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**Universitätsklinikum Münster**

**Westfälische Wilhelms-Universität Münster**

## Zeitschriftenartikel, Buchbeiträge und Bücher

Fachge-  
biet(e)\*

- Bahrke, S., J. M. Einarsson, J. Gislason, S. Haebel, M. C. Letzel, J. Peter-Katalinić, M.G. Peter LM, BC  
Sequence Analysis of Chitooligosaccharides by Matrix-Assisted Laser Desorption Ionization Postsource Decay Mass Spectrometry.  
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- Berkenkamp, S., Ch. Menzel, F. Hillenkamp, K. Dreisewerd LM  
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## Vorträge (V) und Poster (P) mit Abstracts

- Bahrke, S., J.M. Einarsson, J. Gisslasson, S. Haebel, M.C. Letzel, J. Peter-Katalinić, M.G. Peter LM, BC  
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 2. Dezember 2002, Bochum
- Pohlentz, G. ESI, BC  
 Mass spectrometry in glycoscience.  
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 Carbohydrates),  
 June 23-27, 2002, Wagenigen, Niederlande



Zamfir, A. and J. Peter-Katalinić  
Capillary Electrophoresis/Electrospray Ionization Mass Spectrometry  
a Powerful Tool in Biomedical Research.  
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## Andere Aktivitäten:

Fischer, U., U. Kubitscheck und A. Naber

-Frühjahrsschule für „Einzelmoleküle in Physik, Chemie und Biologie“, im Rahmen des korrespondierenden Schwerpunktprogramms der Volkswagenstiftung, 8.4.-12.4.2002, Evangelische Akademie Hofgeismar.

Müthing, J.

-Croatian Medical Journal, Advisory Board.

Müthing, J.

-Neurologia Croatica, Editorial Board.

Peter-Katalinić, J.

-1<sup>st</sup> Mass Spectrometry Life Science Prize der Deutschen Gesellschaft für Massenspektrometrie (DGMS), 5. März 2002, Heidelberg.

Peter-Katalinić, J.

-Mitglied des Vorstandes der Deutschen Gesellschaft für Massenspektrometrie (DGMS).

Peter-Katalinić, J.

-Wahl zur Chairperson der Sektion „Proteomics II“ bei der 50<sup>th</sup> ASMS Conference on Mass Spectrometry and Allied Topics, Orlando, Florida, USA, June 2-6, 2002.

Peter-Katalinić, J. und AK:

-Ausrichtung des 13<sup>th</sup> Joint Meeting of the „Studiengruppe Glykobiologie der Gesellschaft für Biochemie und Molekularbiologie“, the „Nederlandse Vereininging voor Glycobiologie“, and the „Groupe Lillois de Glycobiologie“, Münster/Schloß Raesfeld, November 21-23, 2002. Organisationskommitteemitglieder: J. Peter-Katalinić (Vorsitz), L. Lehle, I. Meisen, J. Müthing, G. Pohlentz.

Peter-Katalinić J. und J. Müthing

-Symposium "Neue Trends in der Bioanalytik - Schwerpunkt Flüssigchromatographie" mit der Firma Dionex GmbH, Idstein, am 15. Oktober 2002 im IMPB, Universität Münster.

Reichelt, R.

-Mitglied im International Scientific Advisory Committee of the 15<sup>th</sup> International Congress on Electron Microscopy, Durban, 01. – 06.09.2002.

Reichelt, R.

-Mitglied im Organizing Committee of the Microscopy Conference 2003 in Dresden.

Reichelt, R.

-Vorsitzender der Deutschen Gesellschaft für Elektronenmikroskopie e.V. (DGE).

Šagi, D.

-35. DGMS Tagung in Heidelberg 3.-6.März 2002: DGMS-Preis für das beste Poster.

Schmidt, P.F.

-Mitglied im Organisationskomitee der 34. EDO Herbsttagung des EDO-Arbeitskreises der Deutschen Gesellschaft für Elektronenmikroskopie., 09.-11.09. 2002, Bergische Universität Wuppertal.

Drittmittelprojekte, Personalstellen und Sachmittel 2002:

BMBF-Projekt 0311419 (F. Hillenkamp)

Infrarot MALDI-MS für Genom und Proteom - Verbundprojekt Genwaage.

DFG-Projekt KU 1507/1-1 (U. Kubitscheck und R. Peters), ab 2002.

Kooperationsprojekt BD 133503 (J. Müthing und J. Peter-Katalinić)

Charakterisierung von rViscumin-Rezeptoren.

VISCUM AG, Bergisch-Gladbach.

DFG-Projekt Pe 415/15-1, 15-2 (J. Peter-Katalinić)

Identifizierung, Strukturaufklärung und biologische Aktivitäten des Androgenen Hormons der dekapoden Krebse.

SFB 492, Z2 (J. Peter-Katalinić)

Quadrupol Flugzeit und Fourier Transform Ionen Zyklotron Resonanz Massenspektrometrie von Glykosaminoglykanen und anderen Glykokonjugaten.

IMF (J. Peter-Katalinić)

O-Fukosylierung in Thrombospondin.

IZKF, 3H1 (J. Peter-Katalinić)

Genexpressions- und Funktionsanalysen zu Pathogenewesen des invasiven Mammakarzinoms und seiner potentiellen Vorläuferläsionen.

DFG-Projekt PE 138/17-2 (R. Peters), ab 2002.

NATO-Fellowship - Stipendium (Doktorandenstelle)  
Fördernde Institution: NATO (R. Reichelt).

Deutsche Montan Technologie GmbH (DMT)-Projekt (R. Reichelt)  
"Elektronenmikroskopische und mikroanalytische  
Charakterisierung von Stäuben im Bergbau".

DFG RE 782/6-1 (R. Reichelt)  
"15th Intern. Congr. on Electron Microscopy", Durban, Südafrika.

DFG-Projekt NE 123/34-3 (E. Nembach, Inst. für Materialphysik, WWU und R. Reichelt)  
"Anwendungen des Rasterkraftmikroskops in der Materialphysik".

Diverse Projekte mit kleinen und mittleren Firmen / Industrie (R. Reichelt).

## Abkürzungsverzeichnis

AFM	Atomkraftmikroskopie
AL	Elektronenmikroskopische Untersuchungen zur Allergologie
BC	Biochemie
BP	Biophysik
BT	Biotechnologie
EM	Elektronenmikroskopie
ESI	Elektrospray Massenspektrometrie
FT-ICR	Fourier Transform Ionen Cyclotron Resonance
HG	Humangenetik
KL	Klinisch-medizinische Laseran- wendungen und Strahlenschutz
KM	Klinisch-medizinische Fragestellung
LM	Laser-Massenspektrometrie
LSM	Laser-Scanning-Mikroskopie
MA	Elektronenstrahl-Mikrosonden- analytik
NBT	Nanobiotechnologie
SSM	Scanning-Sensormikroskopie
ZB	Zellbiologie