



J. Rademann

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*: “Selective Identification of Cooperatively Binding Fragments in a High-Throughput Ligation Assay Enables Development of a Picomolar Caspase-3 Inhibitor”: M. F. Schmidt, A. El-Dahshan, S. Keller, J. Rademann, *Angew. Chem.* **2009**, *121*, 6464–6467; *Angew. Chem Int. Ed.* **2009**, *48*, 6346–6349.

Jörg Rademann

Date of birth:	June 12th, 1967
Position:	Professor of Medicinal Chemistry, Leibniz Institute of Molecular Pharmacology and Free University, Berlin (Germany)
Education:	1988–1993 Studies in chemistry, biochemistry, and economics at the University Konstanz (Germany) and Rutgers Graduate School (USA) 1994 Diplom Chemiker, “Synthesis of O-linked Glycopeptides”, University Konstanz 1994–1997 PhD with Prof. R. R. Schmidt, “Solid-Phase Synthesis of Oligosaccharides”, University Konstanz 1997–1999 Postdoctoral fellow, Carlsberg Laboratory, Copenhagen (Denmark) 2000–2004 DFG Group Leader on “Diversity-Oriented Synthesis and Solid Phase Technology”, Eberhard-Karls University Tübingen (Germany)
Professional associations:	Joint Section Chemical Biology of Dechema, GDCh, DPhG, and GBM (chairman)
Awards:	2009 Call on the Medicinal Chemistry chair of Leipzig University 2002 Innovation Award Medicinal Chemistry of the Gesellschaft Deutscher Chemiker and the Deutsche Pharmazeutische Gesellschaft and Thieme Journal Award, 2006 Research Award in Bronze of the Fonds der Chemischen Industrie (FCI)
Current research interests:	Chemical and biochemical methodology to discover and develop small molecules as chemical tools in biological systems with a current focus on the exploitation of template-assisted reactions for the sensitive detection of binding fragments
Hobbies:	One wife and three energetic boys

The secret of being a successful scientist is ... a good mixture of imagination and hard work.

My biggest inspiration is ... looking at art or doing nothing.

My favorite subject at school was ... philosophy.

When I was ten I wanted to be ... an ornithologist following publication of my first bird-watching report.

When I wake up I ... microwave a bottle of milk for my youngest.

I chose chemistry as a career because ... I was and still am fascinated by the invisible that constitutes us.

If I wasn't a scientist, I would be ... a wheat and rapeseed (canola) farmer in Northern Germany.

My most exciting discovery to date has been ... dynamic ligation screening, a method for template-assisted fragment discovery.

The most exciting thing about my research is ... to discover simple solutions to complex problems.

My biggest motivation is ... to establish new routes to regulate living systems.

In my spare time I ... read Harry Potter, go horseback riding, or enthusiastically but awfully play tennis.

The part of my job which I enjoy the most is ... being inspired by a student, colleague, or friend.

My 5 top papers:

1. “Sensitized Detection of Inhibitory Fragments and Iterative Development of Non-Peptidic Protease Inhibitors by Dynamic Ligation Screening”: M. F. Schmidt, A. Isidro-Llobet, M. Lisurek, A. El-Dahshan, J. Tan, R. Hilgenfeld, J. Rademann, *Angew. Chem.* **2008**, *120*, 3319–3323; *Angew. Chem. Int. Ed.* **2008**, *47*, 3275–3278.
2. “A Phosphorane as Supported Acylanion Equivalent: Linker Reagents for Smooth and Versatile C–C Coupling Reactions”: S. Weik, J. Rademann, *Angew. Chem.* **2003**, *115*, 2595–2598; *Angew. Chem. Int. Ed.* **2003**, *42*, 2491–2494.
3. “Metal-Free, Regioselective Triazole Ligations that Deliver Locked *cis* Peptide Mimetics”: Ahsanullah, P. Schmieder, R. Kühne, J. Rademann, *Angew. Chem.* **2009**, *121*, 5143–5147; *Angew. Chem. Int. Ed.* **2009**, *48*, 5042–5045.
4. “Hydrophobically Assisted Switching Phase Synthesis: The Flexible Combination of Solid-Phase and Solution-Phase Reactions Employed for Oligosaccharide Preparation”: J. Bauer, J. Rademann *J. Am. Chem. Soc.* **2005**, *127*, 7296–7297.
5. “Reversible Cross-Linking of Hyperbranched Polymers: A Strategy for the Combinatorial Decoration of Multivalent Scaffolds”: M. Barth, R. Fischer, R. Brock, J. Rademann, *Angew. Chem.* **2005**, *117*, 1584–1588; *Angew. Chem. Int. Ed.* **2005**, *44*, 1560–1563.

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