

Curriculum Vitae

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Full list of Publications: <https://bit.ly/2LVGfZ1>

Research achievements in numbers

- ~630 papers in peer-reviewed journals, (~32.000 citations, **H-index 88** (Scopus)), 16 invited reviews, 50 book chapters, 40 patents
- 45 invited talks at national and international conferences or institutions
- 19 research grants as PI (total fundings ~10,2 Mio) since 2000
- Awards: Heinz Maier-Leibnitz-Preis, among others

Main areas of research

Bioinorganic chemistry, coordination chemistry, development of novel anticancer drugs, development of coordination compounds with biological activity, and environmental Chemistry. Development of tumor inhibiting metal complexes from basic synthesis via activity, mode of action and toxicology studies to clinical development. So far, three first-in-class antitumor drugs based on titanium, gallium and ruthenium reached clinical studies; the ruthenium compounds Bold-100 (KP1339) is currently in Phase II clinical studies in USA, Canada, Ireland and South Korea.

Academic milestones and positions held to date

2020 –	Member Scientific Advisory Board <i>Leibniz Institute for Food Systems Biology</i> , Technical University of Munich
2015 – 2022	Deputy Head of the Research Network <i>Chemistry meets Microbiology</i> , since 2019 <i>Chemistry, Microbiology and Environmental Systems Science</i>
2008 – 2024	Dean of the Faculty of Chemistry of the University of Vienna
2008 –	Head of the Research Platform, since 2017 Inter-University Research Cluster, <i>Translational Cancer Therapy Research</i>
2007 –	Head of <i>Verband der Professorinnen und Professoren der österreichischen Universitäten</i>
2002 – 2008	Vice-Dean of the Faculty of Chemistry of the University of Vienna
2001	Offered a Chair for Inorganic Chemistry at the University of Jena, declined in 2002
1996 – 2024	Head of the Institute of Inorganic Chemistry
1995 –	Chair for Inorganic Chemistry at the University of Vienna
1990	Habilitation and <i>venia legendi</i> in Inorganic Chemistry at the University of Heidelberg
1986	Ph.D. in Medicine (Dr. med.) German Cancer Research Centre Heidelberg
1984	License to practice medicine (approbation)
1981	Ph.D. in Chemistry (Dr.rer.nat.) University of Heidelberg

Research achievements (Ten most important)

- Development of the ruthenium compound IT-139 (KP1339) from synthesis to clinical studies, including patent applications. (Orphan drug designation for pancreatic cancer since 2017.)
- Development of the gallium compound AP-002 (KP46) from synthesis to clinical studies, including patent applications.
- FFG project *Development of novel antineoplastic drugs* (Strategisches Exzellenz Leitprojekt (SELP), 2005–2009, € 3.000.000, role: PI)
- Vice-president of the *Central European Society for Anticancer Drug Research (CESAR)* (1999 – 2005)
- President of the 13th International Conference on Biological Inorganic Chemistry (ICBIC13) 2007 (Vienna, Austria)
- Lecture within the Ernst-Abbe-Kolloquium, Jena, Germany, 19.10.2016 (*Metalle in der Medizin – neue Möglichkeiten in der Krebstherapie / Metals in medicine – new possibilities in cancer therapy.*)
- Wiberg Lecture LMU Munich, Germany, 9.07.2009 (*Die Rolle der Koordinationschemie in der modernen Medizin am Beispiel neuer Krebstherapeutika / The role of coordination chemistry in modern medicine exemplified by new anticancer drugs.*)
- Invitation for plenary lecture EUROBIC 13 (2016, Budapest, Hungary) and ICBIC 19 (2019, Interlaken, Switzerland)
- Heinz-Maier-Leibnitz-Prize of the German Federal Ministry of Education and Research (1991)
- Member of the *Akademie gemeinnütziger Wissenschaften zu Erfurt* (Erfurt, Germany)