

Magnus Palmlad: Selected Publications

Protein Identification by Liquid Chromatography/Mass Spectrometry using Retention Time Prediction
Palmlad M, Ramström R, Bailey CG, Young NL, McCutchen-Malone SL, Bergquist J and Zeller LC, *J. Chrom. B.* accepted for publication (2003)

α -Particle Energy Loss Measurement of Microgram Depositions of Biomolecules Grant P G, **Palmlad M**, Murov S, Hillebrands DJ, Ueda DL, Vogel JS and Bench G, *Anal. Chem.* 75, 4519-4524 (2003)

Identification and Characterization of Peptides and Proteins Using Fourier Transform Ion Cyclotron Resonance Mass Spectrometry **Palmlad M** and Bergquist J, In Emerging Technologies in Protein and Genomic Material Analysis, Marko-Varga G and Oroszlan (Eds.), *J. Chrom. Lib.* 67, Elsevier Science B.V. (2003)

Electro Donor-Acceptor Dyads Based on Ruthenium(II) Bipyridine and Terpyridine Complexes Bound to Napthalene Diimide Johansson O, Borgström M, Lomoth R, **Palmlad M**, Bergquist J, Hammarström L, Sun L and Åkermark B, *Inorg. Chem.* 42, 2908-2918 (2003)

Protein identification in cerebrospinal fluid using packed capillary liquid chromatography Fourier transform ion cyclotron resonance mass spectrometry Ramström M, **Palmlad M**, Markides KE, Håkansson P and Bergquist J, *Proteomics* 3, 184-190 (2003)

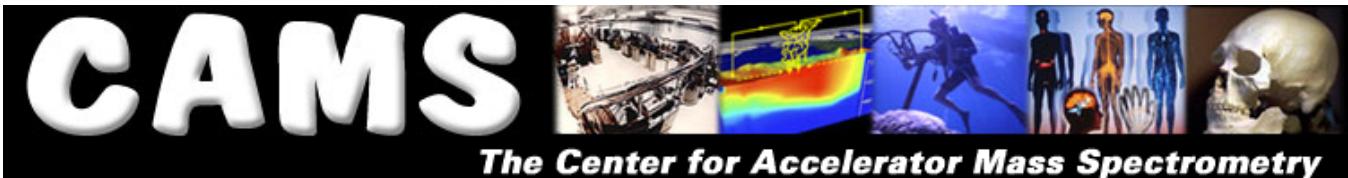
Investigation of Lignin Oligomer Using Electrospray Ionisation Mass Spectrometry Önnerud H, **Palmlad M** and Gellerstedt G, *Holzforsch.* 57, 37-43 (2003)

Prediction of Chromatographic Retention and Protein Identification in Liquid Chromatography/Mass Spectrometry **Palmlad M**, Ramström M, Markides K, Håkansson P and Bergquist J, *Anal. Chem.* 74, 5826-5830 (2002)

Peptide mapping of proteins in human body fluids using electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry Bergquist J, **Palmlad M**, Wetterhall M, Håkansson P and Markides KE, *Mass Spectrom. Rev.* 21, 2-15 (2002)

Rapid Analysis of Tryptically Digested Cerebrospinal Fluid Using Capillary Electrophoresis-Electrospray Ionization-Fourier Transform Ion Cyclotron Resonance-Mass Spectrometry Wetterhall M, **Palmlad M**, Håkansson P, Markides KE and Bergquist J, *J. Prot. Res.* 1, 361-366 (2002)

Liquid chromatography and electron-capture dissociation in Fourier transform ion cyclotron resonance mass spectrometry **Palmlad M**, Tsybin YO, Ramström M, Bergquist J and Håkansson P, *Rapid Commun. Mass Spectrom.* 16, 988-992 (2002)



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Identification and Characterization of Peptides and Proteins Using Fourier Transform Ion Cyclotron Resonance Mass Spectrometry **Palmlblad M**, Doctoral Dissertation, *Comprehensive Summaries of Uppsala Dissertations from the Faculty of Science and Technology* 706, ISSN 1104-232X, ISBN 91-554-5296-5 (2002)

Oxidation of Methionine 35 Attenuates Formation of Amyloid β -Peptide 1-40 Oligomers **Palmlblad M**, Westlind-Danielsson A and Bergquist J, *J. Biol. Chem.* 277, 19506-19510 (2002)

Micro-Liquid Chromatography Fourier Transform Ion Cyclotron Resonance Mass Spectrometry - A Useful Tool for Peptide Identification Ramström M, **Palmlblad M**, Amirkhani A, Tsybin YO, Markides KE, Håkansson P and Bergquist J, *Acta Biochim. Pol.* 48, 1101-1104 (2002)

Automatic Analysis of Hydrogen/Deuterium Exchange Mass Spectra of Peptides and Proteins Using Calculations of Isotopic Distributions

Palmlblad M, Buijs J and Håkansson P, *J. Am. Soc. Mass. Spectrom.* 12, 1153-1162 (2001)

Analysis of enzymatically digested proteins and protein mixtures using a 9.4 Tesla Fourier transform ion cyclotron mass spectrometer **Palmlblad M**, Wetterhall M, Markides KE, Håkansson P and Bergquist J, *Rapid Commun. Mass Spectrom.* 14, 1029-1034 (2000)

A 9.4 T Fourier Transform Ion Cyclotron Resonance Mass Spectrometer - Description and Performance **Palmlblad M**, Håkansson K, Håkansson P, Feng X, Cooper HJ, Giannakopoulos AE, Green PS and Derrick PJ, *Eur. J. Mass Spectrom.* 6, 267-275 (2000)

Mechanistic Studies of Multipole Storage Assisted Dissociation

Håkansson K, Axelsson J, **Palmlblad M** and Håkansson P, *J. Am. Soc. Mass. Spectrom.* 11, 210-217 (2000)

Letter to the Editor regarding mechanical shutter for electrospray source Axelsson J, Håkansson K, **Palmlblad M** and Håkansson P, *Rapid Commun. Mass Spectrom.* 13, 1550 (1999)

Analysis of the Native Lignin Structure Using FT-ICR-MS Önnerud H, **Palmlblad M**, Eriksson T and Gellerstedt G, *10th International Symposium on Wood and Pulping Chemistry*, 11, I-166-I-171 (1999)

Electron Capture Dissociation of Substance P Using a Commercially Available Fourier Transform Ion Cyclotron Resonance Mass Spectrometer Axelsson J, **Palmlblad M**, Håkansson K and Håkansson P, *Rapid Commun. Mass Spectrom.* 13, 474-477 (1999)