

Publikationsliste Christian Huck

Publikationen

- 1 **C.W. Huck**
Isolierung, Analytik und Strukturaufklärung neuer Wirkkomponenten in *Primula veris*
Dissertation, Universität Innsbruck, 1998
- 2 **C.W. Huck**, C.G. Huber, I.M. Lagoja, K.-H. Ongania, H. Scherz, G.K. Bonn, M. Popp
Isolation and Structural Elucidation of 3',4',5'-Trimethoxyflavone from the Flowers of *Primula veris*
Planta Med., 65 (1999) 491
- 3 **C.W. Huck**, R. Maurer, M. Popp, N. Basener, G.K. Bonn
Quantitative Fourier Transform Near Infrared Reflectance Spectroscopy (NIRS) compared to High Performance Liquid Chromatography (HPLC) of a Flavone in *Flos Primulae veris* Extractives
Pharm. Pharmacol. Lett., 9 (1999) 1: 26-29
- 4 F.F. Moebius, K.E.M. Soellner, B. Fiechtner, **C.W. Huck**, G. Bonn, H. Glossmann
Histidine⁷⁷, Glutamic Acid⁸¹, Glutamic Acid¹²³, Threonine¹²⁶, Asparagine¹⁹⁴, and Tryptophan¹⁹⁷ of the Human Emopamil Binding Protein Are Required for in Vivo Sterol Δ^8 - Δ^7 Isomerization
Biochemistry, 38 (1999) 1119-1127
- 5 **C.W. Huck**
Online Qualitätskontrolle flüssiger Pflanzenextrakte in der Phytopharmakaproduktion mittels Nah-Infrarot-Spektroskopie
Deutsche Gesellschaft für Qualitätsforschung,
XXXIV. Vortragstagung, Freising-Weihenstephan, 1999, p. 55-65
- 6 **C.W. Huck**, R. Maurer, G.K. Bonn, N. Basener
Quality control of liquid plant extracts in the phytopharmaceutical industry
Near Infrared Spectrosc., 9 (1999) 487-491
- 7 **C.W. Huck**, C.G. Huber, K.-H. Ongania, G.K. Bonn
Isolation and Characterization of Methoxylated Flavones in the Flowers of *Primula veris* by Liquid Chromatography and Mass Spectrometry
J. Chromatogr. A, 870 (2000) 453-462
- 8 **C.W. Huck**, G.K. Bonn
Review: Polymer based sorbents for solid-phase extraction
J. Chromatogr. A, 885 (2000) 51-72
- 9 **C.W. Huck**, M. Popp, H. Scherz, G.K. Bonn
Development and Evaluation of a New Method for the Determination of the Carotenoid Content in Selected Vegetables by HPLC and HPLC-MS/MS
J. Chromatogr. Sci., 38 (2000) 441-449

- 10 **C.W. Huck**, M. Popp, H. Scherz, G.K. Bonn
Neue HPLC und HPLC-MS Methode zur Bestimmung des Carotinoidgehaltes in ausgewählten Gemüse- und Obstarten
 Deutsche Gesellschaft für Qualitätsforschung,
 XXXV. Vortragstagung, Karlsruhe, 2000, p. 187-192
- 11 G. Stecher, **C.W. Huck**, M. Popp, G.K. Bonn
Vergleich und Bewertung verschiedener Detektionsmethoden für die HPLC-Bestimmung von Stilbenen und Flavonoiden in Rotwein
 Deutsche Gesellschaft für Qualitätsforschung,
 XXXV. Vortragstagung, Karlsruhe, 2000, p. 181-186
- 12 W. Stöggel, **C.W. Huck**, M. Popp, H. Scherz, G.K. Bonn
Neue HPLC und HPLC/MS Methoden zur Bestimmung von Tocopherolen in Pflanzen und Phytopharmaka
 Deutsche Gesellschaft für Qualitätsforschung,
 XXXV. Vortragstagung, Karlsruhe, 2000, p. 169-174
- 13 W. Guggenbichler, G. Stecher, **C.W. Huck**, N. Basener, G.K. Bonn
Quantitative-Nah-Infrarot-Transflexions-Spektroskopie (NIRS) Untersuchungen am Rotwein
 Deutsche Gesellschaft für Qualitätsforschung,
 XXXV. Vortragstagung, Karlsruhe, 2000, p. 175-180
- 14 **C.W. Huck**, G.K. Bonn
Evaluation of Detection Methods for the RP-HPLC Determination of 3',4',5'-Trimethoxyflavone in Different Phytopharmaceutical Products and Human Serum
 Phytochem. Anal., 12 (2001) 104-109
- 15 W.M. Stöggel, **C.W. Huck***, H. Scherz, G.K. Bonn
Analysis of Vitamin E in Food and Phytopharmaceutical Preparations by HPLC and HPLC-APCI-MS/MS
 Chromatographia, 54 (2001) 179-185
- 16 **C.W. Huck**, G.K. Bonn
A Review of Capillary-Electrochromatographic Methods for the Separation of p-Nitrophenyl- and 1-Phenyl-3-Methyl-5-Pyrazolone Derivatized Mono- and Oligosaccharides
 J. Carboh. Chem., 20 (2001) 1-16
- 17 G. Stecher, **C.W. Huck**, G.K. Bonn
Analysis of Flavonoids and Stilbenes in Red Wine and Related Biological Products by HPLC and HPLC-ESI-MS/MS
 Fresenius J. Anal. Chem. 371 (2001) 73-80
- 18 **C.W. Huck**, M.R. Buchmeiser, G.K. Bonn
Fast analysis of flavonoids in plant extracts by liquid chromatography-ultraviolet absorbance detection on poly(carboxylic acid)-coated silica and electrospray ionization tandem mass spectrometric detection
 J. Chromatogr. A, 943 (2001) 33-38

- 19 **C.W. Huck**, C.G. Huber, G.K. Bonn
HPLC of Carbohydrates with Cation- and Anion-Exchange Silica and Resin-Based Stationary Phases
J. Chrom. Libr., 66 (2002) 165-205
- 20 Michael A. Popp, Guenther Bonn, **Christian Huck**, Wolfgang Guggenbichler
Method for classifying wine and coffee
Patent No. WO 2002097431, Application Number WO 2002-EP4988
- 21 **C.W. Huck***, G. Stecher, P. Ahrer, W. Stöggel, G.K. Bonn, W. Buchberger
Analysis of Three Flavonoids by CE-UV and CE-ESI-MS. Determination of Naringenin from a Phytomedicine
J. Sep. Sci., 25 (2002) 904-908
- 22 M. Jochum, R. Bakry, I. Wartusch, **C.W. Huck**, G.K. Bonn
Analysis of Carbohydrates using Quaternized Polystyrene-Divinylbenzene Particles and Pulsed Amperometric Detection
Chromatographia, 56 (2002) 263-266
- 23 E.O. Hochleitner, R. Bakry, **C.W. Huck**, F. Flores, W.M. Stöggel, G. Stecher, G.K. Bonn
Analysis of Isolectins on Non-Porous Particles and Monolithic Polystyrene-Divinylbenzene based Sorbents and Electrospray Ionisation Mass Spectrometry
Int. J. Mass Spectrom., 12239 (2002) 1-8
- 24 **C.W. Huck**
Advances of Near-Infrared Spectroscopy in Phytochemistry
Near Infrar.Spectrosc., 10 (2002) 491-496
- 25 R. Pirker, **C.W. Huck**, G.K. Bonn
Simultaneous analysis of hypericin and hyperforin in human plasma and serum using liquid-liquid extraction, HPLC and LC-MS/MS
J. Chromatogr. B, 2002, 777, 147-153
- 26 G. Stecher, **C.W. Huck**, W.M. Stöggel, W. Guggenbichler, R. Bakry, G.K. Bonn
High Performance Separation Technologies in Phytomics
Phytochem. Rev., 1 (2002) 413-426
- 27 G. Stecher, C.W. Huck, W.M. Stöggel, G.K. Bonn
Phytoanalysis – A Challenge in Separation Science
TRAC-Trends in Analytical Chemistry, 22 (2003) 1-14
- 28 D. Bernhard, G. Pfister, **C.W. Huck**, M. Kind, W. Salvenmoser, G. Bonn, G. Wick
Disruption of vascular endothelial homeostasis by tobacco smoke impact on atherosclerosis.
The FASEB Journal, 17(15) (2003) 2302-2304

- 29 **C.W. Huck***, G. Stecher, R. Bakry, G.K. Bonn
Recent Progress in High-Performance Capillary Bioseparations
 Electrophoresis, 2003, 24, 3977-3997
- 30 W.M. Stöggl, **C.W. Huck**, G.K. Bonn
Structural Elucidation of Catechin and Epicatechin in Sorrel Leaf Extracts using Liquid-Chromatography coupled to Diode Array-, Fluorescence- and Mass Spectrometric Detection
 J. Sep. Sci., 27 (2004) 524-528
- 31 R. Pirker, **C.W. Huck***, M. Popp, G.K. Bonn
Simultaneous determination of gentisic-, salicylic- and salicylic acid in human plasma using solid-phase extraction, high-performance liquid chromatography and electrospray ionization mass spectrometry
 J. Chromatogr. B, 809 (2004) 257-264
- 32 D. Bernhard, **C.W. Huck**, T. Jakschitz, G. Pfister, B. Henderson, G.K. Bonn, and G. Wick
Development and evaluation of an in vitro model for the analysis of cigarette smoke effects of cultured cells and tissues
 J. Pharmacol. Toxicol., 50(1) (2004) 45-51
- 33 H. Scherz, **C.W. Huck**, G.K. Bonn
Electrophoresis of Carbohydrates
 Encycl. Anal. Sci., (2005) 433-445
- 34 Z. Szabo, R. Ohmacht, **C.W. Huck**, W.M. Stöggl, G.K. Bonn
Influence of the Pore Structure on the Properties of Silica Based Reversed Phase Packings for LC
 J. Sep. Sci., 28 (2005) 313-324
- 35 M. Sultan, G. Stecher, W.M. Stöggl, R. Bakry, P. Zaborsky, **C.W. Huck**, N.M. El Kousy, H.A. Dessouky, A.S. Amin, G.K. Bonn
Determination of Non Steroidal Anti-Inflammatory Drugs (NSAIDs) in Pharmaceutical Formulations and Biological Samples (blood, plasma, erythrocytes) by LC-UV-MS and μ -LC
 Current Med. Chem., 12 (2005) 763-771
- 36 I. Feuerstein, S. Morandell, G. Stecher, **C.W. Huck**, T. Stasyk, H.-L. Huang, D. Teis, L.A. Huber, G.K. Bonn
Phosphoproteomic Analysis using Immobilized Metal Ion Affinity Chromatography on the Basis of Cellulose Powder
 Proteomics, 5 (1) (2005) 46-54
- 37 **C.W. Huck**, W. Guggenbichler, G.K. Bonn
Analysis of Caffeine, Theobromine and Theophylline in Coffee by Near Infrared Reflectance Spectroscopy (NIRS) Compared to High Performance Liquid Chromatography (HPLC) Coupled to Mass Spectrometry
 Anal. Chim. Acta, 538 (2005) 195

- 38 **C.W. Huck***, G. Stecher, H. Scherz, G.K. Bonn
Analysis of Drugs, Natural and Bioactive Compounds Containing Phenolic Groupss by Capillary Electrophoresis Coupled to Mass Spectrometry
 Electrophoresis, 26 (2005) 1319-1322
- 39 T. Stasyk, S. Morandell, R. Bakry, I. Feuerstein, **C.W. Huck**, G. Stecher, G.K. Bonn, L.A. Huber
Quantitative detection of phosphoproteins by combination of two-dimensional difference gel electrophoresis and phosphospecific fluorescent staining
 Electrophoresis, (2005), 26(14), 2850-2854.
- 40 H.-L. Huang, T. Stasyk, S. Morandell, M. Mogg, M. Schreiber, I. Feuerstein, **C.W. Huck**, G. Stecher, G.K. Bonn, L.A. Huber
Enrichment of low abundant proteins by Albumin/IgG immunoaffinity depletion under reducing conditions
 Electrophoresis, (2005), 26(14), 2843-2849.
- 41 A. Bernkop-Schnürch, Y. Pinter, D. Guggi, H. Kahlbacher, G. Schöffmann, M. Schuh, I. Scherold, M.D. Del Curto, M. D'antonio, P. Esposito, **C. Huck**
The use of thiolated polymers as carrier matrix in oral peptide delivery – proof of concept
 J. Cotroll. Release, (2005), 106(1-2), 26-33.
- 42 W.M. Stöggl, **C.W. Huck***, S. Wongyai, H. Scherz, G.K. Bonn
Simultaneous Determination of Carotenoids, Tocopherols and γ -Oryzanol in Crude Rice Bran Oil by Liquid Chromatography coupled to Diode Array- and Mass Spectrometric Detection using Silica C30 Stationary Phases
 J. Sep. Sci., 2005, 1712-1718
- 43 W. Guggenbichler, **C.W. Huck***, A. Kobler, G.K. Bonn
Near Infrared Reflectance Spectroscopy As A Tool for Quality Control In Wine Production
 J. Food Agric. Environm., 4(2) (2006) 98-106
- 44 **C.W. Huck***, R. Ohmacht, Z. Szabo, G.K. Bonn
Near Infrared Spectroscopy in Material Science and Nano Technology: Characterisation of Silica Materials
 J. Near Infrared Spectrosc., 14, 2006, 51-57
- 45 C. Bisjak, R. Bakry, **C.W. Huck***, G.K. Bonn
Amino-functionalized monolithic poly(glycidyl methacrylate-co-divinylbenzene) ion-exchange stationary phases for the separation of oligonucleotides
 Chromatographia, 2005, 62, S31-S36

- 46 I. Feuerstein, M. Rainer, K. Bernardo, G. Stecher, **C.W. Huck**, K. Kofler, A. Pelzer, W. Horninger, H. Klocker, G. Bartsch
Derivatized cellulose combined with MALDI-TOF-MS – a new tool for serum-protein profiling
J. Proteom. Res., 4(6), 2005, 2320-2326
- 47 T. Schmitz, **C.W. Huck**, A. Bernkop-Schnürch
Characterisation of the thiol-disulphide chemistry of desmopressin by LC, μ -LC, LC-ESI-MS and MALDI-TOF-MS
Amino Acids, 2005, 1438-2199 (online)
- 48 **C.W. Huck**, V. Pezzei, T. Schmitz, G.K. Bonn, A. Bernkop-Schnürch
The sulfhydryl barrier in oral peptide delivery
J. Drug Target., 2006, in press
- 49 N.H. Aprilita, **C.W. Huck***, R. Bakry, I. Feuerstein, G. Stecher, S. Morandell, H.-L. Huang, T. Stasyk, L.A. Huber, G.K. Bonn
Poly(glycidyl methacrylate/divinylbenzene)-IDA-Felll in phosphoproteomics
J. Proteom. Res., 4(6), 2005, 2312-2319
- 50 **C.W. Huck***, R. Bakry, G.K. Bonn
Progress in capillary electrophoresis of biomarkers and metabolites between 2002 and 2005
Electrophoresis, 27, 2006, 111-125
- 51 W.M. Stöggel, **C.W. Huck***, G. Stecher, G.K. Bonn
Capillary Electrochromatography of Biologically Relevant Flavonoids
Electrophoresis, 2006, 27, 787-792
- 52 **C.W. Huck***, R. Bakry, G.K. Bonn
Sample Preparation Techniques For Mass Spectrometry in Proteomics Using Recently Developed Highly Selective Stationary Phases
Curr. Proteom., 2005, 2, 269-285
- 53 **C.W. Huck**, G.K. Bonn
Analysis of Proteins by Capillary Electrophoresis
In: Capillary Electrophoresis: Methods and Protocols
Humana Press, 2006, in press
- 54 **C.W. Huck***, R. Bakry, G.K. Bonn
Polystyrene/Divinylbenzene based monolithic and encapsulated capillary columns for the analysis of nucleic acids by high-performance liquid chromatography - electrospray ionization mass spectrometry
Eng. In Life Sci., 2005, 5(5), 2005, 431-437
- 55 S. Morandell, T. Stasyk, L.A. Huber, I. Feuerstein, **C.W. Huck**, R. Bakry, G.K. Bonn, E. Roitinger, K. Mechtler
Strategien zur funktionellen Proteom-Analyse von Signaltransduktionswegen
Laborwelt 6(4), 2005, 26-29

- 57 M. Najam-ul-Haq, M. Rainer, **C.W. Huck**, G. Stecher, I. Feuerstein, D. Steinmüller, G.K. Bonn
Chemically modified ultranano crystalline diamond layer as Material enhanced laser desorption ionisation (MELDI) surface in cancer diagnosis
 Current Nanoscience, 2006, 2, 1-7
- 58 D. Steinmüller-Nethl, F. Kloss, M. Najam-UI-Haq, M. Rainer, K. Larsson, Ch. Linsmeier, G. Köhler, R. Gassner, C. Fehrer, G. Lepperdinger, **C.W. Huck**, G. Bonn
Strong physisorption of BMP-2 on nanocrystalline diamond retains bioactivity
 Biomaterials, 2006, 27(26), 4547-4556
- 59 **C.W. Huck***, G.K. Bonn
Poly(Styrene-Divinylbenzene) Based Media for Liquid Chromatography
 CIT-Chemical Engineering and Technology, 28, 2005, 1457-1472
- 60 I. Feuerstein, M. Najam-ul-Haq, M. Rainer, L. Trojer, R. Bakry, N. Hidayat Aprilita, G. Stecher, **C.W. Huck**, H. Klocker, G. Bartsch, A. Guttman and G.K. Bonn
Material Enhanced Laser Desorption/Ionization (MELDI) – a new protein profiling tool utilizing specific carrier materials for TOF-MS Analysis
 J. Am. Soc. Mass Spectrom., (2005), in press
- 61 M. Najam-ul- Haq , M. Rainer, T. Schwarzenauer, **C.W. Huck*** , G.K. Bonn
Chemically modified carbon nanotubes as material enhanced laser desorption ionisation (MELDI) material in protein profiling
 Anal. Chim. Acta, 561, 2006, 32-39
- 62 W. Wieder, C.P. Bisjak, **C.W. Huck***, R. Bakry, G.K. Bonn
Amino-Functionalized Poly(glycidyl methacrylate-co-divinylbenzene) Strong Anion-Exchange Monolithic Stationary Phase for the Separation of Oligonucleotides and Nucleosides
 Anal. Chim Acta, (2006) submitted
- 63 H. Scherz, **C.W. Huck***, G.K. Bonn
Capillary Electrochromatography (CEC) and Electrokinetic Chromatography (EKC) of Natural Compounds
 Electrophoresis, (2006), in press
- 64 **C.W. Huck***, R. Bakry, G.K. Bonn
Capillary Electrophoresis Coupled to Matrix Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry
 Electrophoresis, (2006) in press
- 65 H.-L. Huang, T. Stasyk, S. Morandell, G. Falkensammer, A. Griesmacher, M. Mogg, M. Schreiber, I. Feuerstein, **C.W. Huck**, G. Stecher, G.K. Bonn, L.A. Huber
Biomarker discovery in breast cancer serum using 2D-DIGE and Maldi-Tof/Tof mass spectrometry
 Electrophoresis, 27(8), 2006, 1641-50

- 66 G. Stecher, **C.W. Huck**, I Feuerstein, R. Bakry, G.K. Bonn
Phytoanalysis: challenges and solutions. In: Floriculture, Ornamental and Plant Biotechnology: Advances and Topical Issues (1 st Edition). Jaime A Teixeira da Silva (Ed). Structure, Metabolism, Development, Physiology and Genetics.
 Global Science Book, London, (2006) submitted
- 67 T. Jakschitz, **C.W. Huck***, S. Lubbad, G.K. Bonn
Monolithic Poly(TMSM-DMSBMS) Stationary Phases for the fast Separation of Oligonucleotides and Proteins
 J. Chromatogr. A, (2006) submitted
- 68 N. Heigl, **C.W. Huck***, M. Rainer, N. Ul-Haq, G.K. Bonn
Near Infrared Spectroscopy, Cluster and Multivariate Analysis Hyphenated To Thin Layer Chromatography For The Analysis of Amino Acids
 Amino Acids, (2006) in press
- 69 F. R. Kloss, M. Najam-Ul-Haq, M. Rainer, R. Gassner, M. Rasse, **C. W. Huck**, G. Bonn, F. Klauser, X. Liu, N. Memmel, E. Bertel, D. Steinmüller-Nethl*
Nano-crystalline diamond – an excellent platform for life science applications
 J. Nanosci. and Nanotechnol., (2006) submitted
- 70 M. Rainer, M. Najam-Ul-Haq, **C.W. Huck***, R. Bakry, G.K. Bonn
Ultra-quick protein profiling applying poly(glycidyl methacrylate-co-divinylbenzene) for MELDI-TOF MS
 JASMAS, (2006) submitted
- 71 S. Bachmann, **C.W. Huck***, R. Bakry, G.K. Bonn
Analysis of Flavonoids in a Phytomedicine by Capillary Electrophoresis Employing Capacitively Coupled Contactless Conductivity- (C⁴D) Compared to UV-Detection
 Electrophoresis, (2006) in prep.
- 72 **C.W. Huck***, R. Bakry, G.K. Bonn
Monolithische und enkapsulierte Polystyrol/-divinylbenzol-Kapillarsäulen für die Analytik von Nukleinsäuren
 Chemie Ing. Techn., 78 (5) (2006) 633-638.
- 72 G. Bonn, I. Feuerstein, **C.W. Huck**, M. Najam-ul-Haq, M. Rainer, G. Stecher, G. Schwarzmann, D. Steinmueller-Nethl, D. Steinmueller
Target for laser desorption/ionisation mass spectrometry.
 PCT Int. Appl. (2005), 47 pp. CODEN: PIXXD2 WO 2005096346
- 73 R. Bakry, W.M. Stöggel, E.O. Hochleitner, G. Stecher, **C.W. Huck**
Silica Particles Encapsulated Poly(styrene-divinylbenzene) Monolithic Stationary Phases for μ -High Performance Liquid Chromatography
 J. Chromatogr. A, 2006, submitted

- 74 R.M. Vallant, Z. Szabo, L. Trojer, M. Najam-UI Haq, M. Rainer, **C.W. Huck***, R. Bakry, G.K. Bonn
A New Analytical Approach for the Determination of Low Mass Serum Constituents Employing Fullerenes Derivatives for Selective Enrichment
Nanoletters, 2006, submitted.
- 75 **C.W. Huck**
Entwicklung neuer flüssigkeitschromatographischer und kapillarelektrophoretischer Trennsysteme und deren Kombination mit nahinfrarotspektroskopischen Methoden
Habilitationsschrift, Universität Innsbruck, 2006.
- 76 G. Bonn, D. Gjerde, R. Bakry, G. Stecher, **C.W. Huck**
Open Channel Solid Phase Extraction Systems and Methods
US-Patent, 2006, ED 326028993US
- 77 M. Rainer, M. Najam-ul-Haq, **C.W. Huck**, G.K. Bonn
Diamond-Like-Carbon coating (DLC) on Metal Sputtered Digital Versatile Disc (DVD) as a Matrix-Free Sample Support for Laser Desorption/Ionization Mass Spectrometry
Nature Nanotechnol., 2006, submitted
- 78 M. Najam-ul-Haq, M. Rainer, Z. Szabó, R. Vallant, **C. W. Huck***, G. K. Bonn
Role of Carbon Nanomaterials in Bio-analytics through Laser desorption ionisation – mass spectrometry (LDI-MS)
J. Biochem. Biophys. Meth., 2006, submitted
- 79 M. Najam-ul-Haq, M. Rainer, Z. Szabó, R. Vallant, **C. W. Huck***, G. K. Bonn
Nano Structured Stationary Phases for Bioanalysis
- **Characterisation and Application**
China Biotechnol., 2006, submitted

Vorträge

- 1 **C.W. Huck**
**Qualitätskontrolle von flüssigen Pflanzenextrakten in der Phytopharmaka-
produktion**
Bühler Anwenderseminar, Oktober 1998, Uzwil, Schweiz
- 2 **C.W. Huck, R. Maurer, M. Popp, N. Basener, G.K. Bonn**
**Online Qualitätskontrolle flüssiger Pflanzenextrakte in der Phytopharmaka-
produktion mittels Nah-Infrarot-Spektroskopie**
DGQ-Tagung, 22.-23. März 1999, Freising-Weihenstephan, Deutschland
- 3 **C.W. Huck, G.K. Bonn**
**Plenarvortrag: „New Analytical Methods for Quality Control in
Pytochemistry** Conference on Multidisciplinary Research on Phytotherapeutic
Natural Products“, 26.-28. März 1999, Rangsit Universität, Bangkok, Thailand
- 4 G.K. Bonn, Zemann, **C.W. Huck**
Neue Polymere Stationäre Phasen zur Trennung von Kohlenhydraten
Würzburger Kolloquium, 1. März 1999, Heidelberg
- 5 **C.W. Huck, R. Maurer, M. Popp, N. Basener, G.K. Bonn**
**Quality Control of Liquid Plant Extracts in the Phytopharmaceutical
Industry**
9. Internationale Konferenz für Nah-Infrarot-Spektroskopie, 13.-18. Juni 1999,
Verona, Italien
- 6 **C.W. Huck**
**Importance of Chromatographic Techniques as Reference Methods in
Spectroscopy (NIRS)**
Balaton Symposium 99, 1.-3. September 1999, Siofok, Ungarn
- 7 G.K. Bonn, **C.W. Huck, G. Stecher, W.M. Stöggli, I. Wartusch**
**Capillary Electrophoresis and Capillary Electrochromatography coupled
with Mass Spectrometry in Phytochemistry**
Saarbrücken, Deutschland, HPLCE 2000
- 8 G.K. Bonn, **C.W. Huck**
Natural Product Analysis - A Challenge for the Separation Scientist
Budapest, Ungarn, Symposium zum 70.Geburtstag von Cs. Horváth, Feb. 2000
- 9 **C.W. Huck, G.K. Bonn, M. Jochum, H. Engelhardt, K. Bischoff**
Polymere stationäre Phasen für HPLC und Elektrophorese
Düsseldorf, Deutschland, LifeCom Symposium & Exposition, 28.3.2000
- 10 G. Stecher, **C.W. Huck, W. Guggenbichler, G.K. Bonn**
**Neue Analysenmethoden zur Bestimmung phenolischer Verbindungen in
Rotwein**
München, Deutschland, Analytica Conference 2000, 11.-14.4.2000

- 11 G.K. Bonn, C.W. Huck
Novel Separation and Detection Techniques in Phytochemistry
 Lublin, Polen, 2. Internationales Symposium für Chromatography von
 Naturstoffen, 5.-6.6.2000

- 12 G.K. Bonn, **C.W. Huck**
**New Developments and Applications of Modern Chromatographic Methods
 for the Analysis of Natural Products**
 EUFEPS 2000, Budapest, Ungarn, Sept.16-19 2000

- 13 **C.W. Huck**, G.K. Bonn
**Near Infrared Transflectance Spectroscopy (NIRS) Method for a fast
 Determination of Polyphenolic Compounds**
 9. Österreichische Chemietage, Gesellschaft Österreichischer Chemiker,
 Innsbruck, Sept. 26 2000

- 14 **C.W. Huck**, W. Guggenbichler, G.K. Bonn
Near Infrared Transflectance Spectroscopy (NIRS) in Phytochemistry
 10th International Conference on Near-Infrared Spectroscopy, 10.-15. Juni 2001,
 Kyongju, Korea

- 15 **C.W. Huck**
Nah-Infrarot Spektroskopie in Phyto-, Kaffee- und Weinanalytik
 ARGE-Chemie 2001, 10.-12-12-2001, Tramin (BZ), Italien

- 16 **C.W. Huck**
**Aktuelle Schadstoffanalytik in der Lebensmittel- und
 Heilpflanzenuntersuchung**
 ARGE-Chemie 2001, 10.-12-12-2001, Tramin (BZ), Italien

- 17 G.K. Bonn, G. Stecher, **C.W. Huck**
Phytoanalysis - A Challenge in Phytomics
 7th International Symposium „Advances in Analytical Separation Science -
 Chromatography and Electrophoresis“, Pörschach/Wörthersee, June 3-5, 2002

- 18 G.K. Bonn, G. Stecher, **C.W. Huck**
**High Performance Separation Technologies for Natural Products Analysis -
 A Challenge in Phytomics**
 3rd International Symposium on Chromatography of Natural Products, 12-15
 June, 2002, Kazimierz, Polen

- 19 G.K. Bonn, **C.W. Huck**, G. Stecher
**Packing Design for High-Performance Chromatographic and
 Electrophoretic Bioseparations**
 ISC'02 - 24th International Symposium on Chromatography, 15th - 20th September
 2002

- 20 **C.W. Huck**
Nah-Infrarot-Spektroskopie und HPLC für die Analyse von Kaffee und Wein
 12. Büchi NIR-Tagung, 17./18. September 2002, Basel, Schweiz

- 21 **C.W. Huck**
Phytomics - A Challenge in Separation Technology
 Northwest Sci-Tech University of Agriculture and Forestry, 28. Juli 2002,
 Yangling, China
- 22 **C.W. Huck**
Near-Infrared Spectroscopy and Chromatography in Wine and Coffee Analysis
 12. NIR-Tagung, 17./18. September 2002, Basel
- 23 G.K. Bonn, **C.W. Huck**, G. Stecher, R. Bakry
Packing Design for High-Performance Capillary Bioseparations
 HPCE 2003 - 16th International Symposium on Microscale Separations and Analysis on Genomics, Proteomics and Metabolomics, 18th- 23th January 2003, San Diego, CA, USA
- 24 **C.W. Huck**
Hochentwickelte Stationäre Phasen für HPLC und CE
 Dionex-HPLC Spezialtagung, Linz, Österreich, 29. April 2003
- 25 **C.W. Huck**
Nah-Infrarot Spektroskopie in der Phytochemie
 Büchi-Lebensmittelseminar, Universität Innsbruck, 18. Juni 2003.
- 26 G. Stecher, **C.W. Huck**, R. Bakry, G.K. Bonn
Particulate and Non-Particulate Stationary Phases in Capillary Separation Technology for Bioanalysis
 5th Balaton Symposium on High-Performance Separation Methods, September 3-5, 2003, Siófok, Hungary
- 27 R. Ohmacht, Z. Szabo, L. Mark, W. Stöggel, **Ch. Huck**, G.K. Bonn
Effect of the pore structure on the behaviour of long chain (C₁₈-C₃₀) reversed phase HPLC packings
 7th Symposium on Instrumental Analysis, Pecs, Sept 23-27, 2003
- 28 N. Aprilita, **C.W. Huck**, G.K. Bonn
New Stationary Phases for Liquid Chromatography - Mass Spectrometry in Proteomics
 EuSSS Seminar, University of Bayreuth, Oct 2-3, 2003
- 29 **C.W. Huck**, G. Stecher, R. Bakry, G.K. Bonn
Design of stationary phases for capillary separation technology in genomics and proteomics
 Österreichisches Proteomforschungssymposium, Vienna, September 29-30, 2003
- 30 G. Stecher, **C.W. Huck**, I. Feuerstein, R. Bakry, G.K. Bonn
Design of Stationary Phases for Combinatorial Preconcentration and Microseparation in Proteomics
 HPCE 2004, February 8-12, 2004, Salzburg, Austria

- 31 W. Walcher, K. Kofler, **C.W. Huck**, H. Klocker, G. Bartsch, G.K. Bonn
The use of monolithic capillary columns in 2D-HPLC for prostate cancer biomarker research
 First International Symposium of the Austrian Proteomics Platform, Seefeld, Tirol, Austria, January 26-29, 2004
- 32 G.K. Bonn, **C.W. Huck**, G. Stecher
Solid-Phase Extraction and μ -LC-MS as Important Analytical Tools in Proteomics and Phytomics
 4th International Symposium on Chromatography of Natural Products, ISCPN, 2004, Kazimierz Dolny, Poland, 14-17 June, 2004
- 33 G.K. Bonn, **C.W. Huck**, G. Stecher, R. Bakry, W. Walcher
New Design of Different Stationary Phases for μ -HPLC coupled to Mass Spectrometry
 Analytica 2004, May 11-14, Munich, Germany
- 34 G. Bonn, **Ch. Huck**, R. Bakry, G. Stecher, S. Lubbad
Design of Stationary Phases for Enrichment and Separations Using Capillary Technologies in Proteomics
 Abstract for 27th International Symposium on Capillary Chromatography, Riva del Garda, Italy, May 31 - June 4, 2004
- 35 G. Bonn, C. Huck, G. Stecher, R. Bakry, S. Lubbad
Monolithic Stationary Phases as an Important Tool for Hyphenated Techniques in Bioanalysis
 28th International Symposium and Exhibition on High Performance Liquid Separation & Related Technologies, June 12-18, Philadelphia, USA
- 36 G.K. Bonn, G. Stecher, **C.W. Huck**
High Performance Separation Technologies for Natural Products Analysis – A Challenge in Phytomics
 Seventeenth Annual International Ion Chromatography Symposium, Sept. 20-23, 2004
- 37 **C.W. Huck**, G. Stecher, G.K. Bonn
Metabolomics and Proteomics for the Analysis of In-Vitro Samples
 12. Kongr. über Alternativen zu Tierversuchen", Linz, 15.-17.10.04
- 38 G. Bonn, G. Stecher, **Ch. Huck**
Monoliths and Particles as Stationary Phases for Preconcentration and Separation in Bioanalysis
 10th International Symposium on Separation Sciences, Opatija, Croatia, October 12 – 15, 2004
- 39 G. Bonn, **Ch. Huck**, G. Stecher, I. Feuerstein
Sample Preparation– and LC–Technologies Based on Novel Selective Materials for Bioanalysis
 25th International Symposium on Chromatography, Paris, France, October 4th – 8th, 2004

- 40 G.K. Bonn, G. Stecher, **C.W. Huck**
New Stationary Phases for Miniaturised HPLC coupled to Mass Spectrometry
CBISNF 2004, New Delhi, India, 21-26 November, 2004
- 41 G.K. Bonn, G. Stecher, **C.W. Huck**
New Stationary Phases for *Online* and *Offline* Chromatographic Separation Systems for the Analysis of Complex Samples
Abstract for the Pittcon 2005
- 42 **C.W. Huck**
Nah-Infrarot Spektroskopische Untersuchungen an Rotweinen und Weintrauben
14. NIR-User Meeting, 15. September 2004, Flawil, Schweiz
- 43 M. Najam-UI-Haq, M. Rainer, I. Feuerstein, G. Stecher, **C.W. Huck***, G. Bonn
Chemical Modification of Nanomaterials for Proteomics and Metabolomics in Clinical Diagnosis
1st Nadine Kickoffmeeting, Vill, Oct. 29 2004
- 44 **C.W. Huck**, G. Stecher, G.K. Bonn
Novel Analytical Tools for Proteomics
SFB 021-Retreat, Dec 15-17, 2004, Grafenast, Austria
- 45 G.K. Bonn, I. Feuerstein, M. Rainer, N. UI-Haq, G. Stecher, **C.W. Huck**
Direct MELDI/TOF-MS Analysis of Serum Proteins bound to derivatized Beads and Surfaces
2nd Nadine Kickoffmeeting, Umit, Hall, April 24 2005
- 46 **C.W. Huck**, M. Daxböck, G. Stecher, G.K. Bonn
Ionenchromatographie und Nah-Infrarot-Spektroskopie in der Waschmittelanalytik
Dionex-Symposium, Vienna, April 26 2005
- 47 **C.W. Huck**
Sample Preparation and LC Technologies Based on Novel Selective Materials for Bioanalysis
2nd European Seminar Series Sigma-Aldrich, Innsbruck, June 30, 2005
- 48 **C.W. Huck**, G. Stecher, G.K. Bonn
Novel Analytical Strategies in Proteomics, Metabolomics and Phytomics
2nd CMBI Meeting, Vill, September 30 – October 1, 2005
- 49 **C.W. Huck**
Neue Analytische Strategien im Lebensmittelbereich
Dionex-Lebensmittelsymposium, Vienna, Nov. 9, 2005
- 50 **C.W. Huck**
Nano-Structure Based Stationary Phases for Bioanalysis
1. Österreichisches Nanoanalytik Symposium, Grundlsee, Austria, May 11-12, 2006

- 51 **C.W. Huck**
Plenary Lecture: Nano Structured Stationary Phases for Bioanalysis
- Characterisation and Application
The 4th Annual Congress of International Drug Discovery Science and Technology, 2006, Northwestern University, Xian, 31st May
- 52 N. Heigl, G.K. Bonn, **C.W. Huck**
Near-infrared Spectroscopy (NIRS): Introducing a non-invasive, Multivariate Data Analysis (MVA) based Technology for the Investigation, Characterization and Classification Bioanalytical Relevant Samples and Materials
ASAC JunganalytikerInnen Forum, June 9-10, Graz, 2006
- 53 Thomas A. E. Jakschitz, Kristof Plankensteiner, Hannes Reiner, **Christian W. Huck**, Günther Stecher, Bernd M. Rode, Günther K. Bonn
The origin of precursors of life – Amino acids, oligopeptides and their evolution
ASAC JunganalytikerInnen Forum, June 9-10, Graz, 2006
- 54 Matthias Rainer¹, Muhammad Najam-ul-Haq¹, Isabel Feuerstein¹, Lukas Trojer¹, Rainer Vallant¹, Zoltan Szabo¹, Rania Bakry¹, **Christian W. Huck¹**, Günther Stecher¹, Helmut Klocker², Georg Bartsch² and Günther K. Bonn¹
Mass Spectrometric Analysis of Serum Peptides and Proteins using MELDI Approach
ASAC JunganalytikerInnen Forum, June 9-10, Graz, 2006

Posterbeiträge

- 1 **C.W. Huck**, C.G. Huber, I.M. Lagoja, K.H. Ongania, H. Scherz, G.K. Bonn
Chemical Investigation, Isolation and Structural Analysis of Flavones from *Flos Primulae*
HPLC 1997, Birmingham, England
- 2 **C.W. Huck**, C.G. Huber, I.M. Lagoja, K.H. Ongania, H. Scherz, G.K. Bonn
Chemical Investigation, Isolation and Structural Analysis of Flavones from *Flos Primulae*
GA-Tagung, September 1998, Wien
- 3 R. Maurer, **C.W. Huck**, M. Popp, N. Basener, G.K. Bonn
Quantitative Fourier Transform Near-Infrared-Reflectance-Spectroscopy (NIRS) compared to High Performance Liquid Chromatography (HPLC) of a Flavone in *Flos Primulae veris* Extracts (Sinupret®)
GA-Tagung, September 1998, Wien
- 4 **C.W. Huck**, C.G. Huber, I.M. Lagoja, K.H. Ongania, H. Scherz, G.K. Bonn, „HPLC Determination and Chromatographic Isolation of 3',4',5'-Trimethoxyflavone from *Flos Primulae veris*“
Symposium für Chromatographie, September 1998, Rom, Italien
- 5 R. Maurer, **C.W. Huck**, M. Popp, N. Basener, G.K. Bonn
Quantitative Bestimmung von 3',4',5'-Trimethoxyflavon in *Flos Primulae veris* Extrakten (Sinupret®)
Bühler Anwenderseminar, Oktober 1998, Uzwil, Schweiz
- 6 **C.W. Huck**, C.G. Huber, K.H. Ongania, G.K. Bonn
Characterization of Methoxylated Flavones from the Flowers of *Primula veris* by EI-HR-MS, GC-EI-MS and HPLC-ESI-MS
Iglser MS Tage, 4.-5. Februar 1999, Igl
- 7 **C.W. Huck**, R. Maurer, M. Popp, N. Basener, G.K. Bonn
Online Qualitätskontrolle flüssiger Pflanzenextrakte in der Phytopharmakaproduktion mittels Nah-Infrarot-Spektroskopie (NIRS)
DGQ-Tagung, 22.-23. März 1999, Freising-Weihenstephan, Deutschland
- 8 **C.W. Huck**, G.K. Bonn
Evaluation of Detection Methods for the RP-HPLC Determination of 3',4',5'-Trimethoxyflavone in Different Phytopharmaceuticals and Human Serum
HPLC `99, 30.5.-4.6.1999, Granada, Spanien
- 9 **C.W. Huck**, C.G. Huber, K.-H. Ongania, G.K. Bonn
Isolation and Characterization of sic Methoxylated Flavones from the Flowers of *Primula veris* by liquid Chromatography and Mass Spectrometry
HPLC `99, 30.5.-4.6.1999, Granada, Spanien

- 10 W.M. Stöggel, **C.W. Huck**, M. Popp, H. Scherz, G.K. Bonn
Evaluation of Detection Methods for the Determination of Tocopherols in Food and Phytopharmaceuticals
 Balaton Symposium 99, 1.-3. September 1999, Siofok, Ungarn
- 11 G. Stecher, **C.W. Huck**, A. Premstaller, C.G. Huber, M. Popp, H. Scherz, G.K. Bonn
CE, CEC and HPLC-MS Methods for the Determination of Resveratrol and Glycosides in red Wine
 Balaton Symposium 99, 1.-3. September 1999, Siofok, Ungarn
- 12 **C.W. Huck**, M. Popp, H. Scherz, G.K. Bonn
Development and Evaluation of a New Method for the Determination of the Carotenoid Content in Selected Vegetables and Fruits by HPLC and HPLC-MS/MS
 Balaton Symposium 99, 1.-3. September 1999, Siofok, Ungarn
- 13 G. Stecher, **C.W. Huck**, M. Popp, G.K. Bonn
Evaluation of Detection Methods for the HPLC Determination of Stilbenes and Flavonoids
 XXXV. Vortragstagung der DGQ, 20.-21-3.2000, Karlsruhe, Deutschland
- 14 W. Guggenbichler, G. Stecher, **C.W. Huck**, N. Basener, G.K. Bonn
Quantitative Near-Infrared-Transflectance-Spectroscopy (NIRS) of Red Wine
 XXXV. Vortragstagung der DGQ, 20.-21-3.2000, Karlsruhe, Deutschland
- 15 **C.W. Huck**, M. Popp, H. Scherz, G.K. Bonn
New HPLC and HPLC-MS/MS Method for the Determination of the Carotenoid Content in Selected Vegetables and Fruits
 XXXV. Vortragstagung der DGQ, 20.-21-3.2000, Karlsruhe, Deutschland
- 16 G. Stecher, **C.W. Huck**, M. Popp, G.K. Bonn
Simultaneous Determination of Resveratrol- and Piceid – Isomeres in Wines by Capillary Electrochromatography (CEC)
 24th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 24.-30. Juni 2000, Seattle, USA
- 17 R. Pirker, **C.W. Huck**, G.K. Bonn
New HPLC-APCI-MS/MS Method for the Determination of Flavonoids, Naphtodianthrones and Phloroglucines in Hypericum Perforatum (St. John´s Wort) Extracts
 24th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 24.-30. Juni 2000, Seattle, USA
- 18 **C.W. Huck**, G.K. Bonn
Near infrared transflectance spectroscopy (NIRS) method for a fast determination of polyphenolic compounds
 IDRC 2000, 13.-16. August 2000, Chambersburg, USA.

- 19 **C.W. Huck**, W. Guggenbichler, G.K. Bonn
Neue chromatographische und spektroskopische Verfahren zur Qualitätskontrolle von Heil- und Gewürzpflanzen
 XXXVI. Vortragstagung der DGQ, 19.-20. März 2001, Jena, Deutschland.
- 20 **C.W. Huck**, G. Stecher, W. Ahrer, W.M. Stöggl, W. Buchberger
Analyses of Flavonoids in Phytopharmaceutical Products by Capillary Electrophoresis in Combination with Electropray-Mass Spectrometry
 HPLC 2001, 17.-22. Juni 2001, Maastricht, NL
- 21 W. Guggenbichler, **C.W. Huck**, M. Popp, G.K. Bonn
Classification of Red Wines by Near Infrared Transflectance Spectroscopy
 10th International Conference on Near-Infrared Spectroscopy, 10.-15. Juni 2001, Kyongju, Korea
- 22 **C.W. Huck**, M. Buchmeiser, G.K. Bonn
Fast Analysis of Flavonoids in Food and Phytopharmaceutical Products on Poly(carboxylic acid) coated Silica by HPLC and HPLC-ESI-MS/MS
 Balaton Symposium 2001, Siofok, Ungarn
- 23 R. Pirker, **C.W. Huck**, G.K. Bonn
Simultaneous Detection of Hypericin and Hyperforin in Human Plasma and Serum
 Balaton Symposium 01, 1.-3. September 1999, Siofok, Ungarn
- 24 W. Stöggl, **C.W. Huck**, G.K. Bonn
Simultaneous Determination of Carotenoids, Tocopherols and g-Oryzanol by HPLC-MS/MS and Diode Array Detection using C30-Stationary Phase
 Balaton Symposium 01, 1.-3. September 1999, Siofok, Ungarn
- 25 **C.W. Huck**, W. Guggenbichler, H. Scharnagl, G.K. Bonn
Near-Infrared Transflectance Spectroscopy and HPLC Technology in Coffee and Wine Analysis
 Balaton Symposium 01, 1.-3. September 2001, Siofok, Ungarn
- 26 W.M. Stöggl, **C.W. Huck**, G.K. Bonn
Structural Elucidation of Compounds Found in Phytopharmaceuticals
 7th International Symposium „Advances in Analytical Separation Science - Chromatography and Electrophoresis“, Pörschach/Wörthersee, June 3-5, 2002
- 27 G. Stecher, **C.W. Huck**, M. Popp, G.K. Bonn
Analysis of trans- and cis-Resveratrol in Human Plasma and Urine by HPLC-MS/MS
 3rd International Symposium on Chromatography of Natural Products, 12-15 June, 2002, Kazimierz, Polen

- 28 R. Pirker, **C.W. Huck**, G.K. Bonn
Methods for the determination of active compounds and their metabolites of phytopharmaceuticals in plasma and serum for achieving pharmacokinetic studies
3rd International Symposium on Chromatography of Natural Products, 12-15 June, 2002, Kazimierz, Polen
- 29 W.M. Stöggl, **C.W. Huck**, M. Popp, G.K. Bonn
Structural Elucidation of Compounds Found in Phytopharmaceuticals
50th Annual Congress of the Society for Medicinal Plant Research, Barcelona (Spain), September 8-12, 2002
- 30 G. Stecher, **C.W. Huck**, M. Popp, G.K. Bonn
Analysis of Secondary Plant Metabolites in Human Blood and Urine
50th Annual Congress of the Society for Medicinal Plant Research, Barcelona (Spain), September 8-12, 2002
- 31 E.O. Hochleitner, R. Bakry, **C.W. Huck**, F. Flores, W.M. Stöggl, G.Stecher, G.K. Bonn
Analysis of Isolectins on Non-Porous Particular and Monolithic Polystyrene-Divinylbenzene based Sorbents and Electrospray Ionization Mass Spectrometry
5. Iglar-MS Tage, 20./21. Februar 2003, Igls, Tirol, Österreich
- 32 K. Jarukamjorn; G. Stecher, **C.W. Huck**, G.K. Bonn
Simultaneous Determination of Simple- and Macrocyclic-Trichotecenes by High Performance Liquid Chromatography Coupled with Ultraviolet-Absorbance and Mass Spectrometric Detection
27. HPLC Symposium, 15.-19. Juni 2003, Nice, France
- 33 N. Aprilita, R. Bakry, W.M. Stöggl, **C.W. Huck**, G.K. Bonn, S. Morandell, H.-L-Huang, D. Teis, L. Huber
Sophisticated Stationary Phases for Liquid Chromatography - Mass Spectrometry in Phospho-Proteomics
Proteomic Forum München 2003, September 14 - 17
- 34 W.M. Stöggl, **C.W. Huck**, G.K. Bonn
Capillary Electrochromatography of Flavonoids
5th Balaton Symposium, Siofok, Hungary, Sept 3-5, 2003
- 35 Z. Szabo, R. Ohmacht, W. Stöggl, **C. Huck**, G.K. Bonn
Optimisation of the preparation of silica based long-chain reversed phase packings for HPLC. I. Evaluation of C18 packing materials with different pore structure
5th Balaton Symposium, Siofok, Hungary, Sept 3-5, 2003
- 36 Z. Szabo, R. Ohmacht, W. Stöggl, **C. Huck**, G.K. Bonn
Optimisation of the preparation of silica based long-chain reversed phase packings for HPLC. II. Evaluation of C30 packing materials with different pore structure
5th Balaton Symposium, Siofok, Hungary, Sept 3-5, 2003

- 37 **C.W. Huck**, G.K. Bonn
Multidimensional Liquid Chromatography - Mass Spectrometry
 SFB-Hearing, Institute of Histology and Molecular Cell Biology, Innsbruck, Sept 11, 2003
- 38 **C.W. Huck**, G.K. Bonn
Stationary Phases for Selective Enrichment in Phosphoproteomics - Mass Spectrometry
 SFB-Hearing, Institute of Histology and Molecular Cell Biology, Innsbruck, Sept 11, 2003
- 39 M. Sultan, G. Stecher, R. Bakry, W.M. Stöggel, **C.W. Huck**, N.M. El-Kousy, H.A. Dessouky, A.S. Amin, G.K. Bonn
Determination of non-steroidal and anti-inflammatory drugs by LC-MS and μ -HPLC
 The Seventh Scientific Conference on Quality Control of Drugs, Vaccines and Natural Products, Cairo, Egypt, March 1-3, 2004
- 40 NH. Aprilita, I. Feuerstein, **C.W. Huck**, R. Bakry, G. Stecher, G.K. Bonn, S. Morandell, H.-L. Huang, T. Stasyk, D. Teis, L.A. Huber
Glycidyl Methacrylate/Divinylbenzene-Imino Diacetic Acid-Iron (III) (GMD-IDA-Fe³⁺) as a Stationary Phase for Solid-Phase Extraction (SPE) of Phosphopeptides
 First International Symposium of the Austrian Proteomics Platform, Seefeld, Tirol, Austria, January 26-29, 2004
- 41 G. Pinthong, P. Pattanagul, S. Baipong, J. Boonsangsom, C. Somsaghuan, S. Natakankitul, N. Kittipongpattana, W. Netisingha, R. Bakry, G. Stecher, **C.W. Huck**, G.K. Bonn
Anti-Cholesterol and Red Pigments Produced by *Monascus purpureus* in Thai Red rice
 Anniversary of Austrian - Thailand partnership, University Innsbruck, March 23, 2004
- 42 N.H. Aprilita, I. Feuerstein, **C.W. Huck**, R. Bakry, G. Stecher, G.K. Bonn, S. Morandell, H.-L. Huang, T. Stasyk, L.A. Huber
Glycidyl Methacrylate/Divinylbenzene-Imino Diacetic Acid-Iron (III) (GMD-IDA-Fe³⁺) as a Stationary Phase for Solid-Phase Extraction (SPE) of Phosphopeptides
 18th Meeting of the European Association for Cancer Research, 3-6 July 2004, Innsbruck, Austria
- 43 I. Feuerstein, M. Rainer, G. Stecher, **C.W. Huck**, K. Bernardo, H. Klocker, G. Bartsch, G.K. Bonn
Serum massfingerprinting using derivatized cellulose particles in combination with matrix-assisted laser desorption/ionisation time of flight for biomarker discovery
 HPLC 2004, Philadelphia, 12- 18 June, 2004

- 44 I. Feuerstein, M. Rainer, G. Stecher, **C.W. Huck**, K. Bernardo, H. Klocker, G. Bartsch, G.K. Bonn
Direct MALDI-TOF-MS analysis of serum proteins loaded on IDA-Me^{2+/3+}-cellulose for biomarker discovery
 18th Meeting of the European Association for Cancer Research, 3-6 July 2004, Innsbruck, Austria
- 45 I. Feuerstein, M. Rainer, G. Stecher, **C.W. Huck**, K. Bernardo, H. Klocker, G. Bartsch, G.K. Bonn
Derivatized cellulose combined with matrix-assisted laser desorption/ionisation time of flight for biomarker discovery
 1st IPSC Congress, Verona, 27-29 May, 2004
- 46 M. Najam-ul-Haq, I. Feuerstein, M. Rainer, G. Stecher, **C.W. Huck**, K. Bernardo, H. Klocker, G. Bartsch, G.K. Bonn
Direct matrix-assisted laser desorption/ionisation time of flight (MALDI-TOF-MS) of serum proteins loaded on derivatized diamond surface for biomarker discovery
 18th Meeting of the European Association for Cancer Research, 3-6 July 2004, Innsbruck, Austria
- 47 M. Najam-ul-Haq, I. Feuerstein, M. Rainer, G. Stecher, **C.W. Huck**, K. Bernardo, H. Klocker, G. Bartsch, G.K. Bonn
Direct matrix-assisted laser desorption/ionisation time of flight (MALDI-TOF-MS) of serum proteins loaded on derivatized diamond surface for biomarker discovery
 1st IPSC Congress, Verona, 27-29 May, 2004
- 48 I. Feuerstein, M. Rainer, G. Stecher, **C. W. Huck**, K. Bernardo, H. Klocker, G. Bartsch, G.K. Bonn
Serum massfingerprinting using derivatized cellulose particles in combination with matrix-assisted laser desorption/ionisation time of flight for biomarker discovery
 28th International Symposium and Exhibit on High Performance Liquid Phase Separations and Related Techniques - HPLC 2004, June 12-18, Philadelphia, USA
- 49 T. Schwarzenauer, **C.W. Huck**, M. Najam-ul-Haq, M. Rainer, G.K. Bonn
Carbon Nanotubes Derivatized with Iminodiacetic acid and loaded with Cu²⁺ for SELDI-TOF-MS in Prostate Cancer Research
 ÖGBM Joint Meeting 2004, 20. - 22. September, Innsbruck
- 50 M. Najam-ul-Haq, M. Rainer, I. Feuerstein, G. Stecher, **C.W. Huck**, K. Bernardo, K. Kofler, H. Klocker, G. Bartsch, G.K. Bonn
Derivatized Diamond Surface as SELDI-Target and Application in Biomarker Research
 ÖGBM Joint Meeting 2004, 20. - 22. September, Innsbruck

- 51 M. Rainer, M. Najam-ul-Haq, N.H. Aprilita, **C.W. Huck**, R. Bakry, I. Feuerstein, G. Stecher, G.K. Bonn
Derivatised GMA-DVB Polymer as SELDI-Material for Application in Biomarker Research
 ÖGBM Joint Meeting 2004, 20. - 22. September, Innsbruck
- 52 M. Najam-ul-Haq, M. Rainer, **C.W. Huck**, G. Stecher, D. Steinmüller, K. Kofler, H. Klocker, G. Bartsch, G.K. Bonn
Derivatised Diamond Surface and Diamond Powder for MALDI/TOF-MS Analysis of Serum Proteins
 Second International Symposium of the Austrian Proteomics Platform, 24-27 January 2005, Seefeld, Tirol, Austria
- 53 H.-L. Huang, S. Morandell, T. Stasyk, **C.W. Huck**, I. Feuerstein, G. Stecher, G.K. Bonn, L.A. Huber
Immunoaffinity Depletion HSA/IgG to Enrich Low Abundant Protein Under Nonnatural Conditions
 Second International Symposium of the Austrian Proteomics Platform, 24-27 January 2005, Seefeld, Tirol, Austria
- 54 C.P. Bisjak, R. Bakry, **C.W. Huck**, G.K. Bonn
Amino-Functionalized Monolithic Poly(glycidylmethacrylate-divinylbenzene) Stationary Phases for the Separation of Oligonucleotides
 HPCE 2005, New Orleans, 12-17 February 2005, USA
- 55 M. Rainer, M. Najam-ul-Haq, N.H. Aprilita, **C.W. Huck**, S. Lubbad, R. Bakry, I. Feuerstein, G. Stecher, H. Klocker, K. Kofler, G. Bartsch, G.K. Bonn
MALDI/TOF-MS Analysis of Serum Peptides and Proteins bound to derivatised Poly(Glycidylmethacrylate/Divinylbenzene) Beads
 6. Iglser MS-Tage, 16.-18. February 2005, Igls, Austria
- 56 M. Najam-ul-Haq, M. Rainer, I. Feuerstein, C.W. Huck, G. Stecher, D. Steinmüller, K. Kofler, H. Klocker, G. Bartsch, G.K. Bonn
Derivatised Diamond Surface and Diamond Powder for MALDI/TOF-MS Analysis of Serum Proteins
 6. Iglser MS-Tage, 16.-18. February 2005, Igls, Austria
- 57 T. Schmitz, **C.W. Huck**, A. Bernkop-Schnürch
Oral peptide delivery: Identification and first characterisation of the sulfhydryl-barrier
 32nd Annual Meeting & Exposition of the Controlled Release Society, 18-22 June, Miami, FL, US
- 58 R. Ohmacht, Z. Szabó, **C.W. Huck**, G.K. Bonn
A new approach for the characterisation of chemically modified stationary phases
 6th Balaton Symposium, Siofok, Hungary, Sept, 2005

- 59 W. Wieder, C.P. Bisjak, **C.W. Huck**, G.K. Bonn, G.K.
Separation of Oligonucleotides d(pT)₁₂₋₁₈ Using a Novel Strong Anion Exchange Poly(glycidyl methacrylate-co-divinylbenzene) Monolith
 6th Balaton Symposium, Siofok, Hungary, Sept, 2005
- 60 V.C.A. Pezzei, **C.W. Huck**, T. Schmitz, G.K. Bonn, A. Bernkop-Schnürch
The sulfhydryl barrier in oral peptide delivery
 Third International Symposium of the Austrian Proteomics Platform, Seefeld in Tirol, Austria, January 16th - 19th. 2006
- 61 T.A.E. Jakschitz, **C.W. Huck**, W. Wieder, S. Lubbad, G.K. Bonn
Monolithic Poly-(trimethylsilyl-4-methylstyrene-dimethylsilyl-bis(4-methylstyrene) Stationary Phases for the fast Separation of Oligonucleotides and Proteins
 Third International Symposium of the Austrian Proteomics Platform, Seefeld in Tirol, Austria, January 16th - 19th. 2006
- 62 N. Heigl, **C.W. Huck**, M. Rainer, M. Najam-ul-Haq, G.K. Bonn
Near-Infrared Spectroscopy (NIRS) as a Detection Tool for Rapid Amino Acid Analysis
 Third International Symposium of the Austrian Proteomics Platform, Seefeld in Tirol, Austria, January 16th - 19th. 2006
- 63 R. Vallant, Z. Szabó, M. Najam-ul-Haq, M. Rainer, **C.W. Huck**, R. Bakry, G.K. Bonn
Derivatized Fullerenes as Carrier Material for Biological Applications
 Third International Symposium of the Austrian Proteomics Platform, Seefeld in Tirol, Austria, January 16th - 19th. 2006
- 64 **C.W. Huck**
Characterisation of Silica Stationary Phases for Liquid Chromatography by Near Infrared Spectroscopy, Cluster and Multivariate Analysis
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- 65 **C.W. Huck** and G.K. Bonn
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- 66 Verena Pezzei¹, **Christian W. Huck**¹, Thierry Schmitz², Günther K. Bonn¹, Andreas Bernkop-Schnürch^{2*}
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