



Curriculum Vitae

Personal Information

Name: Michael Oellerich, Prof. Dr.med. Dr.h.c.
Date and place of birth: July 15, 1944, Heidelberg, Germany
Marital Status: Married, three children

Academic Degrees

Dr.med.(MD), University Heidelberg, 1970
Habilitation, Medizinische Hochschule Hannover, 1978
Dr.h.c. (BNAM Sofia), 1998

License and Board Certifications

License to practise medicine 1972
Interim ECFMG Certificate 1972
Clinical Chemist (Klinischer Chemiker) 1978
Chemical Pathologist (Facharzt für Laboratoriumsmedizin) 1979

Fellowships

Honorary Fellowship of the Faculty of Pathology of the Royal College of Physicians of Ireland (FFPath (RCPI)), 2006

Fellowship of the Royal College of Pathologists (FRCPath), 2006

Fellowship of the AACC Academy (FAACC) of the American Association for Clinical Chemistry, 2012

Fellowship of the Academy of Medicine of Malaysia (FAMM), 2014

Military

1964-1965 Military service Marburg / Munich

1980-2004 Major (reserve), medical corps, German Federal Armed Forces

Professional Training

1971-1972 Internship University Heidelberg

1972-1973 Resident Institute for Clinical Chemistry,
Medizinische Hochschule Hannover

1973-1975 Resident Dept. Internal Medicine, University
Düsseldorf

1975-1979 Resident Institute for Clinical Chemistry,
Medizinische Hochschule Hannover

1979-1982 Assistant medical director, Institute for Clinical
Chemistry, Medizinische Hochschule Hannover

Academic Appointments

1982-1991 Associate Professor of Clinical Chemistry,
Deputy Chairman of Institute for Clinical
Chemistry,
Medizinische Hochschule Hannover

1991-2012 Professor of Clinical Chemistry,
Director of Dept. of Clinical Chemistry and the
Central Laboratory,
University Medicine, George-August-University
Göttingen

1996-1998	Dean Faculty of Medicine, University Medicine, George-August-University Göttingen
1998-1999	Vice Dean Faculty of Medicine, University Medicine, George-August-University Göttingen
1999-2004	Deputy of Chief Executive for Research and Teaching on the Executive Board for the Medical Center and Faculty of Medicine, University Medicine, George-August-University Göttingen
2012-2017	Lower Saxony Distinguished Professor, Department of Clinical Pharmacology, University Medicine, George-August-University Göttingen
2017-	Distinguished Research Professor, Department of Clinical Pharmacology, University Medicine, George-August-University Göttingen

Awards

Ludolf-Krehl Award, S.W. German Soc. for Internal Medicine 1971.

IATDMCT Award in recognition of exceptional contributions to the implementation of the goals of the society, Cairns 1999.

IATDMCT Charles Pippenger Award for Outstanding Contributions to Therapeutic Drug Monitoring, Washington 2001.

Canadian Society of Clinical Chemists (CSCC) Travelling Lectureship Award 2002.

Professor-Landbeck-Award 2004, Society for Thrombosis and Hemostasis Research, Hamburg 2004.

Perth PathCentre Visiting Lectureship, Western Australia, 2004.

Medal of Honor in recognition of his role in increasing membership, communication, organization and the global recognition of WASPaLM throughout the world as president of the World Association of Societies of Pathology and Laboratory Medicine, Las Vegas, 2011.

WASPaLM Gold Headed Cane, Quebec City, 2013.

Sign of Honor, Professor Jordan Todoroff, for outstanding professional and scientific contributions for the development of the Bulgarian clinical laboratory, Bulgarian Society of Clinical Laboratory (BSCL), Sofia, 2019

John F. McCreary Prize for Interprofessional Teamwork, Genome Canada Transplant Consortium, University of British Columbia, UBC Health, Vancouver (Canada) 2022.

Claus Roxin Award for Outstanding Contributions to International Liberal Academic Exchange, Munich 2023.

Professional Society Memberships and Activities

1984-1989	DFG Senate Commission for Clinical Toxicol. Analysis
1984-1986	Executive Board German Society for Clinical Chemistry
1995	Chairman, 4th International Congress of Therapeutic Drug Monitoring and Clinical Toxicology, Vienna
1995-1997	President-Elect, International Association of Therapeutic Drug Monitoring and Clinical Toxicology
1998	Member of the Bulgarian National Academy of Medicine, Sofia, 1998
1997-1999	President, International Association of Therapeutic Drug Monitoring and Clinical Toxicology
1999-2001	Past President, International Association of Therapeutic Drug Monitoring and Clinical Toxicology
1999-2000	President-Elect, German Association for Laboratory Medicine
2001-2002	President, German Association for Laboratory Medicine
2002	Chairman, Congress of Laboratory Medicine, Düsseldorf
2002-2005	Director-at-large, World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)

2003-2005	President, German United Association for Clinical Chemistry and Laboratory Medicine
2005-2007	Secretary-Treasurer, World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)
2007-2009	President-Elect, World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)
2009-2011	President, World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)
2011-2013	Past-President, World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)
2012-2017	Trustee, World Pathology Foundation (WPF)
2013-2017	Director-Europe, World Association of Societies of Pathology and Laboratory Medicine (WASPaLM)
2014-2015	Organizing Committee, 28 th World Congress of WASPaLM in Cancun, Mexico
2016-2017	Organizing Committee, 29 th World Congress of WASPaLM in Kyoto, Japan
2016-	Executive Secretary, International Society of Enzymology (ISE)
2017-2021	Nomination Committee of the European Society of Pharmacogenomics and Personalized Therapy (ESPT)
2017-2023	Immunosuppressive drugs committee of IATDMCT
2018-2020	Working Group “Cell free DNA and related circulating biomarkers (WG-cfDNA)” of the IFCC
2018-2023	Committee “Value Proposition for Laboratory Medicine (C-VPLM)” of the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)

Professional Society Memberships

German United Association for Clinical Chemistry and Laboratory Medicine
Association for Diagnostics and Laboratory Medicine (formerly AACC)

<https://klinpharm.umg.eu/oellerich/>

North American Chinese Clinical Chemists Association (NACCCA)

Honorary Member of the Romanian Society of Laboratory Medicine, 2007

European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Academy

Honorary Member of the Bulgarian Academy of Sciences and Arts (BASA), 2012

Honorary Member of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology (IATDMCT), 2013

Editorships

1996-2007	Associate Editor <i>Clinical Biochemistry</i>
2003-2018	Editor-in-Chief <i>Therapeutic Drug Monitoring</i>
2007-2013	Associate Editor <i>Clinical Chemistry</i>
2012	Associate Editor Tietz textbook of clinical chemistry and molecular diagnostics. 5 th ed., St. Louis: Elsevier Saunders, 2012
2012	Guest Editor <i>Clinica Chimica Acta</i> , 413/1309-1418 (2012) Special Issue: Peripheral biomarkers as a complementary tool to TDM for individualizing immunosuppression in transplantation medicine
2018-	Associate Editor <i>Therapeutic Drug Monitoring</i>
2020	Guest Editor <i>Journal of Applied Laboratory Medicine</i> Special Collection: Value of laboratory testing and the value proposition

Journal Editorial Boards

1985-1988	Journal of Clinical Chemistry and Clinical Biochemistry
1987-2002	Therapeutic Drug Monitoring
2002-2007	Clinical Chemistry

2003-2007	Clinical Chemistry and Laboratory Medicine
2007-2008	Clinical Laboratory
2007-	Journal of Molecular and Clinical Pathology
2009-	Folia Medica
2009-	Turkish Journal of Pediatric Biochemistry
2010-	Indian Journal of Clinical Biochemistry
2010-	Italian Journal of Laboratory Medicine (Advisory Board)
2010-	Brazilian Journal of Pathology and Laboratory Medicine (Advisory Board)
2014-2016	Clinical Chemistry
2015-	Clinical Biochemistry

Service on University Committees and Boards

1993-2012	Council Faculty of Medicine
1993-1998	"Habilitation" Committee
1993-1998	Budget Committee
2001-2012	Instrument Investment Committee
1996-1998	Delegate Sonderforschungsbereich 500, "Maligne Transformation und Tumorprogression"
1999-2010	Steering Committee of Eurolife – network of European universities in life sciences
1999-2012	Council Center of Internal Medicine
1999-2003	Senate George-August-University (deputy member)
1999-2004	Committee for allocation of laboratory space
1999-2004	Research Committee, George-August-University, Göttingen
2000-2012	Laboratory Committee
2008-2012	Member Comprehensive Cancer Center Göttingen (G-CCC)
2010	External Examiner for the Second Professional Examination 2009/2010, Faculty of Medicine, The Chinese University of Hong Kong

2013 - 2021	Transplantation Advisory Board, Chronix Biomedical Inc., San Jose, USA
2013	Doctoral thesis examiner, Charité – University Medicine Berlin
2014-2017	Board of Labs Are Vital (2016: Chair of Board)
2015	External Examiner and Chair for 8 PhD candidates (“Dottore di Ricerca”), Università degli Studi di Milano, Italy
2017- 2023	Chief Research Officer (CRO), Liquid Biopsy Center GmbH, Göttingen
2021-	Scientific Advisor, Oncocyte, Irvine, USA

Research Activities

Specific areas of research currently encompass therapeutic drug monitoring, pharmacokinetics, pharmacogenetics and pharmacodynamics with particular focus on molecular biomarkers to achieve personalized immunosuppression in transplantation (e.g. graft-derived circulating cell-free DNA) as well as genotype-directed cancer care using cfDNA. Further topics included proteomics and analytical techniques (e.g. LC-M/MS). Research recently published in the *American Journal of Transplantation* (Oellerich M et al, Absolute quantification of donor-derived cell-free DNA as a marker of rejection and graft injury in kidney transplantation: Results from a prospective observational study) was among the top 10% most downloaded papers in 2019.

Presentations and Publications

Presentations and publications include:

- 584 Invited lectures, plenary addresses, visiting professorships and presentations (including virtual meetings)
(United States - USA, Argentina, Australia, Austria, Belgium, Bulgaria, Canada, China (incl. Hong Kong), Chile, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Iran, Japan, Korea, Lithuania, Malaysia, Mexico, Netherlands, Northern Cyprus, Poland, Portugal, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Turkey, United Kingdom, Vietnam).
- 451 Scientific manuscripts including book chapters and reviews
- 310 Published abstracts

- 12 Books edited
- 35 Editorials, letters to the editor, Q & A
- 8 Gene bank entries
- 1 Proteome entry
- 4 Committee recommendations
- 10 Newsletters

Inventions

1. Hypoglycemic active drug, 2-phenylethylhydrazono-propionic acid (P 26 43 303. 4;27 26210; Deutsches Patentamt, 1985)
2. MEGX liver function test

Program project grants

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|-------------|---|
| 1993 – 1995 | SFB 330
Organprotektion
Teilprojekt D8
Organprotektion: Lipidperoxidation und Cytochrom P-450
Aktivität in der Leber im Ischämieverlauf und nach Reperfusion
Oellerich / Wieland /Schuff-Werner |
| 1998 – 2000 | SFB 402
Molekulare und Zelluläre Hepaterogastroenterologie
Teilprojekt D 1
Mechanismen des Konservierungs- / Reperfusionsschadens und
dessen Bedeutung für den Funktionserhalt von Leber und
Dünndarm des Schweins
Schütz / Oellerich / Wieland / Braun / Ringe |
| 1999 – 2001 | SFB 500
Maligne Transformation und Tumorprogression
Teilprojekt B1
Bedeutung der induzierbaren NO-Synthese (iNOS) für die TNF-
α -induzierte Apoptose von epithelialen Tumorzellen |

Binder / Oellerich

- 2001 – 2003 QLRI-CT-2002-02758-EUPEAH
Glucocorticoid Hormone Programming in Early Life and its
Impact on Adult Health (EUPEAH)
Oellerich / Armstrong
- 2007 – 2012 BMBF Projekt Indien IND 06/040
Studies on Aspergillus fumigatus proteome for identification of
novel unknown immunogens
Oellerich / Asif / Reichard
Sharma / Bhadoria / Katyal / Singh / Kumar
- 2012 – 2015 BMBF Projekt 01ES1102
Biomarker assisted personalized immunosuppression following
liver transplantation
Brockmüller / Oellerich / Nashan / Pratschke / Friede / Kollmar /
Schemmer
- 2015 – 2018 KMU-Innovativ: Biotechnologie – BioChance, Nr. PtJ 31P9146
(BIO-624-004)
Validierung eines GcfDNA-basierten diagnostischen Tests zur
frühzeitigen Erkennung von Organschädigungen nach
Nierentransplantation
Schütz / Oellerich / Friede / Wieland
- 2018 – 2022 Genome Canada large-scale applied research project (LSARP):
Precision Medicine CanPREVENT AMR: Applying Precision
Medicine Technologies in Canada to Prevent Antibody Mediated
Rejection and Premature Kidney Transplant Loss (273AMR)
Keown / Sapir-Pichhadze / Caulfield / Bryan
Oellerich (co-investigator)
- 2019- Cell-free donor-DNA monitored personalized immunosuppression
after liver transplantation – a prospective observation single
center study.

Medizinische Hochschule Hannover, Abteilung
Gastroenterologie, Hepatologie und Endokrinologie
Tauber / Oellerich / Schütz / Beck

2021- 2023

Donor-derived cell-free DNA for early diagnosis of antibody-mediated rejection (cfDNA-DNA) (NCT 04897438). (Pilotstudie zur prospektiven Evaluation zellfreier Transplant_DNA in der Diagnostik von Patient*innen mit donorspezifischen HLA_Antikörpern nach Nierentransplantation).
Charite – Universitätsmedizin Berlin, Abteilung Nephrologie und Intensivmedizin
Budde / Oellerich / Osmanodja / Beck / Bornemann-Kolatzki / Schütz