HPLC2027
INNSBRUCK - AUSTRIA
June 20-24, 2027



CALL FOR ABSTRACTS

We cordially invite scientists, researchers, and professionals from academia and industry to submit abstracts for oral and poster presentations at HPLC 2027 in Innsbruck, Austria.

Authors giving an oral presentation or presenting a poster must register as conference attendees (not booth staff) and attend the symposium. Abstracts will only be included in the scientific program if the presenting author has registered and paid the applicable registration fee by May 20, 2027. Please assign your abstract to one of the following scientific topics.

SUBMIT YOUR RESEARCH

Share your science. Shape the future.Present your latest research to the international separation science community at HPLC 2027 in Innsbruck.

22 JAN 2027
ORAL ABSTRACTS

23 APR 2027
POSTER ABSTRACTS

SCAN
TO SUBMIT YOUR ABSTRACT

SUBMISSION AND REVIEW

Please submit your abstract through the official HPLC 2027 submission platform. No revisions or corrections will be made by the Scientific Committee. After successful submission, authors will receive a reference code; a decision notification will follow the Scientific Committee's review. The Scientific Committee reserves the right to accept or reject submissions and to assign accepted contributions to oral or poster presentations.

SCIENTIFIC AWARDS

- Best Poster Award — poster presentations only
- Best Poster Flash Talk Award — poster presentations only
- Csaba Horváth Young Scientist Award — oral presentations only

Further eligibility and selection criteria will be announced.

IMPORTANT DATES

16 NOV 2026
Abstract submission opens

01 DEC 2026
Registration opens

22 JAN 2027
Oral abstract deadline

23 MAR 2027
Preliminary program

20 APR 2027
Early-bird deadline

23 APR 2027
Poster abstract deadline

20 MAY 2027
Author registration & payment deadline; reduced fees end

07 JUN 2027
Scientific program published

SCIENTIFIC TOPICS

1. Innovations in Liquid-Phase Separations

- Fundamentals, Theory, and Modeling of Separation Science
- Separation Materials & Column Technologies
- Modern Liquid Chromatographic Separation Modes: Reversed-Phase, Ion Exchange, HILIC, Mixed-Mode, Affinity, Size-Exclusion, Hydrophobic Interaction, and Chiral LC
- Enantioselective and Stereoselective Analysis
- Separation Informatics, Data Science, and Computational Tools
- Emerging Analytical Instrumentation and Advanced Mass Spectrometry
- Supercritical Fluid Chromatography and Supercritical-Fluid-Based Separations
- Electrophoretic and Electromigration-Based Separations; Capillary Electrophoresis, and Capillary Electrochromatography
- Preparative, Pilot-Scale, and Continuous Process Chromatography
- Biomolecule, Biotherapeutic, and Advanced-Modality Characterization; Bioseparations for Proteins, Nucleic Acids, Viral Vectors, Vaccines, and Nanobiotherapeutics
- Particle, Extracellular Vesicle, and Cell Separation Technologies
- Automated Sample Preparation, Laboratory Robotics, and Integrated Workflows
- Analytical Method Development, Optimization, and Lifecycle Management
- Microfluidic, Lab-on-a-Chip, and Miniaturized Separation Technologies; Micro- and Nano-Scale Separations
- Artificial Intelligence, Machine Learning, and Digitalization in Analytical Workflows; AI-Enabled Method Development, and Data Management, Digital Twins for Analytical Processes

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2. Hyphenated, Integrated, and Multimodal Analytical Platforms

- LC–MS, UHPLC–MS, SFC–MS, and CE–MS Coupled Workflows
- Multidimensional and Orthogonal Separations; Comprehensive Two-Dimensional Separations; LC×LC, LC–SFC, LC–GC, LC–CE, SFC×SFC
- Ion Mobility–Mass Spectrometry (IM–MS)
- Targeted and Non-Targeted Analysis
- Omics Data Processing, Computational Omics and Bioinformatics
- Elemental Speciation and Metallomics

3. Application Areas and Translational Separation Science

- Food, Feed, Agricultural, and Agrochemical Analysis, Foodomics
- Environmental, Exposure, and Emerging Contaminant Analysis; PFAS, Micro- and Nanoplastics, Transformation Products, and Non-Target Screening
- Pharmaceutical Analysis, Drug Discovery, Pharmacokinetics, Oligonucleotides, and RNA
- Biopharmaceutical Characterization and Advanced Therapeutic Medicinal Product (ATMP) Analysis
- Clinical, Translational, and Precision-Medicine Bioanalysis
- Omics and Multi-Omics; Metabolomics, Lipidomics, Proteomics, Glycomics, and Exposomics
- Forensic, Toxicological, and Anti-Doping Analysis
- Industrial Analytical Science, Process Analytics, and Digital Quality; PAT, QbD, Analytical Lifecycle Management, Automation, and AI-Enabled Quality Systems
- Single-Cell Analysis, Single-Cell Spatial Omics
- Natural Products, Phytochemical, and Botanical Analysis, and Plant Metabolomics
- Sustainable, Green, and Circular Analytical Chemistry; Green Separation Science and Sustainable-by-Design Methods
- Advanced Material and Polymer Characterization