

List of publications

Books / Book chapter

- C. Neusüß, M. Pelzing (2009) Capillary zone electrophoresis-mass spectrometry for the characterization of isoforms of intact glycoproteins, in *Mass Spectrometry of Proteins and Peptides (Methods in Molecular Biology Vol 146)*, ed. M. Lipton and L. Paša-Tolić, *Humana Press*, 201-214.
- C. Neusüß, M. Pelzing (2007) Capillary Electrophoresis-Mass Spectrometry for the analysis of peptides and proteins. in „Spectroscopic Methods in Proteomics“ ed. D. Sem, *CRC Press*, 47-66.
- C. Neusüß, M. Pelzing (2006) Electromigration techniques coupled to MS in the analysis of peptides and proteins – Unique utility, typical applications and perspectives. in „Encyclopedia of Mass Spectrometry Vol. 8“ ed. W. Niessen, *Elsevier Science*, 948-956.
- H. Herrmann, P. Barzaghi, O. Böge, E. Brüggemann, B. Ervens, A. Donati, J. Hesper, T. Gnauk, Y. Inuma, K. Müller, C. Neusüß, A. Plewka (2002) Tropospheric Multiphase Chemistry in Field, Modelling and Laboratory Studies. In “Global Atmospheric Change and its Impact on Regional Air Quality (Nato Science Series IV: Earth and Environmental Sciences)” ed. I. Barnes, Springer
- C. Neusüß (2000) Größenaufgelöste Zusammensetzung atmosphärischer Aerosolpartikel. VWF Verlag für Wissenschaft und Forschung, Berlin, ISBN 3-89700-288-4.

Peer-reviewed publications

Reviews

- W. Kolch, C. Neusüß, M. Pelzing, H. Mischak (2005) Capillary electrophoresis – mass spectrometry as a powerful tool in clinical diagnosis and biomarker discovery, *Mass Spectrometry Reviews* 24, 959-977.
- J. Ohnesorge, C. Neusüß, H. Wätzig (2005) Quantitation in capillary electrophoresis – mass spectrometry, *Electrophoresis*, 26, 3973-3987.
- J. Hernández-Borges, C. Neusüß, A. Cifuentes, M. Pelzing (2004) On-line Capillary Electrophoresis-Mass Spectrometry for the analysis of biomolecules, *Electrophoresis*, 25, 2257-2281.

2010

- P. Domann, S. Akashi, C. Barbas, L. Huang, W. Lau, C. Legido-Quigley, S. McClean, C. Neusüß, D. Perrett, M. Quaglia, E. Rapp, L. Smallshaw, N. Smith, W. F. Smyth, C. F Taylor (2010) Guidelines for reporting the use of capillary electrophoresis in proteomics, *Nature Biotechnology*, 2010, 28 (7), 654-655
- S.-C. Bunz, W. Weinmann, C. Neusüß (2010) The selective determination of sulfates, sulfonates and phosphates in urine by CE-MS. *Electrophoresis*, 2010, 31, 1274-1281.
- S. Ongay, C. Neusüß Isoform Differentiation of Intact AGP from human Serum by Capillary Electrophoresis-Mass Spectrometry, *Anal. Bioanal. Chem.* 2010, 398, 845-855.
- S. Ongay, C. Neusüß, S. Vaas, J. C. Díez-Masa, M. de Frutos. Evaluation of the effect of the immunopurification-based procedures on the CZE-UV and CZE-ESI-TOF-MS determination of isoforms of intact α -1-acid glycoprotein from human serum, *Electrophoresis*, 2010 31, 11, 1796-1804.

- S. Ongay, P. J. Martín-Álvarez, C. Neusüß, M. de Frutos (2010) Statistical evaluation of CZE-UV and CZE-ESI-MS data of intact α -1-acid glycoprotein isoforms for their use as potential biomarkers in bladder cancer. *Electrophoresis*, 2010, 31, 19, 3314-3325.
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