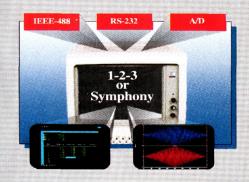
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MEETINGS

Poster Sessions 10.45-12.15

Clinical Analysis I **HPLC** of Biopolymers I Analysis of Drugs I

Poster Sessions 1:15-2:45

Clinical Analysis II **HPLC** of Biopolymers II **Analysis of Drugs II**

3:00-5:00 **Lecture Session 20**

Trace Analysis

Measurement of DNA Adducts by MS. R. W. Giese and P. Vouros, Northeastern U

Amino Acids, Peptides, and Proteins: Practical Pursuits at Picomole Levels. D. Strydom. Brigham and Women's Hospital

Amino Acid Analysis of Proteins at the Femtomole Level. M. D. Oates and J. J. Jorgenson, U of North Carolina, Chapel Hill

Electrochemical Detection of Peptides and Their Cyanobenz fisoindole Derivatives. M. A. Nussbaum, Ripon College; C. M. Riley and S. M. Lunte, U of Kansas

Trace Enrichment by Displacement Chromatography. R. S. Ramsey and G. Guiochon, ORNL; A. M. Katti, U of Tennessee

Lecture Session 21 3:00-5:00

HPLC of Biopolymers II

HPLC Thiophilic Adsorbents for Purification of Antibodies and their Application in Immunoaffinity Chromatography. M. Wilchek, B. Nopper, E. A. Bayer, and F. Kohen, Weizmann Institute of Science, Israel

Functional Flexibility and Protein Chromatography. S. Shaltiel, Weizmann Institute of Science, Israel

Adsorption Behavior of Human Growth Hormone (hGH) and N-Methlonine hGH in Reversed-Phase Chromatography. P. Oroszlan and B. L. Karger, Northeastern U; G. Teshima, S-L. Wu, and W. S. Hancock, Genentech

Visualization of Proteins on Surfaces of Macroporous Chromatographic Resins. E. Firouztale, C. Beaty, and G. M. Von Blohn, Rohm and Haas: J. Burton, Lehigh U

Chromatographic Determination of the Relative Free Energies of Amino Acid Sidechain-Sidechain Interactions Using an Aqueous Mobile Phase and Their Applicability to the Protein Unfolding Problem. T. C. Pochapsky and Q. Gopen, Brandeis U

Lecture Session 22

3:00-5:00

Novel Applications of HPLC

HPLC of Catechol-Related Compounds in a Clinical Diagnostic Laboratory and in Therapeutic Monitoring. C. Lucarelli, Istituto Superiore di Sanità, Italy

Trace Analysis of Aliphatic Amines in the Environment Using Derivatization-Sorption Techniques. J. Churácek, H. Pechová, K. Ventura, and P. Jandera, U of Chemical Technology. Czechoslovakia

Reversed-Phase HPLC of Erythromycin Using

Chemiluminescence and UV-vis Detection. N. D. Danielson, L. He, and L. Trelli, Miami U;

D. K. Morgan, Abbott Laboratories **HPLC Method Development for Pharmacokinetic** and Metabolic Studies of GYKI-14766 Using Pre- or Postcolumn Derivatization, G. Szepesi and I. Valkó, Institute for Drug Research,

Hungary On-Line HPLC-NMR Coupling. K. Albert and E. Bayer, U of Tübingen, F.R.G.

Multiple Peak Formation and Interconversion in the Reversed-Phase LC of Triostin A and Its Analogues. T. V. Alfredson and A. H. Maki, U of California, Davis: M. E. Adaskaveg and J. L. Excoffier, Varian Associates; M. J. Waring, Cambridge U. U.K.

Discussion Session

5:15-6:00

HPLC of Biopolymers

Friday

Lecture Session 23

Rapid HPLC of Biological Macromolecules: Means and Applications. C. Horváth, K. Kalghatgi, J. Horváth, and F. Antia, Yale U

Applications of HPCE in the Biological Sciences. B. L. Karger, A. S. Cohen, D. N. Heiger, R. S. Rush, J. Y. Chen, and D. Najarian, Northeastern U

Lecture Session 24

10:30-12:00

Combinations of Chromatography and Electrophoresis with MS. R. D. Smith, H. R. Udseth, C. G. Edmonds, C. J. Barinaga, and J. A. Loo, Pacific Northwest Laboratories

Role of Temperature in High-Speed HPLC. F. Erni, Sandoz, Switzerland



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