



Announcements

Second Miniaturisation in Liquid Chromatography vs. Capillary Electrophoresis Conference

Ghent, Belgium May 27–28 1997

This meeting, after the successful first event in May, 1995 is to take place at the Pharmaceutical Institute of the Ghent University (Faculty of Pharmaceutical Sciences), in co-operation with the Universities of Antwerp (RUCA), Brussels (VUB), Leuven (KUL), Liège (ULg), and with KaHo St.-Lieven (Dept. KIH0) (Ghent).

Traditional separation techniques for scientific analysis, e.g. HPLC, use considerable amounts of expensive and environmentally damaging organic substances. The safe disposal or recycling of these materials result in increased costs for industry and pose serious environmental hazards in their handling. In recent years a number of new techniques such as narrow-microbore HPLC, capillary electrophoresis, and capillary electrochromatography have been developed. All these techniques involve miniaturisation to a significant degree, thus reducing costs and being much more environmentally friendly. The cited techniques have still not been accepted or routinely used in industrial undertakings, partially because of an absence of suitably trained personnel. This Conference has as its principal objective the transfer of these technologically innovative techniques from universities to production and analytical undertakings.

The aims and scope of the Conference are the transfer of information to the industrial, educational, and research disciplines of an up-to-date report on the analytical feasibilities of miniaturised techniques, including narrowbore and capillary liquid chromatography, high performance thin layer chromatography and electrically driven systems as capillary electrophoresis.

The development and improvement of analytical procedures and instrumentation by leading companies will be a focus of the conference.

Special attention will be drawn to the development and application of sensitive detection techniques (luminescence, electrochemical,...).

Likewise, this meeting envisages to stimulate the development of more ecologically-oriented analytics in the pharmaceutical, biochemical and clinical research areas as well as in the various routine quality control fields through a considerable reduction of waste solvents by down-scaling present chromatographic systems.

The advantages and restrictions of the diverse systems will be highlighted by invited lectures from leading authorities, pointing out the current status and features of down-scaled liquid chromatographic methods compared to the aqueous capillary electrophoretic techniques in particular.

Original research papers can be submitted by registered participants to be presented in general poster session; upon invitation, oral presentation may be suggested.

The meeting will also feature a technical exhibition and an industrial forum.

Extended abstracts of all communications will be published in a special issue of 'Biomedical Chromatography' (Wiley and Sons).

For further information please contact:

Prof. Dr. Willy R.G. Baeyens, Chairman MINI-LC II,
University of Ghent,
Faculty of Pharmaceutical Sciences,
Dept. of Pharmaceutical Analysis,
Lab. of Drug Quality Control,
Harelbekestraat 72 B-9000, Ghent, Belgium.
Tel.: + 32 9 2648097; fax: + 32 9 2648196;
e-mail: willy.baeyens@rug.ac.be

Tenth International Conference on Partitioning in Aqueous Two-Phase Systems, Advances in the Principles and Applications of Separation Science in Biotechnology, Cell Biology and Environmental Recovery

**Reading, UK
August 10–15 1997**

This will be the 10th International Conference on Partitioning of Proteins, Metal Ions and Biological Particles in Aqueous Two-Phase Systems. Theoretical, predictive, applied and engineering aspects of this emerging technology, which has found important applications, will be presented and discussed.

The conference will provide a focus for presentation and debate on developments and major issues in the principles and applications of separation science in biotechnology, cell biology and environmental ion recovery. It is expected that the meeting will be a forum for interdisciplinary debate with active participation of academics and industrial colleagues.

Abstracts of papers and posters for presentation at the conference are invited. Original contributions on any aspect of the following themes will be welcome:

- Physicochemical properties of proteins important in bioseparations; interactions between liquid phase components and proteins
- Modelling partitioning; thermodynamics
- Prediction of partitioning of macromolecules and metal ions
- Applications of partitioning; separation of enzymes and recombinant proteins
- Applications; metal ion extraction and environmental applications
- Studies of phase separation and development of new polymers
- Biomedical applications; partitioning of cells, organelles and plasma membranes
- Novel and complementary techniques

Authors intending to submit papers should send a title and 200–300 word abstract to the SCI Conference Secretariat to arrive no later than Friday, 1 February 1997.

For further details contact:

SCI, Society of Chemical Industry,
14/15 Belgrave Square,
London SW1X 8PS.

Tel.: +44 171 2353681; fax: +44 171 2357743;

e-mail: conferences@chemind.demon.co.uk