

## Curriculum Vitae: Prof. Dr. Rainer Helmut Müller



Nationality: German  
Present position: Professor of Pharmaceutics (PhD, German DSC)

### Scientific Career:

1974-78 studies of pharmacy, University of Kiel, Germany  
1979-83 PhD thesis in Pharmaceutics at the Department of Pharmacy, Kiel University, North Germany  
1984-88 Freelance Scientist at the Pharmacy Department, The University of Nottingham, Department of Pharmaceutics (Prof. S. S. Davis).  
1988/89 Freelance Senior Scientist at the University of Paris South for one year, Centre d'Etudes Pharmaceutiques, Laboratory of Prof. P. Couvreur and Prof. F. Puisieux,  
July 1989 German DSC awarded at Kiel University, West Germany  
since April 1991 Professor of Pharmaceutics at the Free University of Berlin

### Editorial activities:

- Member of advisory boards: Eur. J. Pharm. Biopharm.; Eur. J. Pharm. Sci.; Die Pharmazie, Marmara Pharmaceutical Journal
- Editor-in-Chief (2000-2003): NewDrugs (new journal for Pharmaceutical Biotechnology published by the Vogel Medien Gruppe Munich/Germany)
- Editor of textbook in pharmaceutical technology & biopharmaceutics: "Pharmazeutische Technologie: Moderne Arzneiformen" (Modern Drug Delivery Systems) translated into Polish, Slovakian, Czech and Chinese language
- Editor of textbook in Pharmaceutical Biotechnology: "Pharmazeutische Biotechnologie" (Pharmaceutical Biotechnology) Polish translation also published

### Positions held:

- Managing Director of the Pharmacy Department, Free University of Berlin (until Oct. 1994)
- Dean of the Faculty of Pharmacy (1997/98)
- President of the European Association of Pharma Biotechnology (EAPB) 2000-2004  
EAPB was founded in April 2000, details: [www.eapb.de](http://www.eapb.de)
- Since 2004: General Secretary of EAPB

### Publications:

Patents/Patent applications: 21  
Books: 20  
Book chapters: 73  
Research articles: 387  
Multiple page proceedings: 354

### Main research areas:

Formulations of poorly soluble drugs using lipid nanoparticles (SLN, NLC) and drug nanocrystals.  
Intravenous drug targeting using the concept of differential protein adsorption.

### **Awards and honours:**

May 1987	Research Award 1987 of the International Pharmaceutical Association (APV) for “Advances in the characterisation and production of colloidal drug carriers”, awarded at the Annual Meeting 1987 in Münster, Germany
July 1995	Young Investigator Research Achievement Award of the Controlled Release Society, awarded at the Annual Meeting 1995 in Seattle, USA
November 1997	PHOENIX Science Award of Pharmacy, Company PHOENIX, Germany
June 1998	“1 <sup>st</sup> Pharma Technology Award“ of the German Association of Pharmaceutical Industry” (Bundesverband der Pharmazeutischen Industrie – BPI)
July 2000	Eurand Honourable Mention for SLN technology, Annual Congress of Controlled Release Society (CRS), Paris
July 2001	Eurand Award for „Carrier Achievements in Drug Delivery“, Annual Congress of Controlled Release Society in San Diego
May 2004	“Science Oscar” of BSB company/Germany for the most innovative development in cosmetic excipient technology (lipid nanoparticle concept)
April 2005	“Science Oscar” of BSB company/Germany for the best scientific seminar concerning lipid nanoparticles
March 2006	“Innovation Award” by BSB company/Germany, category: “Most innovative cosmetic product of the year”
November 2006	Nomination for the “Innovation Award Berlin-Brandenburg” of the city of Berlin (Innovationspreis Berlin-Brandenburg)
December 2006	“2 <sup>nd</sup> Pharma Technology Award” of the German Pharmaceutical Industry Organisation (2. Preis für Pharma-Technik, Bundesverband der Pharmazeutischen Industrie)
January 2007	„Science Transfer Award“ (Transferpreis „Wissenswert“, TSB-Technology Foundation Berlin (TSB Technologiestiftung Berlin)
December 2008	Innovation Award of the Counties of Berlin and Brandenburg (Innovationspreis Berlin-Brandenburg 2008) for invention and commercialisation of “Nanodiamants”