



CURRICULUM VITAE

Markus Wolperdinger, PhD

Director of Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB

PERSONAL INFORMATION

Date of birth	May 6, 1963
Address	Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB Nobelstr. 12 70569 Stuttgart Germany Phone +49 711 970-4410 markus.wolperdinger@igb.fraunhofer.de

PROFESSIONAL CAREER

Since 03/2018	Director , Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB – Stuttgart
01/2018 – 02/2018	Advisor and design. Director , Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB – Stuttgart
12/2012 – 12/2017	Vice President Biotechnology Plants and Senior Manager Public Funding , Linde AG, Engineering Division & Linde Gas – Dresden, Pullach
01/2011 – 12/2012	Head of Business Development Biotechnology Plants , Linde Engineering Dresden GmbH – Dresden
07/2006 – 12/2010	Head of Relocation and Strategy Industrial Biotechnology , InfraLeuna GmbH – Leuna
11/2000 – 06/2006	Managing Director , Munich Innovative Biomaterials GmbH – Marburg, Leuna
11/1998 – 10/2000	Director of Product Development , Innovative Lasers Corporation – Tucson, USA
06/1995 – 10/1998	Senior Research Scientist , Innovative Lasers Corporation – Tucson, USA
10/1991 – 05/1995	Research Scientist , Ludwig-Maximilians-Universität, Institute for Physical Chemistry – Munich
09/1979 – 05/1982	State Certified Laboratory Technician (Chemistry) , Wacker Chemie – Munich

ACADEMIC DEGREES

03/1995	PhD (Dr. rer. nat.), Ludwig-Maximilians-Universität – Munich
07/1991	Master Degree (Diplomchemiker), Ludwig-Maximilians-Universität – Munich

EDUCATION

1991 – 1995	PhD Thesis , Physical Chemistry, Ludwig-Maximilians-University – Munich
1985 – 1991	BS and MS Chemistry , Ludwig-Maximilians-University – Munich
1984 – 1985	Military Service
1982 – 1984	College (Abitur)
1979 – 1982	Apprenticeship for State Certified Laboratory Technician (Chemistry)
1969 – 1979	School education

BOARDS AND COMMITTEES

2019	Expert discussion Federal Ministry for Economic Affairs and Energy (BMW) - 2nd Workshop Dialogue Platform "Industrial Bioeconomics" with the Federal Minister Peter Altmaier and the Federal Minister Anja Karliczek, September 30, 2019, Berlin
2019	Jury member for the Environmental Technology Award of the state of Baden-Württemberg 2019
Since 2018	One of three coordinators of the Key Strategic Initiatives (KSI) "Biological Transformation" for the thematic area "Bioeconomy" appointed by the Executive Board of the Fraunhofer-Gesellschaft
2018	Expert discussion on the Bio-Agenda "Von der Biologie zur Innovation", presentation "Biobasierte Verfahren" at the Federal Ministry of Education and Research (BMBWF), Berlin (invitation by Federal Minister Anja Karliczek and Federal Minister Peter Altmaier)
2018	Expert for the Innovation Award of the state of Nordrhein-Westfalen 2019
Since 2017	Member of the joint working committee "Bioökonomie" of ProcessNet and the advisory board of DECHEMA working committee "Biotechnologie nachwachsender Rohstoffe"
2017	Member of the commission of the Federal Ministry of Education and Research (BMBWF) "Bioeconomy – a transformation process. Where does the industry stand?"
2017	Member of the Linde AG evaluation team for the 6. Sibur "International Ideas Awards"
2016	Member of the commission of the Federal Ministry of Education and Research (BMBWF) for the evaluation of the strategic alliance "prot P.S.I. – Protein Pressure Stability Impact: Verständnis und Nutzung der kritischen Stabilitätsgrenze von Proteinen unter Druck in der Feinchemie und Lebensmittelindustrie"
2016	Member of the commission of the Federal Ministry of Education and Research (BMBWF) for the evaluation of the program "Zukunftsperspektiven der Bioökonomie, Validierung der Schlussfolgerungen der Evaluierung der NFSB und Empfehlung für künftige Perspektiven"
2016	Member of the evaluation committee of the Linde AG "Global Innovation Challenge 2016"

2015 – 2016	Member of the industrial advisory group of the “AERTO Bio-based Economy Project”, EARTOs – European Association of Research and Technology Organizations
2014	Member of the evaluation committee for the Fraunhofer Center for Chemical-Biotechnological Processes CBP in Leuna
2012 – 2018	Member of the advisory board of the Fraunhofer Center for Chemical-Biotechnological Processes CBP in Leuna
2012 – 2018	Founding board member of BioEconomy e.V. for the strategy implementation of the German “Spitzencluster BioEconomy”, a national Spitzencluster of the Federal Ministry of Education and Research (BMBF)
2012 – 2015	Member of the committee “INRO – Initiative Nachhaltige Rohstoffbereitstellung für die stoffliche Biomassenutzung”, of the former Federal Ministry of Food and Agriculture and Consumer Protection (BMELV)
2012 – 2013	Member of “ABIOM – Advanced Biofuels Working Group der European Biomass Association”
2011 – 2018	Member and chairman (since 2014) of the board of trustees of the Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB in Stuttgart
2010 – 2012	Member of the 4-person application team for the German “Spitzencluster BioEconomy” within the 3rd Spitzenclusterwettbewerb of the Federal Ministry of Education and Research (BMBF)
2010	Member of the advisory committee “Biomass Masterplan Mitteldeutschland” of the Ministry of Agriculture and Environment of Sachsen-Anhalt.
2010	Member of the advisory committee of the “EU-RRM Group for bio-based products”
Since 2009	Member of the ProcessNet working group “Renewable resources for the chemical industry”
2009 – 2011	Member of the Clusterboard “Biotechnologie Mitteldeutschland”
Since 2007	Expert, advisor and coach for the Science4Life Business Plan Venture Cup
2006 – 2010	Member of the SusChem-D working group Energy
2005 – 2007	Representative of InfraLeuna GmbH in the industry association “Bio Mitteldeutschland GmbH”