

Name Jörn Dengjel	Position Title Freiburg Institute For Advanced Studies- LIFENET Junior Fellow
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EDUCATION/TRAINING

Institution and Location	Degree	Year(s)	Field of Study
University of Tübingen, Germany	Diploma.	1997-2001	Biochemistry
University of Tübingen, Germany	Dr.rer.nat.	2001-2005	Immunology
Immatics Biotechnologies GmbH, Tübingen, Germany		2005	Tumor Analytics
University of Southern Denmark, Denmark		2006-2008	Quantitative Proteomics
University of Freiburg, Germany		Since Dec 2008	Quantitative Proteomics

Positions and Honours

Employment/Experience

1995-1997	Studies of Biochemistry (undergrad.), University of Potsdam, Institute for Biochemistry and Biology, Potsdam, Germany
1997-2001	Studies of Biochemistry (grad.), University of Tübingen, Physiological Chemical Institute, Tübingen, Germany
2001-2005	Doctoral thesis, University of Tübingen, Institute for Cell Biology, Department of Immunology, Tübingen, Germany (Laboratory of Prof. Dr. H.-G. Rammensee)
2005	Senior Scientist - Tumor Analytics / Pharmaceutical Development, Immatics Biotechnologies GmbH, Tübingen, Germany
2006-2007	Postdoctoral Fellow, University of Southern Denmark, Center of Experimental Bioinformatics, Odense, Denmark (Laboratory of Prof. Dr. M. Mann)
2008	Postdoctoral Fellow, University of Southern Denmark, Center of Experimental Bioinformatics, Odense, Denmark (Laboratory of Prof. Dr. J.S. Andersen)
2008-present	FRIAS Junior Fellow, Freiburg Institute for Advanced Studies-LIFENET, University of Freiburg, Freiburg, Germany

Honors, Awards, and Scholarships

2002	Doctoral scholarship of the German Research Foundation (GRK784: Cellular mechanisms of immune-associated processes)
2002-2004	Associated member of the doctoral program "Cellular mechanisms of immune-associated processes"; speaker from October 2003 - October 2004
2002-2004	Doctoral scholarship of the German Merit Foundation
2004-2005	e-fellows.net scholar; online career network scholarship
2006-2008	EMBO long-term fellow
Since 2008	FRIAS Junior Fellow

10 selected publications:

Sprenger, A., Küttner, V., Biniossek, M.L., Gretzmeier, C., Boerries, M., Mack, C., Has, C., Bruckner-Tuderman, L., and **Dengjel, J.** Comparative quantitation of proteome alterations induced by aging or immortalization in primary human fibroblasts and keratinocytes for clinical applications. *Mol BioSyst*, 2009, DOI:10.1039/C003962D

Gannagé, M., Schmid, D., Albrecht, R., **Dengjel, J.**, Lee, M., Strowig, T., Arrey, F., Conenello, G., Pypaert, M., Andersen, J., Palese, P., Garcia-Sastre, A., and Münz, C., Matrix protein 2 of influenza A virus blocks autophagosome fusion with lysosomes to accelerate apoptotic cell death, *Cell Host & Microbe* 2009, 6:367-80.

Dengjel, J., Kratchmarova, I., Blagoev, B., Receptor tyrosine kinase signaling: a view from quantitative proteomics, *Mol Biosyst*, 2009, 5:1112-21.

Feuchtinger, M., Christ, S., Preuß, B., **Dengjel, J.**, Duman, S., Stevanovic, S., Klein, R., Detection of novel non-M2-related antimitochondrial antibodies in patients with anti-M2 negative primary biliary cirrhosis, *Gut*, 2009, 58:983-9.

Kristensen, A.R., Gade, S., Hoyer-Hansen, M., Jaattela, M., **Dengjel, J.***, Andersen, J.S.*, Ordered organelle degradation during starvation-induced autophagy. *Mol Cell Proteomics*, 2008, 7:2419-28.

Wahlström, J., **Dengjel, J.**, Persson, B., Duyar, H., Rammensee, H.G., Stevanovic, S., Eklund, A., Weissert, R., and Grunewald, J., Identification of HLA-DR-bound peptides presented by human bronchoalveolar lavage cells in sarcoidosis. *J Clin Invest*. 2007, 117:3576-82

Dengjel, J.*, Akimov, V.*, Olsen, J.V., Bunkenborg, J., Mann, M., Blagoev, B., and Andersen, J.S., Quantitative proteomic assessment of very early cellular signaling events. *Nat Biotechnol*. 2007, 25:566-8.

Dengjel, J.*, Nastke, M.D.*, Gouttefangeas, C., Gitsioudis, G., Schoor, O., Altenberend, F., Muller, M., Kramer, B., Missiou, A., Sauter, M., Hennenlotter, J., Wernet, D., Stenzl, A., Rammensee, H.G., Klingel, K., and Stevanovic, S., Unexpected abundance of HLA class II presented peptides in primary renal cell carcinomas. *Clin Cancer Res*. 2006, 12:4163-70

Dengjel, J.*, Schoor, O.*, Fischer, R., Reich, M., Kraus, M., Müller, M., Kreymborg, K., Altenberend, F., Brandenburg, J., Kalbacher, H., Brock, R., Driessen, C., Rammensee, H.G., and Stevanovic, S., Autophagy promotes MHC class II presentation of peptides from intracellular source proteins. *PNAS*, 2005, 102:7922-7

Dengjel, J., Rammensee, H.G., and Stevanovic, S., Glycan side chains on naturally presented MHC class II ligands. *J. Mass Spectrom*. 2005, 40:100-4

*: These authors contributed equally to the work.