

## Curriculum Vitae

<b>Name</b>	<b>Prof. Dr. Dr. h.c. mult. Gerhard Bringmann</b>
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### Career

1970-75	Study of Chemistry and Biology at the Universities of Gießen and Münster
1975-78	PhD with Prof. Dr. B. Franck, Institute of Organic Chemistry, Münster
1978-79	Post-Doc with Prof. Sir D.H.R. Barton at the Institut de Chimie des Substances Naturelles of the C.N.R.S. in Gif-sur-Yvette, Paris, France
1984	Habilitation, <i>Venia legendi</i> for Organic Chemistry, University of Münster
1986/87	Chairs offered from the Universities of Vienna and Würzburg
1987-2017	Professor (Chair I), Institute of Organic Chemistry, University of Würzburg
1998	Director position offered at the Leibniz Institute for Plant Biochemistry in Halle (declined)
since 2016	Senior Professor, Institute of Organic Chemistry, University of Würzburg

### Selected awards and honors

- 1999: Prize for Good Teaching, Free State of Bavaria
- 2000: Eli Lilly Research Laboratories Lecturer
- 2000: JSPS Invitation Fellowship for Research in Japan
- 2006: Adolf-Windaus Lecture and Medal
- 2006: *Doctor honoris causa*, Université de Kinshasa (DR Congo)
- 2007: Paul-J.-Scheuer Award for Marine Biotechnology
- 2008: Honorary Guest Professor, Peking University, Beijing (People's Republic of China)
- 2012: *Doctor honoris causa*, Université Catholique du Gabon (DR Congo)
- 2012: Member of the European Academy of Sciences and Arts
- 2012: *Médaille du Mérite Civique 1ère Classe* (Civic Medal First Class) of the Congolese People in Gold
- 2012: *Doctor honoris causa*, Université Officielle de Ruwenzori (DR Congo)
- 2012: Honorary Professor, Jinan University, Guangzhou (People's Republic of China)
- 2013: Fellow of the African Academy of Sciences
- 2014: Gusi Peace Prize
- 2015: *Doctor honoris causa*, Université Libre des Pays des Grands Lacs (DR Congo)
- 2016: *Diplôme de Mérite* for Science and Education in the Congo (Association Culturelle Nande, DR Congo)
- 2016: *Diplôme de Reconnaissance de Coopération*, Université de Lubumbashi (DR Congo)
- 2018: Extraordinary Professor, University of Pretoria (South Africa)
- 2019: Medal *Bene Merenti* in Gold of the University of Würzburg
- 2020: Order of Merit on Ribbon of the Federal Republic of Germany (Bundesverdienstkreuz am Bande)
- 2020: *Doctor honoris causa*, Université Officielle de Bukavu (DR Congo)
- 2020: Honorary Member of the DRC Young Academy of Science (ASJ-RDC)
- 2021: *Doctor honoris causa*, Université Officielle de Mbuji-Mayi (DR Congo)

### Fields of research

Organic chemistry, natural products chemistry, with analytical, synthetic, computational, and medicinal facets: Isolation, structural elucidation, total synthesis, biosynthesis, and pharmaceutical development of anti-infective and anti-tumoral agents from nature; hyphenated techniques like HPLC-MS/MS-NMR-ECD in combination with quantum-chemical ECD calculations; axially chiral biaryls; naphthylisoquinoline alkaloids; chiral porphyrins; materials inspired from nature

### Achievements

- **Group leader / coordinator**
  - 2003-2015: **Speaker and coordinator** of the Collaborative Research Centre SFB 630 "Recognition, Preparation, and Functional Analysis of Agents against Infectious Diseases"

- 2010-2013: **Coordinator** of the project "Re-installment of Excellence at the University of Kinshasa: Support for the bachelor's program" (foundation *Else-Kröner-Fresenius-Stiftung*)
- 2011-2014: **Coordinator** of the project "Re-installment of Excellence at the University of Kinshasa: Support for the master's program" (*Else-Kröner-Fresenius-Stiftung*)
- 2012-2015: **Coordinator** of the project "The Scholarship System BEBUC, a Unique Concept for the Sustainable Re-installment of Excellence at Congolese Universities" (*Else-Kröner-Fresenius-Stiftung*)
- 2015-2018: **Coordinator** of the project "A New Generation of Excellent Professors for the Congo: The Scholarship Program BEBUC" (*Else-Kröner-Fresenius-Stiftung*)
- since 2018: **Coordinator** of the project "The BEBUC Scholarship Program: a New Perspective for the Congolese Educational System" (*Else-Kröner-Fresenius-Stiftung*)
- **Project leader in further networks - a selection**
  - 2004-2012: Sonderforschungsbereich (Collaborative Research Centre) SFB 567 "Mechanism of Interspecific Interactions of Organisms"
  - 2009-2018: Klinische Forschergruppe (Clinical Research Unit) KFO 216 "Characterization of the Oncogenic Signaling Network in Multiple Myeloma: Development of Targeted Therapies"
- **Decisional member of national and international institutions**
  - 2009-2014: Vice Chairman of the DECHEMA Committee "Low-Molecular Bioactive Compounds"
  - 2002-2014: Chairman of the Program Committee of the Annual Irsee Natural Products Meetings ("Irseer Naturstofftage")
  - 2011-2018: International Scientific Committee of Conferences on Chiroptical Spectroscopy
  - Work and Membership in University Committees (a selection):  
Standing Committee of the University for Strategic Plannings (1991-2013)  
University Senate (2001-2004, and 2009-2015; 2011-2013: Vice Chairman; 2013-2015: Chairman)  
University Council (2009-2015; 2013-2015 Vice Chairman)  
Dean/Vice-Dean of the Faculty (2000-2004)
- **Empowerment: design and initiation of structures**
  - since 1991: Initiator of the Mini-Symposia "Natural Products: Chemistry, Biology, and Ecology" for PhD students, twice per year, involving the Universities of Bayreuth, Jena, Leipzig, Dresden, and Munich, the Leibniz Institutes for Plant Biochemistry in Halle and for Natural Product Research and Infection Biology (HKI) in Jena, and the Max-Planck Institute for Chemical Ecology in Jena (58 meetings so far)
  - 2006-2009: Initiator and Founding Speaker of the '*Africa Circle at the University of Würzburg*', with scientists from all ten faculties (today '*Forum Afrikazentrum*'; 2015-2019: Member of the Panel)
  - Initiator of scientific partnership programs and university cooperations with the Université de Kinshasa (2003), with the University of Nairobi (2009) and Pretoria (2018), and with 15 further universities, eight high-schools, and two primary schools in the Congo (since 2010)
  - since 2008: Initiator and Head of an Excellence Scholarship Program (BEBUC) in the Congo (presently 195 scholars!)
  - since 2009: Foundation President of the NGO "Support for the University of Kinshasa" ("Förderverein Uni Kinshasa e.V.", [www.foerderverein-uni-kinshasa.de](http://www.foerderverein-uni-kinshasa.de))
  - 2014-2018: Founding Panel Member of the Bavarian Research Institute of African Studies (BRIAS)
- **Expertise in analytical, synthetic, computational, and medicinal chemistry**  
(over 750 publications and patents)

Würzburg, April 29, 2021

G. Bringmann