, Hungary

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

WE WISH TO SEE YOU AGAIN AT

Barcelona, Spain



NOVEMBER 2026

For more details:

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