

## CURRICULUM VITAE (max. 1 page)



**Name, Institute** Prof. Dr. Marc Stadler  
**Expertise** Mycology, Natural Product Chemistry, Microbiology

### Career

Since 2012 Head of Research Department "Microbial Drugs")  
HZI (Helmholtz Centre for Infection Research, Braunschweig, Germany),  
2006-2012 InterMed Discovery GmbH, Dortmund, Germany (IMD)  
Co-founder & Director of Fermentation/Microbiology  
2003-2012 Lecturer, Univ. Bayreuth, Dept. Mycology, DNA Analytics and Ecoinformatics  
(Habilitation and *venia legendi* for Mycology 2009)  
2003-2006 Bayer HealthCare AG, Wuppertal (Dept. Enabling Technologies)  
Principal Research Scientist, Natural Product Research Division  
1995-2003 Bayer AG, Wuppertal, Germany (Pharma Division, Natural Products Research)  
Head of Natural Product Chemistry/Microbiology laboratory  
1994-1995 Postdoc, Univ. Lund/Sweden, Dept. Organic Chemistry 2/Natural Product Chemistry

### Awards

1987 Studentship, Studienstiftung des deutschen Volkes (German National Scholarship Foundation)  
1991 PhD Scholarship, Studienstiftung des deutschen Volkes  
1994 DFG Postdoc grant

### Further relevant activities

- Member of the Editorial Boards of *Studies in Mycology*, *Fungal Diversity*, *Fungal Biology*, and further international mycological journals.
- Member of several international mycological societies, including BMB, MSA, MSJ; Current German (DGfM) delegate of the International Mycological Association.
- Co-Founder and shareholder of InterMed Discovery GmbH, Dortmund, Germany.
- Co-organizer, co-ordinator or WG leader in several national and international research projects aiming at the biotechnological exploitation of fungi and bacteria and their secondary metabolites (COST, EU-FP7, BMBF).

### Selected publications (in total >130 original papers, reviews and book chapters and 15 patent applications)

- **Stadler, M** (2011) Importance of secondary metabolites in the Xylariaceae as parameters for assessment of their taxonomy, phylogeny, and functional biodiversity. *Current Research in Environmental & Applied Mycology*, **1**: 75-133. (Review based on Habilitation Thesis, see [http://creamjournal.org/PDFs/CR\\_1\\_1\\_No4.pdf](http://creamjournal.org/PDFs/CR_1_1_No4.pdf))
- Rachid S, Huo L, Herrmann J, **Stadler M**, Köpcke B, Bitzer J, Müller R (2011) Mining the cinnabaramide biosynthetic pathway to generate novel proteasome inhibitors. *ChemBioChem*, **12**, 922-931.
- Engels B, Heinig U, Grothe T, **Stadler M**, Jennewein S (2011) Cloning and characterization of an *Armillaria gallica* cDNA encoding protoilludene synthase, which catalyzes the first committed step in the synthesis of antimicrobial melleolides. *J. Biol. Chem.*, **286**, 6871-6878.
- Fournier J, Flessa F, Peršoh D, **Stadler M** (2011) Three new *Xylaria* species from Southwestern Europe. *Mycol. Progr.*, **10**, 33-52.
- Garcia R, Pistorius D, **Stadler M**, Müller R (2011) Chemo-phylogeny of myxobacteria as an approach to discover polyunsaturated Omega-3/6 fatty acids. *J. Bacteriology*, **19**, 1930-1942.