**CURRICULUM VITAE AND BIBLIOGRAPHY**

**Date:** Apr 15, 2022

**Name and Degrees:** Olaf Dammann, M.D., S.M., Ph.D.

**Title:** Professor and Vice Chair

Department of Public Health and Community Medicine

Tufts University School of Medicine

**Erdös Number:** 4

**H-Index:** 66

**i10-Index:** 164

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136 Harrison Ave.

Boston, MA 02111

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**Email:** olaf.dammann@tufts.edu

**EDUCATION**

Undergraduate

n/a

Graduate School

1981-1983 Linguistics, Informatics University Hamburg, Germany

1983-1990 MD (Medicine) Universities Lübeck and Hamburg

1991 Dr Med (Dissert. in Pediatrics) University Hamburg, Germany

(Advisor Franz J. Schulte)

1997 S.M. (Clinical Epidemiology) Harvard School of Public Health,

Boston, USA (Advisor F. Cook)

2019 PhD (Philosophy of Epidemiology) University of Johannesburg,

S. Africa (Advisor A. Broadbent)

**POSTDOCTORAL TRAINING**

1995-7 Postdoc (Neuroepidemiology) Children's Hospital, Boston, USA

(PI Alan Leviton)

2007-8 Higher Education Management

Principles of Financial Accounting (Harvard Ext. School)

**LICENSURE AND CERTIFICATION**

1991 Approbation (MD-equivalent, physician's license, Germany)

1. Facharzt für Kinder- und Jugendheilkunde (Boards in Pediatrics and Adolescent Medicine, Germany)

**ACADEMIC APPOINTMENTS**

1987-1991 Teaching Assistant in Medical Sociology, Institute for Medical Sociology, University Hamburg, Germany

1990-1995 Assistant Physician and Research Associate in Pediatrics, (Wissenschaftlicher Mitarbeiter), Dept. of Pediatrics, University Hamburg, Germany

1995-1997 Research Fellow, Dept. of Neurology, Harvard Medical School

1997-2000 Instructor, Dept. of Neurology, Harvard Medical School

2000-2007 Assistant Professor, Dept. of Neurology, Harvard Medical School

2002- Wilhelm-Hirte Research Professor, Depts. of Obstetrics and Pediatrics, Hannover Medical School, Germany

2006- Research Professor of Pediatrics (primary appointment 2006-11, secondary appointment since 2012), Tufts University School of Medicine

2008- Research Professor, Clinical Research Graduate Program, Tufts University Sackler School of Graduate Biomedical Sciences

2010-2015 Research Professor of Public Health and Community Medicine (secondary appointment, primary since 2012), Tufts University School of Medicine

2013-2015 Research Professor, Tufts Clinical and Translational Science Institute (CTSI)

2013-2015 Research Professor, Department of Ophthalmology, Tufts University School of Medicine

2015- Professor of Public Health & Community Medicine, Pediatrics, and Ophthalmology, Tufts University School of Medicine

2015- Affiliate Member, Center for Philosophy and History of Science, Boston University

**ACADEMIC APPOINTMENTS (cont.)**

2018- Adjunct Professor, Department of Neuromedicine and Movement Sciences, Norwegian University of Science and Technology, Trondheim, Norway

2019- Faculty, University College, Tufts University

**NON-UNIVERSITY APPOINTMENTS**

2019- Director of Research, Liesenfeld Research Institute, Boston

**HOSPITAL & ADMINISTRATIVE ROLES**

2001-2002 Staff Member, Clinical Research Core Programs Office (CRCPO), Children's Hospital, Boston

2002- Director, Perinatal Neuroepidemiology Unit, Depts. of Obstetrics and Pediatrics, Hannover Medical School, Germany

2006-2011 Director of Clinical Research, Division of Newborn Medicine, Floating Hospital for Children at Tufts Medical Center, Boston

2008-2010 Director, Pediatric Clinical Research Center, Floating Hospital for Children at Tufts Medical Center, Boston

2012-2013 Director of Epidemiology and Biostatistics, Department of Pediatrics, Floating Hospital for Children at Tufts Medical Center, Boston

2017- Vice Chair, Department of Public Health & Community Medicine, Tufts University School of Medicine

2019 - Director, MS Program in Health Informatics & Analytics, Tufts University School of Medicine

2020 Associate Dean of Academic Affairs, University College, Tufts University

**HOSPITAL, MEDICAL SCHOOL, OR UNIVERSITY COMMITTEE** **ASSIGNMENTS**

2008-10 Member, Research Council, Floating Hospital for Children at Tufts Medical Center

2008-10 Member, Scientific Affairs Committee, Tufts University School of Medicine

2009-10 Chair, Scientific Affairs Committee, Tufts University School of Medicine

2013- Member, ad-hoc Faculty Affairs Committee, Tufts University School of Medicine

2014 Member, Research Strategic Plan Executive Committee, Tufts University School of Medicine

2014 Chair, Research Vision Committee, Tufts University School of Medicine

2014-20 elected Member, Clinical Appointment and Promotion Committee

2014 Member, Computational and Quantitative Skills and Methods Working Group, Tufts University

2014 Chair, Self-Study Committee on Research, Public Health Programs, Tufts University School of Medicine

2015 Member, Tufts Health Sciences Institutional Review Board

2016- Co-Chair, Departmental Research Committee, Dept. of Public Health and Community Medicine, Tufts University School of Medicine

2017-20 elected Member, Academic Research Awards Committee, Tufts University School of Medicine

2019-20 Chair (elected), Clinical Appointment and Promotion Committee

2019-20 • Member, Health Informatics and Analytics Admissions Committee

**HOSPITAL, MEDICAL SCHOOL, OR UNIVERSITY COMMITTEE** **ASSIGNMENTS (cont.)**

2019- • Member, Health Informatics and Analytics Steering Committee

• Member, University-Wide Degree Programs Committee, Tufts University College

• Member, Junior Appointment Committee, Tufts PHCM

2020 • Member ex officio, University-wide Committee on Teaching and Faculty Development, Tufts University

• Member ex officio, Tufts University Cabinet for Diversity and Inclusion, Tufts University

• Member ex officio, Academic Deans subcommittee of Academic Continuation Committee, Tufts University

• Member ex officio, Tufts University Research Council

2021 • Member, Biostatistician Search Committee, Center for Quantitative Methods and Data Science, Tufts Institute for Clinical Research and Health Policy Studies

• Chair, Admissions Committee, Tufts University School of Medicine, Public Health Programs

• Member, Committee on Oversight, Tufts University School of Medicine

**OTHER MAJOR COMMITEE ASSIGNMENTS**

1995 - 2002 Member, Data Analysis Committee, Developmental Epidemiology Network Study, USA

1999 Member, Planning Committee, Workshop on Infection in Pregnancy and Neurodevelopment Centers for Disease Control, Atlanta, USA

1999 -2002 Member, Executive Committee, ELGAN Study, USA

2003 Member, Evaluation Panel, Life Sciences, Genomics and Biotechnology for Health, 6th Framework Programme, European Commission

2004 Member, Planning Committee, Workshop on the Definition and Classification of Cerebral Palsy, Bethesda, MD, USA

2005, 2006 Ad-hoc member, Perinatology/Neonatology Study Section, Center for Scientific Review, National Institutes of Health, USA

2006 - Scientific Advisory Board, Genexion S.A., Geneva, Switzerland

2006 Invited Discussant, Hot Topics in Neonatology, Washington, DC, USA

2007 Member, Evaluation Panel, Life Sciences, Genomics and Biotechnology for Health, 7th Framework Programme, European Commission

2012-15 Member, Perinatology/Neonatology Study Section (PN), Center for Scientific Review, National Institutes of Health, USA

7/2015 Ad hoc member, Special Emphasis Panel, Brain Disorders and Clinical Neurosciences (ZRG1 BDCN-W (03)), Center for Scientific Review, National Institutes of Health, USA

11/2017 Ad hoc member, (ZRG1 PSE-N (90) S),Center for Scientific Review, National Institutes of Health, USA

2018-20 Member, Infectious Disease, Reproductive Health, Asthma, and Pulmonary Conditions Study Section (IRAP), Center for Scientific Review, National Institutes of Health, USA

11/2018 Ad hoc member, (ZRG1 BDCN-W (02) S),Center for Scientific Review, National Institutes of Health, USA

2019 Founding Member, Advisory Board, Health Data Science Association

**AWARDS AND HONORS**

1998 Ethel Hausman Clinical Research Scholars Award (1998-2001)

United Cerebral Palsy Educational and Research Foundation

2002 Peter Hope Guest Lecturer, European Perinatal Brain Club

2010 March of Dimes Lecturer, Perinatal Research Society, 2010

2015 Excellence in Teaching Award, Tufts MD/MPH and DVM/MPH Tracks

2015 New England Perinatal Society Mentor Award

2015-2016 Outstanding Tufts University School of Medicine Lecturer

**TRAINING OF GRADUATE STUDENTS/POST DOCTORAL**

**Name Current position**

Johannes Drescher, Dr.med Human Resource Kontor, Hamburg (Germany)

Heike Losch, Dr.med. Staff Physician, Dept. of Pediatrics, Bremerhaven Hospital (Germany)

Dorothee Bartels, PhD Industry (Germany)

Julia Kerk, Dr.med. Staff Physician, Dept. of Obstetrics, Bremen (Germany)

Wolfgang Büter, Dr.med. Physician and Research Associate, Hannover Medical School (Germany)

Adam Wolfberg, MD Boston MFM, Boston, USA

Ayse Citil, MD Obstetrics, Zekai Tahir Burak Women's Hospital

Ankara, Turkey

M. Lily Chen, MD, MPH Research Associate, Center for Child & Adolescent Eealth Research and Policy, Massachusetts General Hospital , Boston USA

Cynthia D.J. Kusters, MD PhD candidate, Epidemiology, UCLA

Juliette Madan, MD, MS Assistant Professor, Attending in Newborn Medicine

Dartmouth Medical Center

Shadi Malaeb, MD St. Christopher’s Hospital for Children, Philadelphia, PA

Alisse Hauspurg, MD Resident, OB/GYN, Alpert Medical School, Brown University, Providence, RI

Sarah Hassan, Dr.med. Physician, Göttingen, Germany

Ceara McNiff, MD Neonatologist, Beverly Hospital, Beverly, MA

Children's Hospital Boston, Boston, MA

Elizabeth Pleickhardt, MD Neonatologist, Onsite Neonatal Partners, Voorhees, NJ

Mountainside Hospital, Montclair, NJ

**TRAINING OF GRADUATE STUDENTS/POST DOCTORAL (cont.)**

Insa Hoffmann, MD Post-Doc, Hannover Medical School, Germany

Sonal Patel, MD Neonatologist, Denver Health, Denver, CO

Kristi Washburn Tolsma, MD Meritus Health, Pediatrix of Maryland, Rockville, MD

Jennifer Lee, MD Neonatologist, Beverly Hospital, Beverly, MA

Julie Bartholomew, MD Neonatologist, Jokish General Hospital

Assistant Professor, Pediatrics, McGill University, Montreal, Canada

Malek Mazzawi, MD MD student, University of Massachusetts, Worcester, MA

Jelske van der Burg, PhD Assistant Professor, VU University Amsterdam, The Netherlands

Carmina Erdei, MD Neonatologist, Developmental-Behavioral Pediatrician

Brigham & Women’s Hospital, Harvard Medical School

Alex Fiorentino, MD MD student, Williams Research Fellow, Summer 2014

*“Evidence, Disease, and Causation: an epidemiologic perspective on the Russo-Williamson Thesis”*

Erik Escobar College student, McNair Scholar, St. Edwards College TX, Research intern, Summer 2014

*“Agent-based computational model of the prevalence of gonococcal infections after the implementation of HIV pre-exposure prophylaxis guidelines”*

Ryan Durgham Wellesley High School Graduate, Summer student, 2014

*“Population model of retinopathy of prematurity”*

Mari Holm, MD Physician at St. Olav’s Hospital, Trondheim, Norway

(Postdoctoral research fellow, 2/2014-1/2016)

Maheer Faden, MD Neonatologist at [King Abdullah bin Abdulaziz University Hospital](https://www.facebook.com/pages/King-Abdullah-bin-Abdulaziz-University-Hospital/1926584520701683?eid=ARAeuklXOn5nJHN-Xhcc7fQXpLfi3wz4JlmlDxxXBw_LOFWHJg9UMDPoGe4ocv_rBon6pHNw9p6GBECl&timeline_context_item_type=intro_card_work&timeline_context_item_source=776485533&fref=tag),

Riyadh, Saudi Arabia

(Post-doc, 8/2014 – 7/2015)

Caroline Ricard, M’19 MD student, Williams Research Fellow, Summer 2016

*“Clinical Prediction Score for Retinopathy of Prematurity”*

Sadchla Mathieu, MS Statistical Programmer at Pfizer

(Research Associate, Python Developer, 6/2015-6/2017)

Ryan Flanagan, MD Resident Physician, Massachusetts General Hospital, Boston

(Applied Learning Experience, 2016/17)

**TRAINING OF GRADUATE STUDENTS/POST DOCTORAL (cont.)**

Suhila Sawesi, PhD Post-Doctoral Scholar, Health Informatics and Analytics, 2019-21

Sigrid Hegna Ingvaldsen PhD-student, NTNU/Tufts, 2020 -

**TEACHING RESPONSIBILITIES**

MH Hannover (2002-6)

MD/PhD Program, Hannover (Molecular Epidemiology)

Epidemiology for Medical Students (Seminar/Tutorials)

Epidemiology within MPH-Programm (Seminar „Test validation“)

Electives (How to write an abstract, Perinatal Epidemiology, Molecular Epidemiology)

Bedside teaching (Pediatrics, Neonatology)

Tufts University (since 2008)

MD/MPH Program (Integrating Public Health, Clinical Epidemiology)

MPH, MBS Programs (Principles of Epidemiology)

MD Program (Epidemiology & Biostatistics)

DRMD Program (Quantitative Methods in Drug Development)

HIA (Health Informatics & Analytics)

**PROFESSIONAL SOCIETIES**

1995 Society for Pediatric and Perinatal Epidemiologic Research

2002 Society for Pediatric Research

2005 European Society for Pediatric Research (affiliate member)

2007-8 Perinatal Research Society

2011- Philosophy of Science Association

2014- American Public Health Association

2015-18 European Philosophy of Science Association

2017- Philosophy of Medicine Roundtable

2018-20 Interdisciplinary Association for Population Health Science

2019- American Medical Informatics Association

2019- Health Data Science Association

**OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES**

2011 - 2013 Society for Pediatric Research, Student Research and House Officer Awards Selection Committee

2016 - 2017 Board of Trustees, International Pediatric Research Foundation

**INVITED PRESENTATIONS, PANELS (since 1999)**

1999 • Faculty (multiple lectures), Perinatal & Developmental Medicine Symposium, Mead Johnson Nutritionals, Aspen, Colorado

• Infectious Disease Society of Obstetrics and Gynecology, Toronto, Canada

• CDC Workshop on Infection in Pregnancy and Cerebral Palsy, Centers for Disease Control, Atlanta, GA

2000 • Seminar lecture, Newborn Epidemiology and Clinical Research Seminar Series, Beth Israel Hospital, Boston, MA

• Faculty (multiple lectures), Neonatal Neurology Seminar, IPOKRaTES, Gilleleje, Denmark

• Seminar lecture, Div. of Maternal-Fetal Medicine, Brigham and Women's Hospital, Boston, MA

• MacKeith Meeting at the Royal Society of Medicine, London, UK

• Neuroimmunology Symposium, Humboldt-University, Charité, Berlin, Germany

• Annual Neonatal Network Dinner, Columbia University, New York, NY

• Child Neurology Society Annual Meeting, St. Louis, MO

2001 • 1st Sam Hersch Cerebral Palsy Symposium, Salk Institute, La Jolla, CA

• Society for Epidemiologic Research Annual Meeting, Toronto, Canada

2002 • Pediatric Academc Societies' Annual Meeting, Baltimore, MD

• Swedish Society of Obstetrics and Gynecology, Stockholm, Sweden

• Peter Hope Guest Lecture, European Perinatal Brain Club, Madrid, Spain

• Lecture, Continuing Education Seminar, Dept. of Pediatrics, Hannover Medical School

• Lecture, Neonatology Course 2002, Hammersmith Hospital, Imperial College, London, UK

• Faculty (multiple lectures), Neonatal Neurology Seminar, IPOKRaTES, Kuwait

2003 • EPIcure Meeting, Nottingham, UK

• Obstetrics – Safe and Gentle, Bochum University, Germany

• Surveillance of Cerebral Palsy in Europe Meeting, Tübingen, Germany

• Society for Neonatology and Pediatric Intensive Care, Köln, Germany

• 59. Berzelius Symposium, Swedish Society of Medicine, Göteborg, Sweden

• International Neonatal Symposium, Dept. of Pediatrics, University of Heidelberg, Germany

• 1. Perinatal Advent Meeting, Dept. of Pediatrics, St. Bernward Hospital, Hildesheim, Germany

2004 • Spring Meeting, The Neonatal Society, London, UK

• Dept. of Pediatrics, Würzburg University, Germany

• 20th International Workshop on Surfactant Replacement, Vienna, Austria

• 2nd International Preterm Labor Congress, Montreux, Switzerland

• 3rd Nordic CME in Neonatology, Oslo, Norway

2005 • 30th Perinatology CME Seminar Bremen, Germany

• 1st Cologne Symposium on Preterm Birth, Cologne, Germany

• New Frontiers in Neonatology, Innsbruck, Austria

• Symposium on Neuroprotection in early Life, Venice, Italy

• International Neonatal Immunotherapy Study (INIS), Annual Meeting, Oxford, UK

• Recent Advances in Neonatal Medicine, Wuerzburg, Germany

• 22. German Congress for Perinatal Medicine, Berlin, Germany

2006 • Cerebral Palsy Symposium, Paris, France

• Annual Meeting of the Hellenic Neonatal Society, Athens, Greece

• Europaediatrics, Barcelona, Spain

• European Leukodystrophy Foundation (ELA), Paris, France

• Grand Rounds in Pediatrics, Tufts-New England Medical Center, Boston

2007 • XIX Post-Graduate Course “Perinatal Brain Damage”, Mariani Foundation, Lucca, Italy

• 6th National Advanced Forum on Obstetric Malpractice, Philadelphia, PA

• Clinical Epidemiology, Symposium at University Würzburg, Germany

2008 • Miami Neonatology 2008, Miami Beach, FL

• EURAIBI Meeting, Siena, Italy

• 7th National Advanced Forum on Obstetric Malpractice, Boston, MA,

• British Association of Perinatal Medicine, Harrogate, UK

• 6th Hershey Conference on Perinatal Neuroscience, Paris, France

• 6th International Neonatal Hematology and Immunology Meeting, Boston

• European Academy of Pediatrics, Nizza

• Neurobiology of Disease in Children, Santa Clara, CA

2009 • Grand Rounds in Neurology, Tufts-New England Medical Center, Boston

• Vanderbilt Neonatology Symposium 2009, Nashville, TN

2010 • Epidemiology Lunch Seminar, Harvard School of Public Health, Boston

• INIS Study Results Day, London, UK

• Perinatal Research Society Annual Meeting, Avon, CO

• European Society for Pediatric Research, Copenhagen, DK

2011 • European Society for Pediatric Research, Newcastle, UK

• Child Neurology Society, Savannah, GA

• Research in Progress Seminar, New England Eye Center at Tufts Medical Center, Boston

2012 • Research Seminar, Developmental Pediatrics, Tufts Medical Center, Boston

• European Society for Pediatric Research, Istanbul, Turkey

2013 • Visiting Professor, Saint Louis University (inv.)

• 40th Anniversary of the Austrian Society for Obstetrics and Gynecology, Vienna, Austria

• Pediatric Academic Societies Annual Meeting, Washington DC

• European Society for Pediatric Research, Porto, Portugal (inv)

• 1st Canadian National Perinatal Research Meeting, Banff, Canada

• Research Seminar, Shire Pharmaceuticals, Lexington, MA

• Symposium on Systems Medicine: Pioneers of Health and Wellness, European Institute for Systems Biology & Medicine, Lyon, France

2015 • European Society for Pediatric Research, Budapest, Hungary

2016 • Hershey Meeting on Developmental Neuroscience, Romainville, France

2020 • Panelist, Webinar with Institute for the Future of Knolwedge, University of Johannesburg, South Africa

2021 • Health, Medicine, and Society Program, Dept. of Philosophy, University of Redlands, CA. “Helpful Coherence: Etiological Explanations and Beyond” (2/17/21)

• Epidemiology PhD Program, Emory University, GA. “Mendelian Randomization and Causal Inference” (5/5/21)

• Perinatal Management Conference, Div. Neonatal Medicine, Womens’ and Infants’ Hospital Rhode Island, RI, “Perinatal Inflammation and Retinopathy of Prematurity” (8/11/21)

**MAJOR RESEARCH INTERESTS**

My research interest in epidemiology is the etiology of perinatal retina and brain disease. I am particularly interested in a scenario that postulates a major role for intrauterine infection as an initiator of maternal and fetal inflammatory responses that, in turn, contribute to the development of brain white matter damage and retinopathy of prematurity (ROP) among preterm newborns. My primary ongoing research project (with colleagues Alan Leviton, Liz Allred, and Mike O’Shea) is the epidemiologic analysis of data from the ELGAN study, a multicenter study of ~1500 preterm infants born at <28 weeks gestation. A book on the results of this study has been published, *Extremely Preterm Birth and Its Consequences* (MacKeith Press, 2021). I have been R21 and R01-funded by the National Eye Institute to study inflammatory biomarkers and ROP. My ongoing collaborations are with colleagues at Hannover Medical School in Germany (Lars Brodowski, Constantin von Kaisenberg, Thilo Dörk, and Peter Hillemanns) and the Norwegian Technichal (Tora Sund Morken and Dordi Austeng).

In philosophy, my area of interest is causal inference and etiological explanation. My first book in this field is *Causation in Population Health Informatics and Data Science*, co-authored with philosopher Ben Smart (Springer, 2019). The second is *Etiological Explanations* (CRC Press, 2020). The third will be a metaphysics of causality in epidemiology, tentatively entitled *Health and Causation.*

**RESEARCH SUPPORT**

**Previous research support:**

Deutsche Forschungsgemeinschaft (Schu 120/16-5)

Research Grant „Development of Preterm Infants“

1994-1996

Co-Investigator

Deutsche Forschungsgemeinschaft (Da 428/2-1)

1997-1998

Career Development Award „Postnatal Risk Factors for Cerebral Periventricular Echoabnormalities in Very Low Birthweight Infants“

Principal Investigator

United Cerebral Palsy (R 712-96)

Research Grant „Postnatal Antecedents and Correlates of the Cranial Sonographic Images that predict Cerebral Palsy in Very Low Birthweight Infants”

$ 100,000

1996-1998

Co-Investigator

United Cerebral Palsy (EH 003-98)

Clinical Research Scholar Award „Molecular markers of inflammatory insult and endogenous protection in the etiology of cerebral palsy in very low birthweight infants” ($ 150,000)

1998-2001

Principal Investigator

NIH / National Institute of Neurological Disorders and Stroke (1 U01 NS 40069)

Cooperative Agreement “Molecular Antecedents of Brain Damage in Preterm Infants” (PI Alan Leviton,

total approx $ 20,000,000

2001-2006

Co-Investigator

Hannover Medical School

Internal Research Support Grant „Cytokine Polymorphisms and Brain Damage in Preterm Newborns”

€ 16,000

2003-2004

Principal Investigator

**Previous research support (cont.):**

Wilhelm-Hirte-Foundation, Hannover

Training Grant for post-doctoral Fellow

€ 35,000

2003-2004

Principal Investigator

Wilhelm-Hirte-Foundation, Hannover

Personnel Grant for post-doctoral Fellow

€ 162,500

2005-2007

Principal Investigator

Thrasher Foundation (USA)

“The Role of Inflammation in Infant Chronic Lung Disease and Related Outcomes” (PI Carl Bose, $270,000

2005-2007

Consultant

Medical Research Council (United Kingdom)

“Melatonin as a novel neuroprotectant in preterm infants” (PI A.D. Edwards)

UK Pounds 475,000

2006-2008

Co-Investigator

European Commission, 6th Research Framework Program (LSHM-CT-2006-036534)

“NEOBRAIN – Neonatal Estimation of Brain Damage Risk and Identification of Neuroprotectants”

€ 3,300,000

2006-2010

Principal Investigator / Coordinator

Richard Saltonstall Foundation

Institutional grant to Floating Hospital for Children at Tufts Medical Center “Pediatric Clinical Research Center”

$ 90,000

2008-2010

Principal Investigator (ex officio),

NIH / National Eye Institute (1R21EY019253-01)

“Placenta bacteriology and histology in the etiology of retinopathy of prematurity”

$ 468,780

2009-2011

Principal Investigator

HEALTH-F2-2009-241778, “Neuroscience on Barriers in Development (neurobid)”

European Commission, 7th Research Framework Program

€ 2,980,000

2010-2013

Principal Investigator / Coordinator

TUFTS-Collaborates!, “Computational Population Model of Retinopathy of Prematurity”

Office of the Vice Provost for Research, Tufts University

$ 49,770

2014-2015

Lead Principal Investigator

NINDS (2R01NS040069-06A2), “Neonatal Biomarkers in Extremely Preterm Babies Predict Childhood Brain Disorders (“ELGAN-II”)”

2011-2014

Co-Investigator (PI: Karl Kuban)

NIH/NEI (R01EY021820), “Circulating Biomarkers and Retinopathy of Prematurity”

NIH

2013-2017

Principal Investigator

Tufts University School of Medicine Chairs’ Initiative for Strategic Research Collaborations (M530910), “Computational Process Model of Inflammation in a Population Occurrence Model of Retinopathy of Prematurity”

2016-2017

Principal Investigator

European Commission FP7-HEALTH-2010-two-stage; Proposal No: 282533, “Dobutamine for NEOnatal CIRCulatory failure defined by novel biomarkers (NEO-CIRC)”

2011-2015

Co-Investigator (PI: Heike Rabe)

**Current research support:**

NIH UH3 OD023348 “Environment, Epigenetics, Neurodevelopment & Health of Extremely Preterm Children”

2016-2023

Co-Investigator (MPI: T. Michael O’Shea, Rebecca Fry)

**EDITORIAL BOARDS AND POSITIONS**

2004 - 2010 **Early Human Development** (Editorial Board)

2006 - 2010 **Neonatology** (formerly Biology of the Neonate)(Editorial Board)

2006 - 2010 **Acta Paediatrica** (Editorial Board)

2011 - 2015 **Pediatric Research** (Editor-in-Chief)

2015 - 2016 **Pediatric Research** (Section Editor, Epidemiology and Public Health)

2015 - **Perspectives in Biology and Medicine** (Editorial Board)

2016 - **Online Journal of Public Health Informatics** (Editorial Board)

2020 - **Philosophy & Medicine** (Editorial Advisory Board)

**Editorial boards and positions (cont.)**

2022 - **medicina** (Section Editor in Chief, Health Humanities)

**Perspectives in Biology and Medicine** (Associate Editor)

**BIBLIOGRAPHY**

***Peer-reviewed publications (medicine)***

1. Dammann O, Commentz JC, Valdueza JM, Christante L, Bentele KHP. Gelastische Epilepsie und Pubertas praecox bei Hamartom des Hypothalamus. (Title translation: Gelastic epilepsy, precocious puberty, and hamartoma of the hypothalamus) Klinische Pädiatrie 1991; 203:439-447.
2. Oexle K, Dammann O, Bechmann B, Vortmeyer AO, Neumaier Probst E: Intracranial chordoma in a neonate. European Journal of Pediatrics 1992; 151:336-338.
3. Veelken N, Schopf M, Dammann O, Schulte FJ. Etiological classification of cerebral palsy in very low birthweight infants. Neuropediatrics 1993; 24:74-76.
4. Valdueza JM, Lohmann F, Dammann O, Hagel C, Eckert B, Freckmann N. Analysis of 20 primarily surgically treated chiasmatic / hypothalamic pilocytic astrocytomas. Acta Neurochirurgica 1994;126:44-50.
5. Valdueza JM, Lohmann F, Hagel C, Dammann O, Freitag J, Herrmann HD. Optic pathway glioma: management and prognosis in 25 surgically treated cases. Advances in Neurosurgery 1994;22:57-64.
6. Valdueza JM, Christante L, Dammann O, Bentele K, Vortmeyer A, Saeger W, Padberg B, Freitag J, Herrmann HD. Hypothalamic hamartomas: reference to gelastic epilepsy and surgery. Neurosurgery 1994; 34:949-958.
7. Dammann O, Walther H, Allers A, Schröder M, Drescher J, Lutz D, Commentz JC, Veelken N, Schulte FJ. Perinatale, soziodemographische und neuromotorische Determinanten der kognitiven Entwicklung Frühgeborener im Vorschulalter. (Title translation: Perinatal, sociodemographic, and neuromotor determinants of the cognitive development of preschool children born preterm) Monatsschrift Kinderheilkunde 1995;143:1235-1241.
8. Commentz JC, Dammann O. Impaired melatonin secretion following cranial irradiation in pubertal girls. Neuroendocrinology Letters 1995; 7:231-236.
9. Dammann O, Hagel G, Allers B, Grubel G, Schulte FJ. Malignant melanotic neuroectodermal tumor in infancy. Childs Nervous System 1995;11:186-188.
10. Dammann O, Walther H, Allers A, Schröder M, Drescher J, Lutz D, Veelken N, Schulte FJ. Development of a regional cohort of very-low-birthweight children at six years: cognitive abilities are associated with neurologic disability and social background. Developmental Medicine and Child Neurology 1996;38:97-108.
11. Dammann O, Hellwege HH, Sommer B. Low birthweight in Germany 1990-92. Pae diatric and Perinatal Epidemiology 1996;10:130-135.
12. Commentz JC, Henke A, Dammann O, Hellwege HH, Willig RP. Decreasing melatonin and 6-OH-melatonin sulfate excretion with advancing gestational age in preterm and term newborn male infants. European Journal of Endocrinology 1996;135:184-187.
13. Dammann O, Dammann CEL, Leviton A. Magnesiumsulfat und Zerebralparese bei Frühgeborenen. (Title translation: Magnesium sulfate and cerebral palsy in preterm infants) Geburtshilfe und Frauenheilkunde 1997;57:670-674.
14. Dammann O, Leviton A. Duration of transient hyperechoic images of white matter in very-low-birthweight infants: a proposed classification. Developmental Medicine and Child Neurology 1997;39:2-5.
15. The Developmental Epidemiology Network Investigators. The correlation between placental pathology and intraventricular hemorrhage in the preterm infant. Pediatric Research 1998;43:15-19.
16. Dammann O, Leviton A. Maternal intrauterine infection, cytokines, and brain damage in the preterm newborn. Pediatric Research 1997;42:1-8.
17. Dammann O, Leviton A. Does prepregnancy bacterial vaginosis increase a mother's risk of having a preterm infant with cerebral palsy? Developmental Medicine and Child Neurology 1997;39:836-840.
18. Dammann O, Allred EN, Veelken N. Increased risk of spastic diplegia among very low birthweight children after preterm labor or prelabor rupture of membranes. Journal of Pediatrics 1998;132:531-5.
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1. *Olaf Dammann is author as member of the Developmental Epidemiology Network Investigators*  [↑](#footnote-ref-1)
2. *Olaf Dammann listed in PubMed as author by virtue of being an ELGAN Study Investigator*  [↑](#footnote-ref-2)