

# Marcel Mayor

## Affiliations and Addresses

Prof. Dr. Marcel Mayor

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## Education

1986 - 1991 Studies of Chemistry (diploma) at the University of Berne (Switzerland)  
1995 Dissertation (Ph.D.) at the University of Berne (Switzerland)  
2002 Habilitation (H.D.R) at the Université Louis Pasteur in Strasbourg (France)

## Professional Positions

1995 - 1996 Postdoc fellow of the Swiss National Science Foundation (Prof. J.-M. Lehn) at the Université Louis Pasteur in Strasbourg (France)  
1996 - 1997 Research Associate at the Université Louis Pasteur in Strasbourg (France)  
1997 - 1998 Maître de Conférence invité at the Collège de France in Paris (France)  
1998 - 1999 Research Associate at the Institute for Nanotechnology at the Forschungszentrum Karlsruhe GmbH, Karlsruhe (Germany)  
since 1999 Manager of the study group "Synthetic Chemistry" of the Institute for Nanotechnology at the Forschungszentrum Karlsruhe GmbH, Karlsruhe (Germany)  
since 2005 Associate Professor of Chemistry at the University of Basel (Switzerland)

## Distinctions, Honors and Awards

2000 Awardee of the support program for excellent scientific/technical staff of the Forschungszentrum Karlsruhe GmbH, Karlsruhe (Germany)  
2004 Erwin Schrödinger Award of the Helmholtz Foundation and of the Stifterverband für die Deutsche Wissenschaft

## Scholarships and Fellowships

1991 PhD supported by the Verband der Chemischen Industrie  
1995 Post doc fellowship of the Swiss National Science Foundation

## Publications

Over 50 Research Papers, 2 Book Chapters, 2 Patents, 8 Proceedings Papers & Others Invited Lectures and Addresses  
> 100 Invited Talks and Department Seminars

## Research Interests

- Molecular electronics
- New functions emerging from order
- Design and synthesis of molecular nano-objects
- Self-assembly of nano-objects
- Functional materials
- New functions emerging from order
- Molecule based structuring and surface functionalization

## Others

Marcel Mayor and his research groups are currently actively involved in several national and international collaboration programs (CFN-DFG, FUNMOL, Volkswagen Foundation, ESF-Euro-Quasar, MAECENAS, NCCR Nanoscience, SNF-KTI). Furthermore, the group at the University of Basel cooperates with the IBM research laboratory in Rüschlikon (Switzerland) and the SONY materials lab in Stuttgart (Germany). Furthermore, the group participates at the Swiss Nanoscience Institute (SNI). Marcel Mayor is a founding member of the DFG research center for functional materials (CFN) in Karlsruhe (Germany).