

## CURRICULUM VITAE

Albert Sickmann, Prof.

### PERSÖNLICHE DATEN

geboren am	10. Februar 1974 in
Geburtsort	Bad Driburg
Wohnort	Würzburg

### BERUFLICHE AUSBILDUNG

18. Juni 1993	Abitur
1993 - 1994	Grundwehrdienst: 1. PzBtl. 214 7. PzDiv, Augustdorf
1994 - 1998	Studium der Biochemie an der Ruhr-Universität-Bochum
bis 7. Okt. 1996	Diplom-Vorprüfungen (Gesamtnote: sehr gut)
bis 20. April 1998	Diplom-Prüfungen
Mai - Dez. 1998	Diplomarbeit, Thema: Isolierung und Identifizierung von MHC-Klasse-II-Peptiden aus Langerhans-Zellen.
10. Dez. 1998	Diplom (Gesamtnote: mit Auszeichnung) Auszeichnung durch einen Preis der Fakultät für Chemie.
Jan. 1999 - März 2001	Dissertation, Thema: Proteomanalyse des humanen Liquor Cerebrospinalis.
23. April 2001	Promotion (Gesamtnote: mit Auszeichnung) Auszeichnung durch einen Preis der Fakultät für Chemie

### BERUFSTÄTIGKEIT

Von Juli 2001	Teilprojektleiter des BMBF Projektes: Development of new Platform
bis Dezember 2002	Technologies for Functional Proteome Analysis – Application to Human Brain.
August 2002	Berufung zum Juniorprofessor für Proteinanalytik im Fachbereich Biologie der Universität Kaiserslautern, Ablehnung des Rufs.
Dezember 2002	Ernennung zum Juniorprofessor für Proteinfunktion/Proteomics an der Ruhr-Universität Bochum
Seit März 2003	Leitung der Abteilung Protein-Massenspektrometrie am Rudolf-Virchow Zentrum für exp. Biomedizin, Universität Würzburg
Mai 2007	Berufung zum Professor für Proteinanalytik

## PUBLIKATIONEN

2007

Winkler C, Denker K, Wortelkamp S, Sickmann A. Silver- and Coomassie-staining protocols: Detection limits and compatibility with ESI MS. *Electrophoresis*. 2007 May 22; [Epub ahead of print]

Schuchardt S, Sickmann A. Protein identification using mass spectrometry: a method overview. *EXS*. 2007; 97:141-70.

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Grunewald, TGP, Kammerer, U, Winkler, C, Schindler, D, Sickmann, A, Honig, A and Butt, E. Overexpression of LASP-1 mediates migration and proliferation of human ovarian cancer cells and influences zyxin localisation. *Br J Cancer*. 2007; 96(2):296-305.

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Zahedi, RP, Begonja, AJ, Gambaryan, S and Sickmann, A. Phosphoproteomics of human platelets: A quest for novel activation pathways. *Biochim Biophys Acta*. 2006; 1764 (12):1963-76.

Boehm, AM and Sickmann, A. A comprehensive dictionary of protein accession codes for complete protein accession identifier alias resolving. *Proteomics*. 2006; 6 (15): 4223-6.

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Reinders, J, Zahedi, RP, Pfanner, N, Meisinger, C and Sickmann, A. Toward the Complete Yeast Mitochondrial Proteome: Multidimensional Separation Techniques for Mitochondrial Proteomics. *J Proteome Res*. 2006; 5 (7): 1543-54.

Hahlen, K, Ebbing, B, Reinders, J, Mergler, J, Sickmann, A and Woehlke, G. Feedback of kinesin-1's neck-linker position on the catalytic site. *J Biol Chem*. 2006; 281 (27): 18868-77.

Reinders, J, Meyer, HE and Sickmann, A. Applications of highly sensitive phosphopeptide derivatization methods without the need for organic solvents. *Proteomics*. 2006; 6 (9): 2647-9.

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Schindler, J, Lewandrowski, U, Sickmann, A, Friauf, E and Nothwang, HG. Proteome analysis of brain plasma membranes isolated by affinity two-phase partitioning. *Mol Cell Proteomics*. 2006; 5 (2): 390-400.

Lewandrowski, U, Moebius, J, Walter, U and Sickmann, A. Elucidation of N-glycosylation sites on human platelet proteins - a glycoproteomic approach. *Mol Cell Proteomics*. 2006; 5 (2): 226-33.

Reinders, Y, Schulz, I, Gräf, R and Sickmann, A. Identification of Novel Centrosomal Proteins in *Dictyostelium discoideum* by Comparative Proteomic Approaches. **J Proteome Res.** 2006; 5(3): 589-98.

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Leuber, M, Orlik, F, Schiffler, B, Sickmann, A and Benz, R. Vegetative Insecticidal Protein (Vip1Ac) of *Bacillus thuringiensis* HD201: Evidence for Oligomer and Channel Formation. **Biochemistry.** 2006; 45(1): 283-8.

Schulz, I, Reinders, Y, Sickmann, A and Gräf, R. An improved method for *Dictyostelium* centrosome isolation. In: *Dictyostelium discoideum* protocols, **Methods Mol Biol.** 2006; 346:479-90.

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Grosse-Coosmann, F, Boehm, AM and Sickmann, A. Efficient Analysis and Extraction of MS/MS Result Data from Mascot(TM) Result Files. **BMC Bioinformatics.** 2005; 6(1): 290.

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van der Laan, M, Chacinska, A, Lind, M, Perschil, I, Sickmann, A, Meyer, HE, Guiard, B, Meisinger, C, Pfanner, N and Rehling, P. Pam17 Is Required for Architecture and Translocation Activity of the Mitochondrial Protein Import Motor. **Mol Cell Biol.** 2005; 25(17): 7449-58.

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#### 2004

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#### 2003

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2002

Wagner, Y, Sickmann, A and Meyer, HE. Multidimensionale nano-HPLC-MS/MS zur Analyse von Proteinkomplexen und Proteingemischen. **Biospektrum**. 2002; (492-495): .

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2000

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- Bernardo, K, Krut, O, Wiegmann, K, Kreder, D, Micheli, M, Schafer, R, Sickmann, A, Schmidt, WE, Schroder, JM, Meyer, HE, Sandhoff, K and Kronke, M. Purification and characterization of a magnesium-dependent neutral sphingomyelinase from bovine brain. **J Biol Chem.** 2000; 275 (11): 7641-7.