

CURRICULUM VITAE

Name: Anne Eichmann, Ph.D.

Education: Physikum in Veterinary Medicine, Freie Universität Berlin, Germany, 1986
M.Sc., the Weizmann Institute, Rehovot, Israel, 1989
Ph.D. Molecular and Cell Biology, Université Paris XIII, 1994
Habilitation à Diriger des Recherches, University of Marne-la-Vallée, 2000
M.Sc., Yale University Medical School, New Haven CT, 2012

Career/Academic Appointments:

1994-96 Postdoctoral fellow, Institut d'Embryologie, Nogent-sur-Marne, France (Prof. Nicole Le Douarin)
1994 Kyoto University, Japan (Prof. Shin-Ichi Nishikawa)
1996 EMBO fellow, Haartman Cancer Research Institute, Helsinki University, Finland (Prof. Kari Alitalo)
1997-02 Research fellow 1st class (CR1), Centre National de la Recherche Scientifique CNRS, Institut d'Embryologie, Nogent-sur-Marne, France
2000 Harvard Medical School, Boston, USA (Prof. Andrew Lassar)
2002-05 Research Director 2nd class (DR2) CNRS, Inserm U36, Collège de France, Paris
2005-07 DR2 INSERM, Inserm U36, Collège de France
2007-2015 Research Director 1st class (DR1), Inserm U833, Collège de France
2010- Professor of Medicine, Cardiology Department, Yale University School of Medicine, New Haven, CT
2012- Ensign Professor of Medicine, Cardiology Department, Yale
2013- Professor of Cellular and Molecular Physiology, Yale
2015- DR1 Inserm U970, Paris Cardiovascular Research Center

Administrative Positions:

2001-2006 Inserm Avenir Young Investigator, Inserm U36, Collège de France, Paris
2007-2011 Director, Inserm U833 'developmental and pathological angiogenesis', Collège de France, 75005 Paris, France
2009-2011 Director, Federative Research Institute (IFR52), Collège de France, Paris

Professional Honors & Recognition

A) International/National/Regional

2013: Elected EMBO member
2009: Liliane Bettencourt prize for Life Sciences
2009: Chevalier de l'ordre national du mérite
2008: Inserm Research Award
2006: Jean Bernard award from the Medical Research Foundation FRM
2006: Young investigator award, Simone and Cino Del Duca Foundation
2005: renewal of INSERM Avenir award for two years based on excellent performance
2002: Young investigator award, Schlumberger Foundation
2002: INSERM young investigator Avenir award
1999: Young investigator award, Ministère de l'Éducation et de la Recherche (ACI)
1996: EMBO short-term fellowship award

1995: Prix Expolangues for the German French translation of the Atlas de poche d'Embryologie (Taschenatlas der Embryologie), Ullrich Drews (Flammarion)

B) University

1991: Boehringer Ingelheim PhD fellowship award
1983: Schoeffel Preis for Literature, Germany

Grant History:

A) Current Grants

Agency: Leducq foundation for cardiovascular research
Title: ATTRACT: Arterial flow as attractor for endothelial cell migration – a new concept in vascular malformation and stroke regeneration
P.I.: Holger Gerhardt, Doug Marchuk
Percent effort: 25%
Direct costs per year: 200 000\$/year
Total costs for project period: \$1.000.000
Project period: 01/01/2018 – 12/31/2022

Agency: NEI 1 R01 EY025979-01
Title: Novel approaches to manipulate sprouting angiogenesis
P.I.: Anne Eichmann
Percent effort: 25%
Direct costs per year: 225 000\$/year
Total costs for project period: \$1.125.000
Project period: 08/01/2015 – 30/06/2020

Agency: NHLBI 1R01HL1125811
Title: Targeting endothelial migration to prevent neovascularization
P.I.: Anne Eichmann
Percent effort: 25%
Direct costs per year: 250 000\$/year
Total costs for project period: \$1.000.000
Project period: 07/01/2015 – 06/30/2019

Agency: NHLBI 2 R01 HL 062289-15
Title: Syndecan Function in Endothelial Cells
P.I.: Mike Simons, M.D. Ph.D
Percent effort: 10%
Direct costs per year: 275 000\$/year
Total costs for project period: \$1100.000
Project period: 5/1/1999 – 6/30/2017

B) Past Grants

Agency: NHLBI 1R01HL111504-01
Title: Role of Neuropilin receptors in lymphangiogenesis
P.I.: Anne Eichmann, PhD.
Percent effort: 30%
Direct costs per year: 250 000\$/year

Total costs for project period: \$1.000.000
Project period: 01/12/2011 – 30/11/2015

Agency: Edward N and Della L Thome Memorial Foundation
Title: Inducing vessel quiescence in age-related macular degeneration
P.I.: Anne Eichmann, PhD.
Percent effort: 30%
Direct costs per year: 250 000\$/year
Total costs for project period: \$750.000
Project period: 01/01/2012 – 12/31/2014

Agency: Leducq foundation for cardiovascular research
Title: Transatlantic Therapeutic Arteriogenesis and Metabolism Network (ARTEMIS)
P.I.: Mike Simons, M.D. Ph.D
Role in project: core member
Percent effort: 30%
Direct costs per year: €200 000
Total costs for project period: € 1 000 000
Project period: 10/01/2009 – 09/30/2014

Agency: Bettencourt Foundation
Title: Molecular mechanisms of vascular development
P.I.: Anne Eichmann
Percent effort: 20%
Direct costs per year: € 73 000
Total costs for project period: € 200 000
Project period: 10/12/2009 – 9/12/2012

Agency: INSERM
Title: Developmental and pathological angiogenesis
P.I.: Anne Eichmann, PhD.
Percent effort: 20%
Direct costs per year: 273 984 €/year
Total costs for project period: €1,643 904
Project period: 01/01/2007 – 12/31/2011

Agency: French Research Ministry
Title: “Interdisciplinary biology research at Collège de France Federative research Institute IFR52”
P.I.: Anne Eichmann, Ph.D”
Percent effort: 10%
Direct costs per year: 82 500 €/year
Total costs for project period: € 330 000
Project period: 01/01/2009 – 12/31/2011

Agency: Cancer Research Association
Equipment grant
Title: Imaging tumor vascular development
P.I.: Anne Eichmann
Percent effort: 10%
Direct costs for equipment: € 300 000

Project period: 10/10/2010 – 9/10/2011
Funding for a confocal microscope acquired in 2011

Agency: Medical Research Foundation (FRM)
Equipment grant
Title: “Molecular heterogeneity of neurons and endothelial cells”
P.I.: Alain Prochiantz”
Role in project: Co-P.I
Total costs for equipment: € 300 000
Funding for a cell sorter acquired in 2009

Agency: Ile de France Region
Equipment grant
Title: “Zebrafish for studying neurovascular interactions”
P.I.: Alain Prochiantz”
Role in project: Co-P.I
Total costs for equipment: € 150 000
Funding for a zebrafish facility acquired in 2009

Agency: Agence Nationale de la Recherche
Title: “Endothelial growth cones”
P.I.: Anne Eichmann, PhD..
Percent effort: 15%
Direct costs per year: €50 000
Total costs for project period: € 200 000
Project period: 05/01/2007 – 04/30/2011

Agency: Agence Nationale de la Recherche
Title: “Neurovascular development”
P.I.: Jean-Léon Thomas, PhD.
Role on Project: Co-investigator
Percent effort: 10%
Direct costs per year: €35 924
Total costs for project period: € 107 772
Project period: 05/01/2006 – 04/30/2009

Agency: Agence Nationale de la Recherche
Title: “Arterial differentiation”
P.I.: Jean-Plouet, PhD.
Role on Project: Co-investigator
Percent effort: 10%
Direct costs per year: €25 000
Total costs for project period: € 75 000
Project period: 05/01/2006 – 04/30/2009

Agency: Cancer Research Association-National Cancer Institute (ARC-INCA)
Title: “Endothelial cells in the tumor environment”
P.I.: Catherine Sautès-Fridman, PhD.
Role on Project: Co-investigator
Percent effort: 10%
Direct costs per year: €30 000

Total costs for project period: € 60 000
Project period: 05/01/2007 – 04/30/2009

Agency: European Community
Title: "Lymphangiogenomics"
P.I.: Kari Alitalo, PhD.
Role on Project: Co-investigator
Percent effort: 10%
Direct costs per year: €65 400
Total costs for project period: € 327 000
Project period: 05/01/2004 – 04/30/2009

Agency: Medical Research Foundation (FRM)
Equipment grant
Title: "Imaging neurovascular development"
P.I.: Anne Eichmann, PhD.
Total costs for equipment: € 310 000
Funding for a multiphoton microscope acquired in 2007

Agency: Fondation Simone et Cino DeIDuca
Title: "Molecular control of vascular development"
P.I.: Anne Eichmann, PhD.
Percent effort: 25%
Total costs for project period: € 100,000
Project period: 07/01/2007 – 06/30/2008

Agency: Inserm
I.D.# Avenir
Title: "Molecular control of vascular development"
P.I.: Anne Eichmann, PhD.
Percent effort: 50%
Total costs for project period: € 300,000
Project period: 04/01/2002 – 12/31/2006

Agency: Fondation Schlumberger pour L'Education et la Recherche
Title: "Molecular control of vascular development"
P.I.: Anne Eichmann, PhD.
Percent effort: 50%
Total costs for project period: € 150,000
Project period: 04/01/2002 – 12/31/2005

Agency: Ministère de l'Education et de la Recherche (ACI)
Title: "Molecular control of hemangioblastic development"
P.I.: Anne Eichmann, PhD
Percent effort: 50%
Total costs for project period: € 150,000
Project period: 07/01/1999 – 06/30/2001

Agency: Cancer Research Association (ARC)
Title: "VEGF receptors and endothelial differentiation"
P.I.: Anne Eichmann, PhD

Percent effort: 50%.

Total costs for project period: € 50,000

Project period: 07/01/1997 – 06/30/1999

Lectures, Courses, Web-based Education:

Courses:

- 2018: CBIO Systems Cell Biology, Yale University Cell Biology Department, 2 lectures
- 2016: Vascular Cell Biology Course, Yale University Cell Biology Department, 2 lectures
- 2015: Postdoctoral fellow seminar, NIH Vascular development program
- 2015: Master Class, Paris Cardiovascular Research Center
- 2014: Vascular Cell Biology Course, Yale University Cell Biology Department, 3 lectures
- 2013: McGill Biomedical Graduate Conference, oral presentation judge and speaker
- 2013: Vascular Cell Biology Course, Yale University Cell Biology Department, 2 lectures
- 2012: PhD student day, CMCBI Kings College London
- 2011: Clinical Neuroscience Grand Rounds, Yale University Medical School
- 2011: Medical Grand Grounds, Yale University Medical School
- 2005-2010: 2-3 courses/year in France for M2 and PhD students
- 2010: CNR Institute of Neuroscience, Milano, PhD program lecture
- 2009: European School of Cardiology basic Science Summer School, 2 invited courses
- 2007: Vasculata, UNC Chapel Hill, invited lecture
- 2005: Master class, Cardiovascular Research Institute Maastricht, Holland

Lectures:

- 2017: Cole Eye Institute, Cleveland Clinic, Ohio
- 2017: Kansas University Medical Center
- 2017: Max-Delbrueck Center for Molecular Medicine, Berlin, Germany
- 2017: Albert Einstein Medical College, NY
- 2017: Washington University St Louis Missouri
- 2017: Oklahoma Medical Research Foundation
- 2016: UNC Chapel Hill
- 2016: Federal University of Rio de Janeiro, Brazil
- 2016: Cochin Research Institute, Paris
- 2016: Weizmann Institute of Science, Israel, Vascular Biology Club
- 2016: University of Virginia, Cell Biology and Cardiovascular Research departments
- 2015: Albert Einstein Medical College, NY
- 2015: Northwestern University Chicago, Feinberg Medical School
- 2015: University of Pennsylvania Medical School
- 2015: Cincinnati Children's Hospital
- 2015: Missouri University Columbia
- 2015: UCLA, Department of Cell and Molecular Developmental Biology
- 2014: Cell Signaling Technologies, Boston
- 2014: VBT retreat, Yale University
- 2014: Necker Hospital, Paris, France
- 2014: Van Andel Research Institute, Grand Rapids, Michigan, USA
- 2014: Kitasato University, Japan
- 2013: Weill Medical College New York
- 2013: Eli Lilly, Indianapolis, USA
- 2013: Physiology Department, Yale University
- 2012: Columbia University College of Physicians and Surgeons, NY, USA

- 2012: Danny Thomas Lecture, St. Jude's Children's Hospital, Memphis, USA
- 2012: Skirball Institute, Developmental Genetics Department, NY, USA
- 2012: Children's Hospital, Harvard Medical School, Boston USA
- 2011: Beth Israel Deaconess Medical Center, invited Professor lecture
- 2011: University College London, Yale-UCL seminar series
- 2011: Pittsburgh University Dept. of Human Genetics
- 2011: Children's Hospital, Harvard Medical School, Boston USA
- 2010: VBT retreat, Yale University
- 2010: EPFL Lausanne, Switzerland
- 2010: Brain Research Institute Zurich, Switzerland
- 2010: London Research Institute, Cancer Research UK
- 2009: Genentech Inc., South San Francisco, USA
- 2008: Centro Nacional Investigacion Cardiovascular (CNIC), Madrid, Spain
- 2007: Karolinska Institute, Stockholm, Sweden
- 2007: Haartman Institute, Helsinki University, Finland
- 2006: Uppsala University, Sweden
- 2006: London Research Institute, Cancer Research UK
- 2005: Max-Planck Institute for Stem cell research, Münster, Germany
- 2005: Max-Planck Institute for Heart and Lung research, Bad Nauheim, Germany
- 2003: Göteborg University, Sweden
- 2000: Harvard University, Dept. of Cell Biology
- 2000: Harvard University, Children's Hospital
- 2000: Regeneron Pharmaceuticals, Tarrytown, NY
- 1996: Haartman Institute, Helsinki University, Finland
- 1994: Kyoto University, Japan
- 1994: Max-Planck Institute for Immunobiology, Freiburg, Germany

Regional, National and International contributions:

- 2017: Montreal Vision Research Conference, plenary speaker
- 2017: GRS/GRC Angiogenesis & Microcirculation, speaker and session chair
- 2017: HHT International Conference, Dubrovnik, Croatia, plenary speaker
- 2017: French Neuroscience Society annual meeting, Bordeaux, speaker
- 2017: Keystone Vascular Biology conference, speaker
- 2017: SFB Vascular remodeling anniversary symposium, Heidelberg, speaker
- 2017: Gordon conference vascular cell biology, Ventura, CA, speaker
- 2016: German anatomical society annual meeting, Goettingen, speaker
- 2016: Kloster Seeon Angiogenesis meeting, speaker
- 2016: Brazilian Cell Biology Society Meeting, Sao Paulo, keynote speaker
- 2016: ISTH Montpellier, France, speaker
- 2016: Keystone Conference Cardiac Development, Regeneration, Repair, speaker
- 2016: GRC Lymphangiogenesis, Ventura CA, session chair and speaker
- 2015: NAVBO vascular biology meeting, Cape Cod, speaker
- 2015: French Angiogenesis society meeting, Paris, speaker
- 2015: Branching out angiogenesis symposium, Rio de Janeiro University, Brazil, speaker
- 2015: ISTH Toronto, Canada, speaker
- 2015: GRC Angiogenesis & Microcirculation, keynote speaker
- 2015: Endothelial Biology, AAA symposium chair and plenary speaker, Boston, MA
- 2015: Gordon conference vascular cell biology, Ventura, CA, Chair
- 2014: NAVBO Developmental vascular biology, Asilomar, session chair and speaker
- 2014: Wihuri Research Institute Symposium, Helsinki, Finland, speaker
- 2014: 4th annual Yale-NAVBO symposium cardiovascular disease, speaker

2014: Ectopic olfactory receptors, Brussels, Belgium, speaker
2014: IVBM Kyoto Japan, Neurovascular interactions session chair and speaker
2013: Louis-Jeantet symposium angiogenesis and lymphangiogenesis, Geneva, speaker
2013: NAVBO workshop signaling in the cardiovascular system, invited speaker
2013: NIH NHLBI Cardiac regeneration and repair symposium, invited speaker
2013: Gordon conference Angiogenesis, Rhode Island, invited speaker
2013: Yale NAVBO meeting lymphangiogenesis, co-organizer and speaker
2013: ATVB Orlando, plenary lecture
2013: Gordon conference Vascular Cell Biology, Ventura CA, vice-chair and speaker
2012: Neurovascular wiring symposium, Nara Japan, invited speaker
2012: Asilomar developmental vascular biology meeting, invited speaker
2012: Embo meeting, Nice, plenary lecture
2012: Kloster Seeon Angiogenesis meeting, vice-chair
2012: Gordon conference Endothelial Phenotypes in Health and Disease, Italy, speaker
2012: International cell Biology Congress, Rio de Janeiro, Brazil, invited speaker
2012: IVBM, Wiesbaden, Germany, invited speaker
2012: Keystone Angiogenesis meeting, co-organizer and speaker
2011: Second pacific symposium on vascular biology, Jeju, Korea, speaker
2011: Navbo workshop signaling in the vasculature, Cape Cod, speaker
2011: Gordon conference Angiogenesis and Microcirculation, Rhode Island, speaker
2011: 8th Duodecim symposium Cancer and Cardiovascular Disease, Finland, speaker
2011: French Hematology Society Annual meeting, Paris, plenary lecture
2011: Gordon conference on Vascular Cell Biology, Ventura, invited speaker
2010: Kloster Seeon (Munich Germany), invited speaker
2010: IVBM, Los Angeles, invited speaker
2010: Gordon conference on Lymphangiogenesis, Italy, invited speaker
2010: Brazilian society for cell biology (Sao Paolo), invited speaker
2010: Embo Workshop Guidance Molecules and Cancer, Italy, invited speaker
2010: Endothelial Biology, AAA, Coronary vessel development, invited speaker
2010: Cold Spring Harbor Symposium Vertebrate Organogenesis, invited speaker
2010: Keystone conference, Angiogenesis in Health and Disease, invited speaker
2010: Asilomar developmental vascular biology (Monterey, USA), invited speaker
2009: EMVBM, Marseille, invited speaker
2009: Euroglia, Paris, invited plenary lecture
2009: 7th International conference on endothelial cells, Vienna, invited speaker
2009: Gordon conference Angiogenesis and Microcirculation, Rhode island, invited speaker
2009: ISTH Boston, USA, invited speaker
2009: EMBO lymphangiogenesis meeting (Helsinki), organizing committee and speaker
2009: Gordon conference on vascular cell biology, Ventura, USA, invited speaker
2009: International cardiology conference, Daegu, Korea, plenary lecture
2008: Asilomar developmental vascular biology (Monterey, USA), invited speaker
2008: Gordon conference on lymphangiogenesis (Ventura, USA), invited speaker
2008: Endothelial Biology (Navbo and AAA, San Diego), invited speaker
2008: German Cardiac Society (Mannheim), invited speaker
2008: European School of Hematology (Paris), scientific organizer and speaker
2008: French Cardiovascular Research Group: plenary lecturer
2008: Leopoldina symposium (Frankfurt), invited speaker
2008: Angiogenesis mini-symposium (Rio de Janeiro), invited speaker
2008: Brazilian society for cell biology (Sao Paolo), invited speaker
2008: NAVBO Angiogenesis meeting (Cape Cod, USA), invited speaker
2008: German Society for Physicians and Scientists (Tübingen), invited speaker

- 2008: Kloster Seeon (Munich Germany), invited speaker
- 2008: Ipsen Foundation symposium: oxygen sensing in the vascular tree: scientific organizer
- 2008: European Cardiovascular Research Group: plenary lecturer
- 2007: German Society of Cell Biology (Frankfurt), invited speaker
- 2007: German Society of Physiology (Hannover), invited speaker
- 2007: Endothelial Biology (NAVBO and AAA, Washington), invited speaker
- 2007: European School of Hematology (Portugal), invited speaker
- 2007: USA-France Inserm/NHLBI Vascular Biology Invitational meeting, Paris, France
- 2007: Recipient of the Jacques Benoît lecture, French Neuroendocrinology Society
- 2007: British Microcirculation Society (Bristol), invited speaker
- 2007: Vascular Biology workshop (Heidelberg), invited speaker
- 2007: EMBO Workshop Hematopoiesis and Neurogenesis (Heidelberg), invited speaker
- 2007: Ipsen Foundation symposium: angiogenesis and neurogenesis: organizer, speaker
- 2006: Asilomar developmental vascular biology (Monterey, USA), invited speaker
- 2006: Nature Biotechnology conference (Miami), invited speaker
- 2006: Keystone symposium on cardiac development (Santa Fé), invited speaker
- 2006: USA-France Inserm/NHLBI Vascular Biology Invitational meeting, Denver, CO
- 2006: European School of Hematology (Cannes), invited speaker
- 2006: Novartis Vascular development meeting (London), invited speaker
- 2006: IUBMB Cell Biology conference (Kyoto), invited speaker
- 2006: Gordon conference on Lymphangiogenesis (Les Diablerets), invited speaker
- 2006: AACR innovations in prostate cancer (San Francisco), invited speaker
- 2006: NIH invitational workshop: angiogenesis in the nervous system, Washington, DC
- 2005: ESH conference on Angiogenesis, (Sitges, Spain), invited speaker
- 2005: Gordon Conference on Angiogenesis and Microcirculation (USA), speaker
- 2005: Vascular Biology and Medicine (Hamburg, Germany), speaker
- 2005: Developmental biology workshop (Nara, Japan), invited speaker
- 2004: Keystone symposium on Angiogenesis and Microcirculation (Santa Fe), speaker
- 2004: Franqui symposium 'Angiogenesis and neurogenesis' (Brussels), speaker
- 2004: ESH conference on Angiogenesis (Helsinki), speaker
- 2004: Kloster Seeon Symposium on Angiogenesis (Germany), invited speaker
- 2004: Ipsen Symposium on Origins and regeneration of the vascular tree (Paris), speaker
- 2003: EMBO workshop on semaphorin research (Cargese, Corsica), speaker
- 2003: Gordon Conference on Angiogenesis and Microcirculation (USA), speaker
- 2003: TuBs symposium on stem cells (Turku, Finland), speaker
- 2002: Angiogenesis and Microcirculation (Ascona, Switzerland), invited speaker
- 2002: ESH Conference on Angiogenesis (Portugal), invited speaker
- 2002: Austrian Research Ministry: Stem Cells and therapeutic applications, speaker
- 2000: Kloster Seeon Symposium on Angiogenesis (Germany), invited speaker
- 2000: Italian Cancer Society Symposium, Torino, invited speaker
- 2000: BioCity frontiers of Science, Turku, Finland, invited lecture
- 1999: ESH conference on Angiogenesis, (Sesimbra, Portugal), invited speaker
- 1999: Karlsruhe Research Center Symposium (Germany), invited lecture
- 1999: Lymphoid Organogenesis Workshop, Basel, Switzerland, invited speaker
- 1998: Sigrid Juselius Angiogenesis Symposium, Finland, invited speaker
- 1997: Philippe Laudat Angiogenesis Conference, invited speaker
- 1997: Japan-France cooperative Cancer program, Japan, invited speaker
- 1995: Sino-french symposium: Blood, vessels, liver, Shanghai, invited speaker
- 1995: ENII conference: Immune system physiopathology, France, invited speaker
- 1993: NATO conference on Angiogenesis, Rhodes, Greece: invited speaker
- 1992: Mini-symposium on somites, UCSF, San Francisco, invited speaker

PROFESSIONAL SERVICE

Peer Review Groups/Grant Study Sections

| | |
|--------------|---|
| 2016- | Lymphatic Education and Research fellowship committee |
| 2015- | Yale Scholar awards committee member |
| 2013-2019 | NIH Cardiovascular Development and Differentiation study section member |
| 2013-2018 | French National Cancer Institute (INCA) Scientific Advisory Board |
| 2011-2012 | European research council remote grant reviewer |
| 2011 | NIH Cardiovascular Development and Differentiation ad-hoc reviewer |
| 2010 | European Research Council starting grant LS4 panel member |
| 2009-present | Member, Fondation Lefoulon Delalande fellowship board |
| 2008-2012 | Member, Inserm Scientific Research Council |
| 2007-2012 | Member, Inserm Avenir young investigator selection committee |
| 2008 | Ad Hoc Member, French National Cancer Institute INCA |
| 2008 | Member, CRUK London Research Institute quinquennial review |
| 2006-2011 | Member, French Cancer Research Association (ARC) board |
| 2006 | Board member, Agence Nationale de la Recherche, 'Programme blanc' |
| 2006-2014 | Roche research fellowship selection board |

Journal Service

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|--------------|---|
| 2009-2011 | Editorial board member, <i>Physiology reviews</i> |
| 1995-present | Reviewer for <i>ATVB, BBRC, Blood, Cell, Cancer Cell, Cancer Res, Circulation, Circ. Res., Dev. Cell, Development, Dev. Biol, Elife, Embo J, Embo Mol Med, Faseb J, Genes & Dev, J. Cell Biol., J. Clin. Invest., Nature, Nature Medicine, Nat. Cell Biol., Nat. Comm, Nat. Struct. Mol. Biol., Proc. Natl. Acad. Sci., Science, Science Signaling, Science Transl. Med., Sci Reports</i> |

Professional Organizations

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| North American Vascular Biology organization (NAVBO) | |
| 2017- | Meritorious Awards committee member |
| 2012-2015 | Council member |
| 2007-present | Member |
| French Angiogenesis Society (SFA) | |
| 2007-2012 | Secretary |

Meeting Planning/Participation

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|------|---|
| 2018 | Keystone angiogenesis meeting, co-organizer (with E Dejana, G Thurston) |
| 2015 | Chair, Gordon conference vascular cell biology, Ventura, CA |
| 2015 | Symposium Organizer and Chair (with M. Simons), AAA at EB, Boston MA |
| 2014 | Chair, Kloster Seeon Angiogenesis meeting, Germany |
| 2013 | Yale NAVBO lymphangiogenesis meeting, co-organizer |
| 2013 | Gordon conference vascular cell biology, elected vice-chair |
| 2012 | Kloster Seeon Angiogenesis meeting, elected vice-chair |
| 2012 | Keystone Angiogenesis meeting, co-organizer (with N. Ferrara, K. Walsh) |
| 2009 | EMBO lymphangiogenesis meeting (Helsinki), co-organizer |
| 2009 | European School of Hematology (Helsinki), co-organizer |
| 2008 | French Angiogenesis society annual meeting: Chair and Organizer |

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|------|---|
| 2008 | European School of Hematology (Paris), scientific organizer |
| 2008 | Ipsen Foundation symposium: oxygen sensing in the vascular tree Program committee member |
| 2007 | Ipsen Foundation symposium: angiogenesis and neurogenesis: program committee chair and organizer |
| 2006 | Symposium for the Institut d'Embryologie, Nogent-sur-Marne, Institut Curie, Paris, Chair and Organizer |
| 2005 | Mini-symposium on cell adhesion, ELSO meeting, Dresden, Germany, Co- chair |
| 2002 | Mini-symposium on yolk sac vascular remodeling, Collège de France, Paris, Chair and Organizer |

Peer-Reviewed Manuscripts

1. Marcelle C, **Eichmann A**. Molecular cloning of protein kinase genes implicated in early avian development. *Oncogene* 1992; 7: 2479-2487.
2. **Eichmann A**, Marcelle C, Bréant C, Le Douarin NM. Two molecules related to the VEGF receptor are expressed in early endothelial cells during avian embryonic development. *Mech Dev* 1993; 42: 33-48.
3. Marcelle C, **Eichmann A**, Halevy O, Bréant C, Le Douarin NM. Distinct developmental expression of a new avian fibroblast growth factor receptor. *Development* 1994; 120: 683-694.
4. Couly G, Coltey P, **Eichmann A**, Le Douarin NM. The angiogenic potential of the cephalic mesoderm and the origin of brain and head blood vessels. *Mech Dev* 1995; 53, 97-112.
5. **Eichmann A**, Marcelle C, Bréant C, Le Douarin NM. Molecular cloning of Quek 1 and 2, two avian vascular endothelial growth factor (VEGF) receptor-like molecules. *Gene* 1996; 174: 3-8.
6. Wilting J, Birkenhäger R, **Eichmann A**, Kurz H, Martiny-Baron G, Marmé D, McCarthy J, Christ B, Weich H. VEGF 121 induces proliferation of vascular endothelial cells and expression of flk-1 without affecting lymphatic vessels of the chorioallantoic membrane. *Dev Biol* 1996; 176: 76-85.
7. Nataf V, Lecoin L, **Eichmann A**, Le Douarin NM. Endothelin-B receptor is expressed by neural crest and neural crest-derived cells in the avian embryo. *Proc Natl Acad Sci USA* 1996; 93: 9645-9650.
8. **Eichmann A**, Corbel C, Nataf V, Bréant C, Vaigot P, Le Douarin NM. Ligand-dependent differentiation of the endothelial and hemopoietic lineages from embryonic mesodermal cells expressing vascular endothelial growth factor receptor 2. *Proc Natl Acad Sci USA* 1997; 94,

5141-5146.

9. **Eichmann A**, Grappin-Botton A, Kelly L, Graf T, Le Douarin NM, Siewecke M. The expression pattern of the *maBf/kr* gene in birds and mice reveals that the kreisler phenotype does not represent a null mutant. *Mech Dev* 1997; 65: 111-122.
10. Wilting J, **Eichmann A**, Christ B. The avian VEGF receptor homologues *Quek1* and *Quek2* in blood-vascular and lymphatic endothelial and non-endothelial cells during quail embryonic development. *Cell Tissue Res* 1997; 288: 207-223.
11. **Eichmann A**, Corbel C, Jaffredo T, Bréant C, Joukov V, Kumar V, Alitalo K, Le Douarin NM. Avian VEGF-C: cloning, embryonic expression pattern and stimulation of the differentiation of VEGFR2-expressing endothelial cell precursors. *Development* 1998; 125: 743-752.
12. Aitkenhead M, Christ B, **Eichmann A**, Feucht M, Wilson DJ, Wilting J. Paracrine and autocrine regulation of vascular endothelial growth factor during tissue differentiation in the quail. *Dev Dyn* 1998; 212: 1-13.
13. Jaffredo T, Gautier R, **Eichmann A**, Dieterlen-Lievre F. Intraaortic hemopoietic cells are derived from endothelial cells during ontogeny. *Development* 1998; 125: 4575-4583.
14. **Eichmann A**, Yuan L, Bréant C, Alitalo K, Koskinen PJ. Developmental expression of Pim kinases suggests functions also outside of the hematopoietic system. *Oncogene* 2000; 19: 1215-1224.
15. Moyon D, Pardanaud L, Yuan L, Bréant C, **Eichmann A**. Plasticity of endothelial cells during arterial-venous differentiation in the avian embryo. *Development* 2001; 128: 3359-3370.
16. Moyon D, Pardanaud L, Bréant C, Yuan L, **Eichmann A**. Selective expression of the tie-2 ligands angiopoietin 1 and 2 in mesenchymal cells surrounding arteries and veins of the avian embryo. *Mech Dev* 2001; 106: 133-136.
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