

Curriculum Vitae
Peter Dieter

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Bold Text: Activities in Teaching and Education

General Information

Date Prepared : August 13, 2012

Name : Peter Erich Dieter

Date of Birth : 22.02.1952

Place of Birth : Neustadt. a. d. Weinstrasse, Germany

Home Address : Briesnitzer Höhe 42a, D-01157 Dresden, Germany

Marital status : married

Office Address : Faculty of Medicine Carl Gustav Carus, TU Dresden
Fetscherstrasse 74, D-01307 Dresden, Germany

Email : Peter.Dieter@tu-dresden.de

Phone : +491622584154



Academical Qualification

1970	Abitur, Leibniz Gymnasium Neustadt a.d.W.
1970 - 1972	Study of Didactics, Pedagogy, Psychology, Biology, Mathematics, EWH, Landau, Germany
1972 - 1978	Study of Biology, Albert Ludwigs University of Freiburg, Germany
1977	Diploma Examination: Genetics, Cell Biology, Biochemistry, Mathematical Statistics
1978	Diplom Thesis: "Active Ca ²⁺ Uptake into Mitochondria and Microsomes from Corn"
1979 - 1981	PhD. Thesis: "Ca ²⁺ and Calmodulin-dependent Enzymes in Higher Plants"
1981	PhD. Examination: Biology
1977 - 1981	Teacher (Biology, Chemistry, Mathematics, Physics): Private School(s) in Freiburg, Germany
1982 - 1983	Research Assistant, Institute of Biology, Albert Ludwigs University of Freiburg (with Prof. D. Marmé) - Topic: Calmodulin-dependent NAD Kinase in Plants
1983 - 1986	Research Assistant, Institute of Biochemistry, Faculty of Medicine, Albert Ludwigs University of Freiburg (with Prof. K. Decker) - Topic: Signal Transduction following Activation of Kupffer Cells and Communication Between Different Cell Types of the Liver
1986/87	Research Assistant, Department of Biochemistry, Australian National University, Canberra, Australia (with Prof. F. Bygrave) - Topic: Ca ²⁺ Flux Changes in the Perfused Liver Following Activation of Kupffer Cells
1987 - 1989	Research Assistant, Institute of Biochemistry, Faculty of Medicine, Albert Ludwigs University of Freiburg (with Prof. K. Decker)
1989	Research Assistant, Department of Cell Biology, National Institute of Mental Health, Bethesda, USA (with Prof. J. Axelrod) - Topic: Regulation of Phospholipase A ₂ and Phospholipase C in Fibroblasts
1990 - 1997	Group Leader, Cooperate Project "Development of Cancer", Albert Ludwigs University, Max Planck Institute for Immunobiology, Gödecke AG, Freiburg, Germany - Topic: Signal Transduction in Macrophages Leading to Formation of Eicosanoids and Superoxide
1991	Habilitation: Medical Biochemistry, Faculty of Medicine, Albert Ludwigs University of Freiburg, Germany - Topic: Regulation of Eicosanoid- and Superoxide Production in Liver Macrophages
1992	Associate Professor, Faculty of Medicine, Albert Ludwigs University of Freiburg, Germany
1997 - 2018	Full Professor, Medical Biochemistry, Faculty of Medicine Carl Gustav Carus, Dresden University of Technology, Germany
1998 - 2008	Program Director, Project: "Reform of the Medical Curriculum in Alliance with the Harvard Medical School (Boston/USA)"
1999 - 2007	Dean of Medical Education and Student Affairs, Faculty of Medicine Carl Gustav Carus, Dresden University of Technology, Germany
1999- 2009	Student Consultant Preclinical Years
2004-	Adjunct Professor, Burapha University, Thailand
2005-	Advisor to the Dean, Faculty of Medicine, Naresuan University, Thailand
2007- 2009	Dean of Medical Education (Basic Science Years), Faculty of Medicine Carl Gustav Carus, Dresden University of Technology, Germany
2008-	International Advisory Board, Patan Academy of Health Sciences, Nepal
2008-	Medical School Representative for International Relations
2010-	Representative of the Dresden University of Technology, Center of University Didactic Saxony
2014-	President of AMSE (Association of Medical Schools in Europe)
2018-	Senior Professor, of the Dresden University of Technology

Academical Responsibilities

Bachelor Thesis

- 2011 Katja Sonntag, Katja Sonntag, Einfluss von Hyaluronsäure und synthetisch sulfatierter Hyaluronsäure auf das *gap junction protein* Connexin 43 in humanen mesenchymalen Stammzellen

Diploma Theses

- 2002-2003 Sabine Laniado, Summative Evaluation der problemorientierten Lehre (POL) im Studiengang Humanmedizin an der TU Dresden
- 2002-2003 Tina Günther, Evaluation der Einführung der problemorientierten Lehrstrategie in die Ausbildung von Zahnmedizinern an der TU Dresden
- 2002-2003 Doreen Eisfeldt, Evaluation des problemorientierten Lernens im Studiengang Zahnmedizin der Medizinischen Fakultät der TU Dresden
- 2003 Nebel, C. & Künzel, M., Evaluation im Praktischen Jahr
- 2003 Schmidt, S., Evaluation der Transferierbarkeit des im Medizinstudium
- 2003-2004 Ina Müller, Evaluation von PBL in Medizin an der TU Dresden
- 2003-2004 Alexandra Groß, Evaluation des Einführungsprozesses problemorientierter Lernstrategien am Beispiel eines Grundlagen- und eines Klinischen Kurses in der Mediziner Ausbildung an der TU Dresden
- 2004 Dittmann, E., Vergleichende Evaluation des grundlagenorientierten POL-Kurses "Infektiologie" und des stärker klinisch orientierten POL-Kurses "Akute Notfälle" im Sommersemester 2003 im Rahmen des Projekts "Evaluation des Dresdner Modells des reformierten Medizinstudiums" Dresden-Harvard-Educational-Alliance
- 2004 Grimm, C., Evaluation des POL-Kurses „Haut-Muskel-Gelenke“ im SS 2003 und Vergleich mit der Pilotversion
- 2005 Schrammel, F., Evaluation des POL-Kurses „Fortpflanzung/Entwicklung/Wachstum“ und Trendanalyse bezüglich der Vorgängerversion
- 2005 Dinger, D., Formative Evaluation des vorklinischen Lehrmoduls "Arzt und Patient" im Rahmen des Dresdner Intergrativen Problemorientierten Lernens
- 2005 Grimm, C., DIPOL, Dresdner Integratives Problem Orientiertes Lernen, Formative Evaluation des Moduls "Naturwissenschaftliche Grundlagen der Medizin" im ersten Abschnitt des Medizinstudiums
- 2005 Reimann, R., Trendanalyse zur Akzeptanz und Zielerreichung bei vier Kursen des Problemorientierten Lernens für Medizinstudenten des 5. und 7. Fachsemesters an der Medizinischen Fakultät der TU Dresden sowie Prüfung von Zusammenhängen zwischen Erfahrung mit und Akzeptanz der innovativen Lehrmethode und Lernerfolg (Sekundäranalyse II)
- 2005 Schmidt, T., Formative Evaluation des reformierten ersten Abschnitts des Medizinstudiengangs an der TU Dresden
- 2006 Künzel, M., Formative Evaluation des POL-Kurses Onkologie und Vergleich mit der Pilotversion
- 2006 Schmidt, S., Längsschnittuntersuchung zu den Erfahrungen der Studenten des Immatrikulationsjahrgangs 1998 der Medizinischen Fakultät der TU Dresden mit Problemorientierten Lehr- und Lernstrategien (Sekundäranalyse)

Master Theses

- 2003-2009 PD Dr. Dirk W. Sommerfeldt, Spezifische Ausbildung in der operativen Medizin: Evaluation einer Innovation
- 2003-2008 Dr. Jana Jünger, Effects of basic skills training on OSCE performance
- 2004-2006 Dr. Margret Tiebel, Qualitätmanagement Lehre
- 2008-2009 Dr. Matthias Fichtner, Entwicklung von Modellen für das Training invasiver Techniker

2011- Claudia Matthäus, Bedeutung von NF- κ B für die osteogene Differenzierung humaner mesenchymaler Stromazellen

MD Theses

1997-1999 Holger Endress, Tumor-Associated Macrophages in Lung Carcinomas
1998-2001 Holger Fitzke, Pro- and Antitumorous Mediators in Lung Carcinomas
2000-2005 Lars Treffkorn, Prostaglandin Receptors
2001-2009 Egbert Matthé, Calcium Homeostasis in Macrophages
2002- Sandra Schuch, Topic: Cell Markers for Different Liver Cells
2003-2005 Thomas Lesky, In vitro Differenzierung von Monozyten der Zelinie RAW 264.7 zu Osteoklasten, deren Charakterisierung und Wechselwirkung mit Osteoblasten
2004-2016 Torsten Fritsche, Einfluss von siRNA auf die Expression von Cyclooxygenasen und Prostaglandin Synthasen
2004-2009 Marlen von Wolfersdorf, Einfluss von Statinen auf die Differenzierung von Osteoblasten
2005- Kristin Jähnig, Einfluss von ROS auf THP1-Zellen und Stressantworten
2005-2012 Franziska Roemmler, Einfluss der Phospholipase A2 auf die Differenzierung von Zebrafischen
2005-2008 Susi Klupp, Vergleich von Auswahlverfahren für Medizinstudierende
2008- Antonia Barth, Validierung des Anforderungsprofils für Dresdner Medizinstudierende vor dem Hintergrund der ärztlich-praktischen Tätigkeit
2009-2014 Susanne Melhorn: AP-Validierung an Assistenzärzten
2010-2017 Marianne Büttner, Einfluss von Glykosaminoglykanen, TGF β 1 und map Kinase auf die Differenzierung von hMSC
2011-2016 Susanna Ratto, Expressionsmuster von Integrinen, CD44 in hMSC und osteogen differenzierten hMSC: Einfluss unterschiedlicher Matrices
2012-2015 Susanne Pohlmann, Einfluss von Adiponectin auf die osteogene Differenzierung
2013-2016 Florian Gethöffer: Einfluss der Schmelzmatrixproteine auf das frühe Entzündungsgeschehen
2013-2017 Steffen Hohlstamm, Einfluss sulfatierter Glykosaminoglykane (sGAG) auf humane mesenchymale Stammzellen (hMSC) unter simulierter Entzündung
2013-2016 Martin Choiwka, Einfluss verschiedener Glykosaminoglykane (GAG) und GAG-abbauenden Enzymen auf humane mesenchymale Stromazellen

PhD Theses

1994-1997 Ulrike Arlt, NADPH Oxidase in Macrophages
1995-1998 Petra Ambs, Phospholipase A₂ in Macrophages
1996-1999 Heike Schwende, Differentiation of Monocytes into Macrophages
2001-2004 Ines Nitsche, Konzept für die Optimierung der Evaluation von PBL-Curricula in Medical Education
2003-2005 Denise Sickert, Tumor-Associated Macrophages in Human Carcinomas
2003-2006 Yevgeniya Bezugla, Prostaglandin E₂ Synthesis in Macrophages
2003-2006 Anja Goebel, Regulation der Differenzierung von Ratten-Calvaria-Osteoblasten unter Einfluss von Wachstumsfaktoren
2005-2010 Carolin Mietrach, Topic: Einfluss von Prostanoiden auf die Differenzierung von humanen mesenchymalen Stammzellen in Osteoblasten
2006-2010 Rainer Kunze, Differenzierung von humanen mesenchymalen Stammzellen in Osteoblasten und Adipozyten
2007-2012 Manuela Rösler, Einfluss gelöster Hyaluronsäure-Derivate und artifizieller Matrix aus Kollagen und sulfatierten Hyaluronsäure-Derivaten auf Adhäsion, Proliferation und Differenzierung von humanen Osteoblasten
2007-2015 Anne Helen-Scheffler, Einfluss von Eikosanoiden auf Osteoklastendifferenzierung

- 2009-2013 Marion Mai, Einfluss der extrazellulären Matrix auf Differenzierung von humanen mesenchymalen Stammzellen in Osteoblasten
- 2009-2015 Kathrin Grahl, Einfluss von löslichen Mediatoren auf Differenzierung von humanen mesenchymalen Stammzellen in Osteoblasten
- 2010- Beatrice Woltmann, Einfluss von Nanaopartikel auf die Differenzierung von hMSC in Osteoblasten
- 2010- 2017 Sabine Schulze, Einfluss von Prostaglandin E₂ auf die Differenzierung von hHSC in Osteoklasten
- 2012-2018 Sarah Vogel, Sulfatierte Glykoaminoglykane: Osteoinduktive Wirkmechanismen und Effekte auf die extrazelluläre Matrix humaner mesenchymaler Stromazellen

Dr. rer. medic Theses

- 2010-2012 Maria Bächle, Maria Bächle, Zelluläre und tierexperimentelle Untersuchungen von Zirkoniumdioxid- und Titan-Implantat-Materialien mit unterschiedlichen Oberflächentopografien

Third Party Funds

1986	<u>DFG</u> : Research Scholarship, Australian National University, Canberra, Australia
1989	<u>DFG</u> : Research Scholarship, NIMH, Bethesda, USA
1990 - 1993	<u>BMFT</u> : Research Scholarship, Mechanisms of Cancer Development
1991	<u>DFG</u> : Travel Scholarship, Washington D.C., USA
1992 - 1994	<u>DFG</u> : Research Scholarship, Regulation of Phospholipase A ₂
1993	<u>DFG</u> : Travel Scholarship, Washington D.C., USA
1993	<u>DFG</u> : Travel Scholarship, Jerusalem, Israel
1993 - 1996	<u>DFG</u> : Research Scholarship, Role of Protein Kinase C in Macrophages
1994	<u>DFG</u> : Travel Scholarship, Kyoto, Japan
1994 - 1997	<u>Ministerium für Wissenschaft und Forschung Baden-Württemberg</u> : Research Scholarship, Interaction of Monocytes/Macrophages and Tumor Cells
1994 - 1998	<u>Dr. Mildred Scheel Stiftung</u> : Research Scholarship, Isolation and Characterization of Tumor-associated Macrophages and Their Interaction with Tumor Cells
1995	<u>DFG</u> : Travel Scholarship, Hong Kong, China
1998	<u>DFG</u> : Travel Scholarship, Christchurch, New Zealand
1999	<u>DFG</u> : Travel Scholarship, Boston, USA
1999 – 2002	<u>Stifterverband für die Deutsche Wissenschaft</u>: Reform of Medical Curriculum
2000 - 2004	<u>BMBF</u> : Regulation of Fibrosis by Prostaglandins and Macrophages
2000	<u>DAAD</u>: Travel Scholarship, Program Dresden – University of Sydney
2001 – 2003	<u>DAAD</u>: Medical Education, Student Exchange Program Dresden – University of Sydney
2001 - 2004	<u>BMBF</u>: Medical Education, Caseport
2002	<u>DFG</u> : Travel Scholarship, Tucson, USA
2002 – 2003	<u>DAAD</u>: Medical Education, Student Exchange Program Dresden – Harvard Medical School
2003	<u>DAAD</u>: Travel Scholarship, Medical Education Program Dresden – Flinders University, Adelaide
2003	<u>DFG</u> : Travel Scholarship, Chicago, USA
2003 – 2005	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – Harvard Medical School
2004 – 2006	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney
2004	<u>DAAD</u>: Travel Scholarship, Program Medical Education Dresden – Universities of Thailand
2004 – 2006	<u>DFG</u> : Research Scholarship, Wechselwirkungen corrosions-induzierter und zellulärer reaktiver Spezies mit Titanprobekörpern und Zellen
2006	<u>DFG</u> : Travel Scholarship, San Francisco, USA
2005- 2006	<u>DAAD</u>: Förderung von fachbezogenen Partnerschaften mit Hochschulen in Entwicklungsländer
2005 – 2006	<u>Atlanta</u> : Phosphodiesterase Isoenzyme in Leberzellen
2005 – 2006	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – Harvard Medical School
2006	<u>DFG</u> : Travel Scholarship, Niigata, Japan
2006	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney
2006 - 2007	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – Harvard Medical School
2007	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney
2007- 2008	<u>DAAD</u>: Förderung von fachbezogenen Partnerschaften mit Hochschulen in Entwicklungsländer
2007 - 2008	<u>DAAD</u>: Medical Education, Student & Teacher Exchange Program Dresden – Harvard Medical School

2008 **DAAD: Travel Scholarship, Medical Education Program Dresden – PAHS, Nepal**

2008 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney**

2008 - 2009 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – Harvard Medical School**

2009 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney**

2009 - 2011 **BMBF: Materials to control MSC in culture**

2009 - 2011 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – Harvard Medical School**

2010 - 2011 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney**

2010 - 2012 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Louisville**

2011 – 2013 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Sydney**

2011 **DAAD: Travel Scholarship Burapha, Thailand**

2011 **DAAD: Travel Scholarship, Seattle, USA**

2012 **Apogepha: Travel Scholarship International Exchange Programs**

2012 **DAAD: Travel Scholarship Shanghai, China**

2012 – 2014 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Louisville**

2012 – 2014 **DAAD: Medical Education, Student & Teacher Exchange Program Dresden – University of Illinois**

Professional Societies

1985 - 2017	German Society of Biochemistry and Molecular Biology
1985 - 2005	German Society of Cell Biology
1995	The New York Academy of Sciences
1997 - 2005	German Society of Signal Transduction
1997 - 2017	Deutscher Hochschulverband
1997 -	Carl Gustav Carus Freundeskreis
1997 -	Freundeskreis der TU Dresden
1998 -	Who's Who in the World
1999 - 2017	German Society of Medical Education
2000 -	American Association for the Advancement of Sciences
2002 -	Who's Who in Science and Engineering
2002 - 2006	Partner of IVIMEDS
2009 -	AMEE

Committee Assignments

1997-2017	Vice Chair "Ausschuss Naturwissenschaftliche und Zahnärztliche Prüfung
2000-2011	Executive Board, German Society of Medical Education
2000-2008	Executive Board, Ausschuss "Ärztliche Ausbildung" der SLÄK
2000-2008	Senat – Education, TU Dresden
2002-2009	Council for the Lindau Nobel Laureate Meeting
2002-2009	Association of German Medical Faculties (MFT), Präsidialkommission "Neue AppO"
2002-2008	Association of German Medical Faculties (MFT), Präsidialkommission Akademie für Ausbildung in der Hochschulmedizin (AHM)
2003-	Advisory Board, Committee of Medical Curriculum Development, Burapha University, Thailand
2003-2008	Advisory Board, Committee of Modellstudiengang Faculty of Hamburg, Germany
2003-2006	Committee "TÜVIT-Education"
2003-2008	Advisory Board, Steuerkreis Qualitätsmanagement, Dresden
2003-2011	Vice-President - German Society of Medical Education
2004-2018	Mitglied, Vorstand der AHM und Steuerkreis MME-Deutschland
2004-	Committee "BMBF" – Hochschullandkarte Medizin
2005-	Committee IT & eLearning, Dresden
2005-	Committee MD & MD/PhD Program, Dresden
2005-2017	Committee "Teaching and Research" of the German Society of Biochemistry and Molecular Biology
2006-2008	Advisory Board, Committee of Modellstudiengang Faculty of Mannheim, Germany
2006-2007	Committee "Verbund Norddeutscher Universitäten" – Evaluation of Kiel, Lübeck, Hamburg, Greifswald, Rostock
2007-	Research Board of Advisors, American Biographical Institute
2008-	WFME, Accreditation Board
2008-	Landesarbeitsgruppe Hochschulen, SPD-Fraktion im Sächsischen Landtag
2008-	Association of German Medical Faculties (MFT), Arbeitsgruppe Lehre
2009-	Committee Hochschuldidaktikzentrum Sachsen
2009-	AMEE, General Assembly
2009-2018	Vice-Chair, Association of German Medical Faculties (MFT), Präsidialkommission Akademie für Ausbildung in der Hochschulmedizin (AHM)
2009-2012	Advisory Board Deutsche Hochschulmedizin (MFT+VUD) Innovationskongress
2010-2012	Advisory Board HRK-Audit Internationalism, Rectorate TU Dresden
2010-	Representative of the University of Technology Dresden, Centre for Higher Education Saxony
2011-	DAAD: Consultant for expert services
2011-2016	AMEE, Executive Committee
2011-	AGPHS, Accreditation of study courses in health sciences
2012-	Advisory Board Internationalism, Rectorate TU Dresden
2013	RIME 2013, Scientific Board
2015-	DAAD ISAP Partnerships, Reviewer
2016	Expert Panel Member NOKUT Initiative "Centers of Excellence in Higher Education"

Editorial Boards

- 1995 - External Reviewer, *European Journal of Biochemistry*
- 1995 - External Reviewer, *Cellular Signalling*
- 1995 - External Reviewer, *Journal of Hepatology*
- 1998 - External Reviewer, *Lung Cancer*
- 1999 - External Reviewer, *Journal of Pharmacy and Pharmacology*
- 2002 - External Reviewer, *ItsN01-Medicine, Dentistry and Veterinary Medicine*
- 2004-
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2014-** **Editorial Board Zeitschrift für Medizinische Ausbildung (German Journal of Medical Education)**
- 2009-
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2014-** **MededWorld**
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2014-** **Medical Teacher**
- 2010-
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2014-** **Advances in Medical Education**
- 2011- Journal of Science, Technology, and Humanities
- 2012-
2013-
2013-
2014-** **Journal of Biomedical Education**
- 2013- International Journal of Biology and Biomedical Engineering
- 2013- *Biochimica et Biophysica Acta*
- 2014- Journal of Medical Education and Curricular Development

Awards and Honors

1999 Stifterverband für die Deutsche Wissenschaft, Reform Faculty Dresden
2000 Freundeskreis der TU Dresden, First Prize for Excellent Teaching
2003 - 2007 Adjunct Professor, Burapha University, Faculty of Public Health, Thailand
2005 - Advisor to the Dean, Faculty of Medicine, Naresuan University, Thailand
2008- Adjunct Professor, Burapha University, Faculty of Medicine, Thailand
2008- International Advisory Board, Patan Academy of Health Sciences, Nepal
2010 Ars Legendi Price for Excellent Teaching in Higher Medicine, Stifterband für die Deutsche Wissenschaft, Medizinischer Fakultätentag
2011 Paper Award SFB/Transregio 67

Report of Teaching

- 1977 - 1981** **Teacher (Biology, Chemistry, Mathematics, Physics): Private School(s) in Freiburg, Germany**
- 1981 -** **Lectures, Seminars and Laboratory Course, Medical Biochemistry**
- 1981 -** **Lectures, Seminars and Laboratory Course, Medical Biology**
- 2000 -** **Lectures, Seminars and Laboratory Course, Biomedical Engineering (Program Dresden - Boston University)**
- 2001 -** **Biochemistry in Clinical Education**
- 2003 -** **Lectures, Master Study Molecular Bioengineering**
- 2006 -** **Lectures and Seminars, Life Sciences (Program Dresden – Boston University)**
- 2006 - 2016** **Director of Module “Faculty Development & Leadership”, Master of Medical Education Germany**

Report of Current BioMed Research Activities

As a Biochemist at the Faculty of Medicine Carl Gustav Carus, TU Dresden, I lead a team of researchers, M.D. and Ph.D. students, and technical assistants. Our research interest is the role of eucaryotic cells (monocytes and macrophages) in (patho)physiological reactions, and processes like cell differentiation, cancer and inflammation. Our special interest is focused on intracellular signal transduction pathways and crosstalks between cells. At present, we investigate the differentiation of stem cells into bone cells and try to improve the biocompatibility of bone implants.

Report of Medical Education Activities

As Dean of Medical Education at the Faculty of Medicine Carl Gustav Carus, TU Dresden, I work with teams of Dresden and Harvard faculty to design a new PBL-hybrid curriculum for medical students in Dresden. In the recent years, I visited other medical schools in Germany, Europe, USA and Australia to learn more about reforms of medical education in other schools and other countries. Since 1999, we reformed all six years of the Dresden curriculum (clinical years > basic science years > clerkship year) from a teacher-discipline-centered into a student-interdisciplinary-integrative-centered principle of teaching and learning. Our Dresden reform curriculum has been named as “DIPOL® – Dresden Integrative Problem/Praxis/Patient-Oriented Learning”). At present, I arrange international partnerships for student and researcher exchange, accredit medical schools in Germany and internationally, support the foundations of new medical schools in Nepal and Thailand and the foundation of a Center for Higher Education in Saxony, Germany.

During these years, I attended and/or organized the following Courses on Medical Education:

- | | |
|------|--|
| 1998 | PBL Tutor Training Course, Munich, March 21-26 |
| 1999 | Leadership Course, Boston, February 21 – March 2 |
| 2000 | Leadership Course, Boston, February 20 – February 29
PBL Tutor Training Course, Dresden, September 22 –25
PBL Tutor Training Course, Dresden, February 13 – 17 |
| 2001 | Leadership Course, Boston, February 24 – March 5
PBL Tutor Training Course, Dresden, September 10 – 14
Leadership and Department Chair Course, Dresden, November 15 - 17 |
| 2002 | Leadership Course, Boston, February 26 – March 6
PBL Tutor Training Course, Dresden, March 6 – 9
Macy Course, Leaders in Medical Education, Boston, June 15 - 22
PBL Tutor Training Course, Dresden, October 7 - 9
Leadership and Department Chair Course, Münster, December 6 - 8 |
| 2003 | Leadership and Department Chair Course, Magdeburg, January 10 - 12
Leadership Course, Boston, February 23 – March 4
PBL Tutor Training Course, Dresden, April 1 – 4
PBL Workshop, Dresden, November 20
PBL Tutor Training Course, Dresden, November 21 - 22 |
| 2004 | DAAD Teaching Exchange Program Dresden-Harvard, January 2 - 10
PBL Workshop, Naresuan University, Phitsanulok, Thailand, February 9 - 12
PBL Workshop, Burapha University, Chonburi, Thailand, February 16 - 19
PBL Tutor Training Course Dresden, March 16 – 20
PBL Tutor Training Course Dresden, September 21 – 24
Workshop Faculty Development, QdL Berlin, October 8 – 10 |
| 2005 | PBL Workshop, Naresuan University, Phitsanulok, Thailand, February 23 – March 4
Leadership Course, Boston, March 10-17
PBL Tutor Training Course Dresden, March 8-11
PBL Workshop Dresden, May 22-27
PBL Workshop Dresden, Naresuan University, Phitsanulok, Thailand, May 21-27
Master of Medical Education, September 5-9
PBL Workshop, Naresuan University, Phitsanulok, Thailand, September 21-28
PBL Workshop Dresden, October 5-7 |
| 2006 | PBL Workshop, Burapha University, Bangsaen, Thailand, February 11-18
PBL Workshop Dresden, March 8-10
Leadership Course, Boston, March 25 – April 1
PBL Workshop Dresden, May 22-27 |

- 2007**
 - PBL Workshop, Naresuan University, Phitsanulok, Thailand, August 7-12**
 - PBL Tutor Training Course Dresden, September 20-22**
 - Master of Medical Education, February 5-9**
 - Tutor Training Course Dresden, March 7-9**
 - PBL Workshop, Burapha University, Bansaen, Thailand, June 11-18**
 - PBL Tutor Training Course Dresden, September 19-21**
 - PBL Workshop, Naresuan University, Chiang Rai, Thailand, October 29-November 2**
- 2008**
 - Master of Medical Education, February 18-22**
 - PBL Tutor Training Course Dresden, February 25-27**
 - PBL Workshop, Burapha University, Phuket, Thailand, March 24-28**
 - Pilot Accreditation of Tongji Medical College, Huazhong University of Science & Technology, Wuhan, Hubei, China, March 30 – April 4**
- 2009**
 - Master of Medical Education, March 2-6**
- 2010**
 - Master of Medical Education, 3. - 7. März**
- 2011**
 - Master of Medical Education, 5. - 9. März**
- 2011-**
 - AHPGS, Akkreditation of Study Courses**
- 2012**
 - Master of Medical Education, 5. - 9. März**
- 2013**
 - Master of Medical Education, 4. - 8. März**

National and International Contributions

1980

Federation of European Societies of Plant Physiology, Santiago de Compostela (Spanien): Mitochondrial and microsomal calcium transport in plants.

Calmodulin and Cell Functions, New York (USA): Calmodulin- activated plant microsomal calcium uptake.

Calcium-Binding Proteins, Madison (USA): Purification of plant NAD kinase and other proteins by calmodulin-Sepharose affinity chromatography.

1981

Jahrestag der Deutschen Gesellschaft für Zellbiologie, München (Deutschland): Calcium and calmodulin-dependent regulation of enzyme activities in higher plants.

1982

Plasmalemma and Tonoplast, Straßburg (Frankreich): Calmodulin-activation of the microsomal calcium uptake and of the calcium transport ATPase.

Calcium Modulators, Venedig (Italien): The calcium entry blocker verapamil affects calcium accumulation into membrane vesicles from rat aorta.

100 Jahre Deutsche Botanische Gesellschaft, Freiburg (Deutschland): Biochemische und biologische Eigenschaften von Calmodulin aus Cucurbita pepo L. und Mougeotia spec.

100 Jahre Deutsche Botanische Gesellschaft, Freiburg (Deutschland): Calmodulin-vermittelte Regulation Calcium-abhängiger Enzyme in Pflanzen.

100 Jahre Deutsche Botanische Gesellschaft, Freiburg (Deutschland): Calmodulin-abhängiger Calcium-Transport in Pflanzen: Regulation durch Licht und Elicitor von Phytophthora megasperma.

Photomorphogenesis in Plants, Reading (England): Light- dependent regulation of the calmodulin-regulated calcium transport in plants.

1983

FEBS Tagung, Brüssel (Belgien): Calcium and calmodulin: Their function in higher plants.

1984

Membrane Transport in Plants, Prag (CSSR): Regulation of microsomal calcium transport and its physiological relevance.

Annual Meeting of the Phytochemical Society of Europe, Toulouse (Frankreich): Role of Calmodulin in Plants.

1985

Physiologische Schlüsselprozesse in Pflanze und Insekt, Seminar der BASF, Dannenfels (Deutschland): Calcium und seine Bedeutung in Regulationsmechanismen der Pflanzen.

Molecular and Cellular Aspects of Calcium in Plant Development, NATO Tagung, Edinburgh (England): Plant NAD kinase. Regulation by calcium and calmodulin.

Molecular and Cellular Aspects of Calcium in Plant Development, NATO Tagung, Edinburgh (England): Calcium, calmodulin-dependent NAD kinase: Regulation by light.

Third International Kupffer Cell Symposium, Straßburg (Frankreich): Effect of dexamethasone on stimulus-induced prostaglandin formation and superoxide release in cultured Kupffer cells.

1986

Second World Conference on Inflammation, Monte Carlo (Monaco): Effect of dexamethasone on stimulus-induced prostaglandin formation and superoxide release in cultured Kupffer cells.

Department of Biochemistry, National University of Australia, Canberra (Australien): Possible action of Kupffer cells in the perfused rat liver.

1987

Calcium-dependent Processes in the Liver, Falk Symposium, Titisee (Deutschland): Possible involvement of eicosanoids in calcium flux changes, glycogenolysis and vasoconstriction induced by zymosan, arachidonic acid and PAF in the perfused rat liver.

XIV. International Botanical Congress, Berlin (Deutschland): Calmodulin and calmodulin-dependent enzymes in plants.

1988

5. GASL-Tagung, West-Berlin: Unterschiedliche Regulation von Prostaglandinen, Superoxid und lysosomalen Enzymen in Ratten Kupffer-Zellen.

SFB 206, Freiburg: Regulation der Freisetzung von Eicosanoiden und Superoxid in Lebermakrophagen (Kupfferzellen)

International Summer School on Receptors, Membrane and Signal Transduction, Spetsai (Greece):

Signal transduction during stimulus-induced synthesis of prostanoids and superoxide in liver macrophages.

BASF, Limburgerhof: Role of Calcium in Plants.

Fourth International Kupffer Cell Symposium, Titisee: Signal transduction during stimulus-induced synthesis of prostanoids and superoxide in cultured rat Kupffer cells.

SFB 154, Freiburg: Signalpfade in stimulierten Kupfferzellen

1989

Kolloquium des DFG Schwerpunktprogramms "Molekulare Mechanismen der Signaltransduktion in Membranen", Berlin: Regulation der Arachidonatfreisetzung in Lebermakrophagen.

9. International Washington Spring Symposium "Biology of cellular transducing signals", Washington (USA): Signal transduction during stimulus-induced synthesis of prostanoids and superoxide in cultured liver macrophages.

Medizinische Hochschule Hannover: Regulation des Arachidonsäurestoffwechsels in Lebermakrophagen.

1990

5th International Symposium on Cells of the Hepatic Sinusoid (Tucson/USA): Signal transduction during stimulus-induced synthesis of prostanoids and superoxide in cultured rat Kupffer cells.

The Macrophage - Annual Conference of the Upper Rhine Universities (Freiburg): Activation of prostanoid and superoxide formation in cultured rat liver macrophages is independent of the activation of phospholipase C.

The Macrophage - Annual Conference of the Upper Rhine Universities (Freiburg): Activation of protein kinase C is involved in zymosan-stimulated formation of prostanoids and superoxide in primary cultures of rat liver macrophages.

Freiburg-Konstanz-Workshop (Konstanz): Mögliche Kompartimentierung der Thromboxan- und PGE₂-Synthese in Kupfferzellen der Ratte.

Biochemisches Institut Göttingen: Regulation der Eikosanoid- und Superoxidsynthese in Lebermakrophagen.

2. Wintertagung der Deutschen Gesellschaft für Pharmakologie und Toxikologie (Hannover): Regulation of prostanoid synthesis in liver macrophages.

1991

7. GASL-Tagung (Freiburg): Protein Kinase C und Regulation der Prostanoid- und Superoxidsynthese in Lebermakrophagen.

DFG Schwerpunkttagung "Signaltransduktion in Membranen" (Berlin): Erfolgt die Aktivierung der Phospholipase A₂ in Lebermakrophagen über eine Translokation vom Zytoplasma an die Zellmembran?

XIth International Washington Spring Symposium "Prostaglandins Leukotriens and Lipoxins", Washington (USA): The formation of prostanoids in liver macrophages is mediated by protein kinase C but not by phospholipase C.

Macrophage Meeting (Straßburg): Characterization of NADPH oxidase in rat liver macrophages.

2nd International Conference on Eicosanoids and other Bioactive Lipids in Cancer, Inflammation and Radiation Injury (Berlin): Ca²⁺ induced reversible translocation of phospholipase A₂ between cytosol and membranes of rat liver macrophages.

SFB 154 (Freiburg): Regulation der Eikosanoid- und Superoxidbildung in Lebermakrophagen.

1992

Biochemisches Institut (Freiburg): Signaltransduktion und Arachidonsäurekaskade in Makrophagen.

6th International Symposium on Cells of the Hepatic Sinusoid (Antwerpen, Belgien): Relationship between intracellular changes of pH and calcium, activation of phospholipase C and protein kinase C and the synthesis and release of eicosanoids and superoxide in cultured rat Kupffer cells.

6th International Symposium on Cells of the Hepatic Sinusoid (Antwerpen, Belgien): Activation of NADPH oxidase from rat liver macrophages in a cell free system.

6th International Symposium on Cells of the Hepatic Sinusoid (Antwerpen, Belgien): Different regulatory roles of protein kinase C isoforms in phosphoinositide-, superoxide- and prostanoid-metabolism in Kupffer cells.

European Conference on Basic and Clinical Aspects of Macrophage Biology (Regensburg): Priming and regulation of the synthesis and formation of cytotoxic mediators in liver macrophages.

Herbsttagung der Gesellschaft für Biologische Chemie (Rostock): Characterization of NADPH oxidase in rat liver macrophages.

47. Jahrestagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten

(München): Plasmamembran - Zytosol -Signalübermittlung.

98. Konferenz der GBCh "Biological Signalling Using Superoxide and Nitric Oxide Radicals" (Ringberg): Regulation of NADPH oxidase in intact liver macrophages and in a cell free system.

Biozentrum (Basel): Possible regulation of arachidonic acid cascade, NADPH oxidase and phospholipase C by different protein kinase C isoenzymes.

1993

MPI für Molekulare Physiologie (Dortmund): Regulation der Bildung von Superoxid in Makrophagen.

Kolloquium des DFG Schwerpunktprogramms "Molekulare Mechanismen der Signaltransduktion in Membranen" (Berlin): Unterschiedliche Rolle von Proteinkinase C- β und - γ bei der Aktivierung von Phospholipase C/D, NADPH Oxidase und Arachidonsäurekaskade.

4. Workshop für Experimentelle und klinische Lebertransplantation und Hepatologie (Wilsede): Funktion und Regulation von Eicosanoiden in der Leber.

7th Conference of the upper rhine universities -The Macrophage- (Basel): Regulation of 85kDa phospholipase A₂ in Kupffer cells.

7th Conference of the upper rhine universities -The Macrophage- (Basel): Identification of the subunits of NADPH oxidase in Kupffer cells.

7th Conference of the upper rhine universities -The Macrophage- (Basel): Comparism of LPS- and MTP-PE-liposomes-induced formation of cytotoxic mediators in liver macrophages.

7th Conference of the upper rhine universities -The Macrophage- (Basel): Differentiation of monocyte cell lines by PMA and calcitriol and differences in the attainment of macrophage specific functions.

3rd International Conference "Eicosanoids and other bioactive lipids in cancer, inflammation and radiation injury" (Washington): Regulation of eicosanoid synthesis in macrophages.

Third international conference on lipid mediators in health & disease (Jerusalem): Involvement of PLA₂, PLC + DAG lipase in eicosanoid synthesis in macrophages.

Third international conference on lipid mediators in health & disease (Jerusalem): Regulation of eicosanoid synthesis in macrophages by calcium and protein kinase C.

DKFZ (Heidelberg): Regulation of eicosanoid synthesis and superoxide formation in macrophages.

1994

RWTH (Aachen): Regulation der Synthese und Freisetzung cytotoxischer Mediatoren in Monocyten und Makrophagen

9th International Conference on Prostaglandins and Related Compounds (Florenz): Activation of the arachidonic acid cascade in macrophages is elicited by different signal transduction pathways

7th International Symposium on Cells of the Hepatic Sinusoid (Kyoto): Signal transduction pathways leading to the formation of cytotoxic mediators in rat Kupffer cells

7th International Symposium on Cells of the Hepatic Sinusoid (Kyoto): Role of PLA₂ in the regulation of the arachidonic cascade in rat Kupffer cells

GBCH (Würzburg): Regulation of cPLA₂, PLC, PLD and NADPH oxidase in macrophages

GBCH (Würzburg): Cellular events leading to differentiation of monocytes to macrophages

Universität Erlangen-Nürnberg: Regulation der Arachidonsäurekaskade

Kolloquium des DFG Schwerpunktprogramms "Molekulare Mechanismen der Signaltransduktion in Membranen" (Berlin): Regulation der Phospholipase A₂

Frauenklinik Freiburg: Regulation der Arachidonsäurekaskade

The Macrophage (Lausanne): TNF- α , G-CSF and PGE₂ synthesis in human macrophages after consecutive LPS- or SDZ MRL-953 stimulations

1995

11. Frühjahrstagung der Gesellschaft für Immunologie (Regensburg): Regulation of cytosolic phospholipase A₂ in rat liver macrophages

11. Frühjahrstagung der Gesellschaft für Immunologie (Regensburg): Signal transduction pathways leading to formation of cytotoxic mediators in liver macrophages

11. Frühjahrstagung der Gesellschaft für Immunologie (Regensburg): Differentiation of THP 1 cells and role of PKC- α and - β

4th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (Hongkong): Formation of eicosanoids during differentiation of THP-1 cells

4th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (Hongkong): Comparative studies of cytotoxicity and the release of cytotoxic mediators including prostanoids of liver macrophages treated with LPS and liposome-encapsulated MTP-PE

4th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation &

Radiation Injury" (Hongkong): Role of cytosolic PLA₂ in arachidonic acid release in rat liver macrophages

The Macrophage (Amsterdam): Isolation of tumor-associated macrophages from human lung carcinomas

The Macrophage (Amsterdam): Role of cPLA₂ and COX-2 in the prostaglandin release of liver macrophages

The Macrophage (Amsterdam): Differences in the state of differentiation of THP-1 cells induced by phorbol ester and vitamin D₃: Role of protein kinase isoenzymes

Universität Dresden: Monocyten/Makrophagen als Effektorzellen: Signaltransduktionsprozesse
1996

XVIth Washington International Spring Symposium (Washington/USA): Regulation of arachidonic acid cascade in macrophages

Case Western Reserve University (Cleveland/USA): Regulation of the arachidonic acid cascade in rat liver macrophages

Anästhesiologische Universitätsklinik (Ulm): Monocyten - Makrophagen als Effektorzellen: Signaltransduktionsprozesse

8th International Symposium on Cells of the Hepatic Sinusoid (Bordeaux/Frankreich): Regulation of arachidonic acid cascade in Kupffer cells

Herbsttagung der GBCh (Leipzig): Regulation of arachidonic acid cascade in macrophages

Herbsttagung der GBCh (Leipzig): Signal transduction in macrophages

ACCP (San Francisco/USA): Macrophage infiltration in bronchogenic carcinomas

1997

Deutsche Gesellschaft für Pneumologie (Freiburg): Makrophageninfiltration bei Bronchialkarzinomen

Deutsche Gesellschaft für Innere Medizin (Wiesbaden): Tumor-assoziierte Makrophagen der Lunge

5th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (San Diego/USA): Signal transduction components involved in lipopolysaccharide- and muramyl tripeptide- induced formation of eicosanoids, nitric oxide and tumor necrosis factor- α

The Macrophage (Lübeck): Signal transduction components involved in lipopolysaccharide- and muramyl tripeptide- induced formation of eicosanoids, nitric oxide and tumor necrosis factor- α

The Macrophage (Lübeck): Isolation and characterization of tumor-associated macrophages from human lung carcinomas

DGfI/DGZ/GBM (Langen): Regulation of cPLA₂, PLC, PLD and NADPH oxidase by protein kinase C isoenzymes, map kinase and tyrosine kinases in macrophages

1998

Universität Regensburg: Isolation and characterization of tumor-associated macrophages from human lung carcinomas

Case Western Reserve University (Cleveland/USA): Lipopolysaccharide- and muramyl tripeptide-induced formation of eicosanoids, nitric oxide and TNF- α in macrophages.

TU Dresden (Pathology/Anaesthesiology): Signal transduction pathways of LPS and MTP

9th International Symposium on Cells of the Hepatic Sinusoid (Christchurch/New Zealand): LPS and MTP-PE: Do different responses in Kupffer cells reflect different potencies of the two agents as immunomodulators?

Klinik für Tumorbiologie (Freiburg): Isolation and characterization of tumor-associated macrophages from human lung carcinomas

DGfI/DGZ/GBM (Langen): Signal transduction pathways following addition of LPS and MTP to macrophages leading to the formation of eicosanoids, TNF- α and NO

1999

TU Dresden (Pharmakologie): Signal transduction pathways of LPS and MTP

Uniklinik Düsseldorf (Gastroenterologie): Die Rolle von Kupffer Zellen, LPS und Muramyltripeptiden beim septischen Schock

Uniklinik Frankfurt (Pharmakologie): Signaltransduktion in Kupffer Zellen: Eikosanoide, Cytokine und Stickstoffmonoxid

International Conference on Phospholipase A₂ (Berlin): Regulation of PGE₂ synthesis in liver macrophages

6th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (Boston/USA): Lipopolysaccharide-induced formation of prostanoids in macrophages: Role of phospholipase A₂ and cyclooxygenases

Harvard Medical School (Boston/USA): Regulation of prostanoid formation in liver macrophages by

phospholipase A₂ and cyclooxygenases

Case Western Reserve University (Cleveland/USA): Ethanol-induced liver injury in liver: Role of Kupffer cells

2000

Second International Workshop Molecular Biology of Mononuclear Phagocyte Differentiation and Activation (Regensburg)

Case Western Reserve University (Cleveland/USA): Activation of transcription factors in Kupffer cells
10th International Symposium on Cells of the Hepatic Sinusoid (Southampton/United Kingdom): Prostaglandin E₂, an important regulator of (patho)physiological liver functions: its synthesis and release is regulated at multiple levels.

Universität Potsdam: Prostaglandin E₂, ein Schlüsselregulator (pathophysiologischer Leberfunktionen)
2001

17. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Aachen): Prostaglandin E₂, an important regulator of (patho)physiological liver functions

AMEE (Berlin): Medical education innovations in Dresden, Germany: reformed Faculty of Medicine Carl Gustav Carus, Dresden University of Technology

7th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (Nashville/USA): PGE₂ is an important regulator of (patho)physiological liver functions (II): PGE₂ regulates the release of TNF- α , IL-10 and ET-1 in liver macrophages through different PGE₂ receptor subtypes

7th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (Nashville/USA): PGE₂ is an important regulator of (patho)physiological liver functions (I): Transdifferentiation of hepatic stellate cells – Influence of PGE₂ and pattern of enzymes regulating prostanoid synthesis

7th International Conference "Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Radiation Injury" (Nashville/USA): PGE₂ is an important regulator of (patho)physiological liver functions (III): PGE₂ synthesis in liver macrophages is specifically regulated at multiple levels

8. GMA Tagung (Wien/Österreich): Ausbildung von POL-Tutoren – Das Dresdner Modell

8. GMA Tagung (Wien/Österreich): Modernisierung und Internationalisierung der Mediziner Ausbildung an der Medizinischen Fakultät Carl Gustav Carus der TU Dresden

8. GMA Tagung (Wien/Österreich): Dresdner Curriculum – Fächerübergreifende POL-Blockkurse des 3. und 4. Studienjahres

Internationales Symposium: Neue Wege der Lehre in der Medizin (Mannheim/Deutschland): Möglichkeiten und Erfahrungen bei Leistungskontrollen in POL-Kursen

Internationales Symposium: Neue Wege der Lehre in der Medizin (Mannheim/Deutschland): Dresdner Curriculum – Fächerübergreifende POL-Blockkurse des 3. und 4. Studienjahres

Internationales Symposium: Neue Wege der Lehre in der Medizin (Mannheim/Deutschland): Pharmakologie Blockkurs für Medizinstudenten: Ein Hybridmodell des Problemorientierten Lernens (POL) mit Elementen traditioneller Lehrmethoden

2002

18. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Leipzig): Einfluss der PGE₂-Rezeptor-Subtypen auf TNF- α , ET-1 und IL-10

18. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Leipzig): Enzyme der Prostaglandin-Synthese in Nichtparenchymzellen der Rattenleber

Organisation of the 1st International Symposium: New Pathways in Medical Education (Dresden): Faculty Development

51. Jahrestagung der Deutschen Gesellschaft für Zahnärztliche Prothetik und Werkstoffkunde e.V. (Dresden): Die neuen Lehrmethoden: PBL-POL-DIPOL: Was verbirgt sich dahinter?

The 10th Ottawa Conference (Ottawa, Canada): DIPOL: Dresden Integrative Problem Oriented Learning Reform of Medical Education

11th International Symposium on Cells of the Hepatic Sinusoid (Tucson/USA): The regulatory role of prostaglandin E₂ in liver (patho) physiology is controlled at its site of synthesis and its action on the receptors. Comp. Hepatology, in press

AMEE (Lissabon, Portugal): DIPOL: Dresden Integrative POL: Reform of Medical Education

AMEE (Lissabon, Portugal): Training of PBL tutors – the Dresden curriculum

Medical Education Symposium (Mayo Clinic, Rochester, Minnesota): Medical Education in Germany: DIPOL (Dresden Integrative POL): Innovative Reform in Dresden

Medical Education Day (Boston, USA): Dresden Integrative Problem Oriented Learning

(DIPOL)

IX. Tagung Qualität der Lehre (GMA, Jena): DIPOL – Reformstudiengang an der Medizinischen Fakultät Carl Gustav Carus

IX. Tagung Qualität der Lehre (GMA, Jena): Faculty Development

2003

19. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Berlin): Dexamethasone influences on the prostanoid synthesis in LPS-activated liver macrophages.

19. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Berlin): Induktion von Proteinen der Prostanoidsynthese in Kupffer-, Endothel- und Stellatzellen nach Stimulation mit LPS.

3. Workshop der Medizinischen Fakultät Greifswald (Damerow): Erfahrungen bei der Reformierung des Medizinstudiums an der Medizinischen Fakultät Carl-Gustav-Carus der TU Dresden

Stifterverband für die Deutsche Wissenschaft (Bonn): Konsequenzen der Evaluation

2004

Harvard Medical School (Boston/USA): Prostaglandin E₂, an important regulator of liver fibrosis? Regulation of its synthesis and its action via receptors

20. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Freiburg): Interaction of nitric oxide and prostanoids in Kupffer cells during inflammation

20. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Freiburg): Verstärkte Prostaglandin E₂ –Synthese in hepatischen Myofibroblasten unter inflammatorischen Bedingungen- Eine autokrine antifibrotische Gegenregulation

88. Jahrestagung der Deutschen Gesellschaft für Pathologie e.V. (Rostock): Charakterisierung von Makrophagen-Subpopulationen in Kolonkarzinomen mittels Tissue Micro-Arrays

AMEE Tagung (Edinburgh): The DIPOL[®] curriculum- the 5th year of the new approach in medical ducation at Dresden Medical Faculty

12th International Symposium on Cells of the Hepatic Sinusoid (Bilbao, Spain): Delayed induction of prostaglandin E₂ synthesis in stellate cells after stimulation with LPS is mediated by activation of cPLA₂, induction of CX-2 and mPGE₂-synthase-1

12th International Symposium on Cells of the Hepatic Sinusoid (Bilbao, Spain): The production of prostaglandin E₂ in rat Kupffer cells is affected by cytokines and nitric oxide

30. Symposium Allgemeinmedizin (München): Was heißt interdisziplinärer/integrativer Unterricht?

Universität Marburg: Neue ÄAppO und Reformstudiengang DIPOL[®]

2005

21. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Ulm): Autokrine Regulation der Freisetzung inflammatorischer Mediatoren durch Cytokine

21. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Ulm): Induktion der COX-2 und mPGE-Synthase-1 in Kupfferzellen und Sternzellen nah LPS-Stimulation – Unterschiedlicher Einfluss von PGE₂

89. Tagung der Deutschen Gesellschaft für Pathologie (Wuppertal): Characterization of macrophage subpopulations and vessels in cancers of the gastrointestinal tract

Notfallmedizin Verletzungen Intensivmedizin (DAC): DIPOL

Fakultät Mannheim: Standort Hochschulmedizin Deutschland im Internationalen Wettbewerb: Gefährdung oder Chancen der Universitären Medizin: Notwendigkeit für Professionelle „Center(s) of Medical Education“

4th Conference on Mitochondrial Physiology (Schröcken, Austria): Influence of oxidative stress on osteoblasts on either titanium or polystyrene

AMEE (Amsterdam): Quality Management of Medical Education at Dresden Faculty of Medicine Master of Medical Education (Dresden): Local hero(s)

9th International Conference on Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Related Diseases (San Francisco, USA): PGE₂ is an important regulator in liver fibrogenesis: Potential antifibrotic therapies at the biosynthetic and at the receptor level

GMA Jahrestagung Qualität der Lehre in der Medizin (Münster): Standort Hochschulmedizin Deutschland im internationalen Wettbewerb

GMA Jahrestagung Qualität der Lehre in der Medizin (Münster): Qualitätsmanagement der Lehre in Dresden- Führungsprozesse

Workshop Ars Legendi in der Medizin, Stifterverband für die Deutsche Wissenschaft (Berlin):

Workshop

2006

22. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber (GASL) (Leipzig): Bedeutung der cytosolischen Calcium-Konzentration und der Phosphorylierung der cytosolischen Phospholipase A2 für die Prostaglandin E2 Freisetzung in Kupferzellen der Leber

International Meeting on Medical Education in the Changing Health Systems (Naresuan University, Thailand): The ranking of medical education: quality process and outcome.

International Meeting on Medical Education in the Changing Health Systems (Naresuan University, Thailand): Evaluation of world medical education: implications for developed countries.

International Meeting on Medical Education in the Changing Health Systems (Naresuan University, Thailand): Curriculum reform and faculty development in Germany.

13th International Symposium on Cells of the Hepatic Sinusoid (Niigata, Japan): Dieter, P.: Regulation of the release of PGE₂ in Kupfer cells and Stellate cells and its antifibrotic role in liver fibrosis.

Jahrestagung DGKL (Mannheim): Evaluation und Zertifizierung der Lehre

Festakt MaReCuM (Mannheim): Qualitätsmanagement und Lehrevaluation

Jahrestagung der GMA (Köln): Tiebel, M., Dieter, P.: Qualität der Lehre an der Medizinischen Fakultät Dresden

Jahrestagung der GMA (Köln): Hänsel, M., Tiebel, M., Klupp, S., Dieter, P.: Auswahlverfahren an der Medizinischen Fakultät Dresden

2007

DAAD Tagung Hochschulpartnerschaften (Bonn): Dieter, P.: Partner Program University of Technology (Faculty of Medicine), Dresden, Germany, University of Burapha, Chonburi, Thailand, Naresuan University (Faculty of Medicine), Phitsanulok, Thailand

Ordentlicher Medizinischer Fakultätentag (Aachen): Dieter, P.: Studienbegleitende Prüfungen und Mündliche Staatliche Prüfungen

AMEE (Trondheim, Norwegen): Tiebel, M., Tiebel, O., Dieter, P.: Quality Management System of education. First results. Re-certification after one year

10th International Conference on Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Related Diseases (Montreal, Kanada): Effect of PGE₂ on the differentiation of human mesenchymal cells into osteoblasts.

World Class Medicine: Creating Clinical Care Centers-Centers of the future. Harvard Medical International ISQua Meetin (Boston, USA): Accreditation-certification in Germany – Dresden

AMEA (Bangkok, Thailand): 2 Workshops – Criteria for good teaching; Debate: Are there any win-in situations in medical school ranking game?

2008

5th Asia Pacific Medical Education Conference (Singapur): Students as Strategic Partners In Quality Management Of Medical Education at the Carl Gustav Carus

oMFT (Heidelberg): Ergebnisse der Arbeitsgruppen der MFT Präsidialkommission „Neue ÄAppO“

2nd International Congress on Stem cells and Tissue Formation (Dresden): Effect of exogenous prostaglandin E2 on human mesenchymal stem cells

2nd International Congress on Stem cells and Tissue Formation (Dresden): Differential effect of exogenous prostaglandin E2 on and matrices on the differentiation of mouse RWA 264.7 and human peripheral blood mononuclear cells into osteoclasts

2nd International Congress on Stem cells and Tissue Formation (Dresden): Chondroitin-4-sulfate modulates PGE2 and VEGF formation by rat calvarial osteoblasts

AMEE 2008 (Prag, Tschechien): A Faculty Development Program can result in an improvement of the quality and output in medical education, basic sciences & clinical research and patient care

87. Jahrestagung der Deutschen Gesellschaft für Rechtsmedizin (Dresden): Problem-Orientiertes Lernen im Medizinstudium und der Rechtsmedizin in Dresden. Rechtsmedizin18, 316 (V103)

Jahrestagung der Gesellschaft für Medizinische Ausbildung (Greifswald): Verbesserung der Medizinischen Ausbildung, Forschung und Krankenversorgung an der Medizinischen Fakultät Carl Gustav Carus der TU Dresden: Faculty Development Programm, QM und Zertifizierung nach DIN EN ISO9001:2001

2009

2nd TESDER Symposium (Ankara, Turkey): Medical Education and Primary Care in Germany: An Experience of Curriculum Change and Effects

2010

Bundesärztekammer, Ausschuss zum Arzt, Hochschule und Medizinische Fakultäten (Berlin): Nationaler Kompetenz-basierter Lernzielkatalog Deutschland

GBM, AG-Lehre (Mosbach): Nationaler Kompetenz-basierter Lernzielkatalog Deutschland

Universität Witten-Herdecke (Witten): Internationale Partnerschaften

20. Sächsischer Landesärztertäg (Dresden): Zulassungsvoraussetzungen für das Medizinstudium

3rd International Congress on Stem Cells and Tissue Formation (Dresden, Germany): Functional differentiation of mouse RAW 264.7 and human PBL cells into osteoclasts determined with a novel resorption assay

3rd International Congress on Stem Cells and Tissue Formation (Dresden, Germany): Role of prostaglandin E₂ receptors in osteogenic differentiation of human mesenchymal stromal cells

3rd International Congress on Stem Cells and Tissue Formation (Dresden, Germany): Effect of glycosaminoglycans on the PGE₂ release of human mesenchymal stromal cells

3rd International Congress on Stem Cells and Tissue Formation (Dresden, Germany): Collagen I-coated star-PEG-heparin hydrogels with different elasticity influence osteogenic differentiation of human bone marrow stromal cells into osteoblasts

AMEE (Glasgow, UK): Development of a competence profile in order to improve the selection of medical students

MFT Innovationskongress (Berlin): Reform des Curriculums in Dresden

VUD Herbsttagung (Berlin): Lassen wir die Falschen zum Studium zu?

2011

11th International Conference on Eicosanoids & Other Bioactive Lipids in Cancer, Inflammation & Related Diseases (Seattle, USA): The role of PGE₂ on the differentiation of osteoblasts and osteoclasts from human bone marrow precursor cells and its impact on bone biology

2012

4th International Congress on Stem Cells and Tissue Formation (Dresden, Germany): Inhibition of prostaglandin E₂ by over-sulfated chondroitin sulfate in human mesenchymal stromal cells

5th Freiberg Collagen Symposium (Freiberg, Germany): Artificial extracellular matrices of collagen and sulfated hyaluronan enhance the osteogenic differentiation of human mesenchymal stem cells

The Forum on Education Abroad: Reinventing the European Experience (Dublin, Ireland): Facilitating Study Abroad for Science and Engineering Students

2013

Symposium Evidenzbasierte Weiterentwicklung des Medizinstudiums (Bochum, Germany): International Medical Education: Evaluation und Qualitätssicherung

CRTD Summer Schhol (Dresden, Germany): MSC in coculture with PBMC induce differentiation of PBMC into osteoclasts

13th International Conference on Bioactive Lipids in Cancer, Inflammation and Related Diseases (San Juan, Puerto Rico): Prostaglandin E₂: A double-edged sword in bone regeneration:

Prostaglandin E₂ inhibits the differentiation of osteoblasts and osteoclasts from human bone marrow precursor cells

2014

WFME-TEPDAD Symposium "Accreditation as an Instrument for Quality Assurance in Medical Education" (Istanbul, Türkei): Maintaining standards of quality as medical school numbers grow

Go out - Bologna macht mobil (Berlin, Germany): Internationale Studien- und Ausbildungspartnerschaft (ISAP) im Studiengang Medizin

15. Jahrestagung oMFT (Frankfurt, Germany): Staatenübergreifende Ärzteausbildung

AMSE-MFT-Symposium (Berlin): Evolution of Medical Schools in Europe: Are we at a risk?

WissHom ICE 14 (Köthen): Die Ärztliche Approbationsordnung und Reformen des Medizinstudiums

WissHom ICE 14 (Köthen): Problem-based learning: Fallbeispiel aus Sicht der Biochemie und der Homöopathie

2015

16. Jahrestagung oMFT (Kiel, Germany): Association of Medical Schools in Europe: Stand und Perspektiven

14th International Conference on Bioactive Lipids in Cancer, Inflammation and Related Diseases

(Budapest, Hungary): Prostaglandin E₂ impairs osteogenic and facilitates adipogenic differentiation of human bone marrow stromal cells

AG Lehre, MFT (Berlin, Germany): AMSE: Qualitätssicherung der Ausbildung, der Fakultäten und Lehrkrankenhäuser in Europa; Zulassungsbedingungen internationaler Absolventen zur US Graduate Medical Education und Berufsausübung in den USA ab 2023

Studiendekanentreffen, MFT (Berlin, Germany): AMSE: Qualitätssicherung der Ausbildung, der Fakultäten und der Akademischen Lehrkrankenhäuser in Europa- Zulassungsbedingungen internationaler Absolventen zur US Graduate Medical Education und Berufsausübung in den USA ab 2023

2016

AMSE Kickoff Meeting (Berlin, Germany): Quality Assurance Initiative of AMSE

Geneva Health Forum / World Health Summit Geneva Meeting: "Global Health: Sustainable and Affordable Innovations in Healthcare" (Geneva, Switzerland): Quality Assurance of Science-based Medical Education across Europe

Research and Innovations for Healthcare Professions (Venice, Italy): Introduction to AMSE

Association of Medical Schools in Europe

Transnational Education Symposium: Globalization, Transnational Education and Curriculum

Implementation, RCSI (Bahrain): European Experience of Convergence and Diversity of Medical Education Curriculum

17. Jahrestagung oMFT (Würzburg, Germany): AMSE Qualitätssicherungsinitiative

2017

21st Graz Conference (Szeged, Hungary): Do we need a common quality assurance in times of global cross-border health care?

World Health Summit Regional Meeting Montreal: "Health and Healthcare delivery in pluralistic societies (Montreal, Canada): European perspectives of accreditation of MD education

4th ASSIN/EASPA Global Conference (Düsseldorf, Germany): The emergence of a European quality assurance system for medical education.

Patents

Verfahren und Mittel zum Nachweis der Aktivität von Osteoklasten. (Lutter A-H, Hempel U, Dieter P., German Patent DE10 209 013 957 A1 2010.09.16, Method and Means for Detecting the Activity of Osteoclasts, European Patent Nr. 10 707 908.9, USA Patent: PCT/EP2010/053054)

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