

The 7th Conference of the Israel Analytical Chemistry Society

January 20, 2004 Kfar Maccabiah Convention Center, Ramat Gan



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1. HIGH TEMPERATURE GEL PERMEATION CHROMATOGRAPHY (GPC) FOR THE DETERMINATION OF MOLECULAR WEIGHT AND MOLECULAR WEIGHT DISTRIBUTION OF DIFFERENT ELASTOMERIC POLYMERS.

Victoria Volkis, Anatolii Lisovskii and Moris S. Eisen. Department of Chemistry and Institute of Catalysis Science and Technology, Technion - Israel Institute of Technology, Haifa 32000, Israel*

2. QUALITY AND STABILITY EVALUATION OF DISPOSABLE MEDICAL EQUIPMENT

Ilana Schumacher, Evgeny Tsiperman, Alexander Tarnopolsky, Arthur Raskin, Guy Patchornic and Avi Domb. I.D.F. Medical Corps, Military P.O.Box 02149, Israel.

3. SPECIATED ISOTOPE DILUTION MASS SPECTROMETRY USING A NEW COMMERCIAL INTERFACE FOR THE COUPLING OF GC WITH ICP/MS

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4. PERFORMANCE OF A MULTIELEMENT CCD ICP ATOMIC EMISSION SPECTROMETER FOR ANALYSIS OF AQUEOUS AND SOLID WASTES CRM AND PROFICIENCY TESTING RESULTS

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Shmuel Shemueli*, Department of Environment, Israel Electric Corporation, Haifa*

6. HERBICIDAL AND FUNGICIDAL ACTIVITY OF ARYL SUBSTITUTED GLYCOSIDES

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7. THE ACCELERATING PACE OF X-RAY POWDER DIFFRACTOMETRY

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8. FLUORESCENCE MONITORING OF ULTRASOUND DEGRADATION PROCESSES

Salah Hassoon, Valery Bulatov, Yakov Yasman and Israel Schechter Department of Chemistry and Grand Water Research Institute, Technion – Israel Institute of Technology Haifa 32000, Israel*

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Valery Bulatov, Michal Fisher and Israel Schechter Department of Chemistry, Technion-Israel Institute of Technology, Haifa 32000, Israel

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12. HIGH-THROUGHPUT SEPARATION AND PURIFICATION OF SYNTHETIC AND NATURAL PRODUCTS WITH OPTIMUM PERFORMANCE LAMINAR CHROMATOGRAPHY™

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Fax +33 1 40838201, info@bionisis.com 2. *OPLC-NIT Ltd., Andor u. 60., H-1119 Budapest, Hungary*

13. PLANT DRUG ANALYSIS BY OPTIMUM PERFORMANCE LAMINAR CHROMATOGRAPHY™

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14. CONTRIBUTION OF MULTIOPLC-MS TO THE HIGH-THROUGHPUT PURIFICATION OF COMPLEX SAMPLES (8 CHANNELS IN PARALLEL)

Michel Manach, Nathan Bryson, William Amoyal. Bionisis SA, 18-20 Avenue Edouard Herriot, 92350 Le Plessis-Robinson, France

15. SHELF LIFE DETERMINATION OF FOOD AND BEAUTY CARE PRODUCTS BY FOX ELECTRONIC NOSE

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17. COMPARISON OF SPME/SPDE AND DIRECT INJECTION FOR LIQUORS CONTAMINATION DETECTION WITH ELECTRONIC NOSE

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**Teva Pharmaceuticals, LTD, Jerusalem*

20. DETERMINATION OF SULFATE AND SULFAMATE DEGRADATION IMPURITIES IN THE SPRINKLE CAPSULES AND TABLETS OF DRUG PRODUCTS BY CAPILLARY ELECTROPHORESIS

*Marina Gubman, Yosef Avezov, Bianca Avramovitch
Teva Pharmaceuticals Industries, LTD*

21. ANALYSIS OF PHOSPHONIC AND PHOSPHORIC ACIDS BY LC – MS – MS

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22. TRACE ELEMENTS IN MILK: AN ICPMS STUDY OF THE CORRELATION BETWEEN THE CONTENT IN HUMAN BREAST MILK, INFANT MILK FORMULAS AND DRINKING WATER

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23. IT'S NOT "ANOTHER REVERSE PHASE COLUMN"!

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