

Curriculum vitae of Walter Wahli

Birthplace and date: Moutier, May 23, 1946
Marital Status: Married - three children
Nationality: Swiss
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Education and Professional Experience:

1953-1958: Primary School, Perrefitte (Moutier)
1958-1963 : Secondary School, Moutier
1963-1967: Ecole normale d'instituteurs (teacher school), Porrentruy
1967-1969: *Teacher at the Primary School of Corcelles (Moutier)*

1969-1975: University of Berne, Biological Sciences
"Diplôme de Biologiste", February 1975 (*Very good*)

1972-1973: *Teacher of Biology at the High School of Bienne*

1975-1977: *Graduate student and assistant*
Department of Cell and Developmental Biology
Zoology Institute, University of Berne
Ph.D., February 1977 (*Summa cum laude*)

1977-1978: *Postdoctoral Fellow*
Carnegie Institution of Washington, Department of Embryology,
Baltimore, Maryland, USA
Fellowship from the Swiss National Science Foundation

1978-1979: *Visiting fellow*
National Institutes of Health, National Cancer Institute
Laboratory of Biochemistry, Bethesda, Maryland, USA
Fellowships from the Fogarty International Center (NIH) and from
the Swiss Academy of Sciences

1979-1980: *Visiting associate*
National Institutes of Health, National Cancer Institute,
Laboratory of Biochemistry, Bethesda, Maryland, US

1980-2002: *Full professor and Director*
Institute of Animal Biology, University of Lausanne

1991-1993 *President of the Department of Biology*

1999-2003: *Vice-rector of the University of Lausanne (Research, Postgraduate and Continuing Education)*

2002-2005: *Founding Director, Center for Integrative Genomics, University of Lausanne*

2003-2011 *Full professor, Center for Integrative Genomics, University of Lausanne*
2011- *Emeritus Professor, Center for Integrative Genomics, University of Lausanne*

1997-2006 *Elected Member of the National Research Council of the Swiss National Science Foundation*

2004-2006: *President* « Division Biology and Medicine », National Research Council of the Swiss National Science Foundation

2008-2014 *Elected Member* of the Swiss Council for Science and Technology

Honors:

Elected member of the Institut Jurassien des Sciences, des Lettres et des Arts
Elected member of the National Research Council of the Swiss National Science Foundation (1996-2006)
Elected member of the European Molecular Biology Organization
Elected Individual Member of the Swiss National Academy of Medical Sciences
Elected Member of the Swiss Council for Science and Technology (2008-2014)

Member of the Board of trustees of the Roche Research Foundation (2002-2009)
Member of the Board of the Swiss Foundation for Excellence and Talent in biomedical Research (2009-)
Member of the Board of trustees of the Fondation Louis Jeantet (2005-)
Member of the Scientific Committee of the Fondation Louis Jeantet (2005-)
Member of the Jury “Prix Bretagne Jeune Chercheur”, Conseil Régional de Bretagne, France, 2007
Member of the Board of trustees of the “Institut National Supérieur des Sciences Agronomiques, de l’Alimentation et de l’Environnement (AGROSUP), Dijon, France (2010-2011)

President, Division Biology and Medicine, National Research Council of the Swiss National Science Foundation

Scientific Advisory Board of the Institut de Biologie de Lille, France (1998-2002)
Scientific Advisory Board of the Center for Systems Physiology and Metabolic Diseases, ETH Zürich
Scientific Advisory Board of the INSERM Research Center 866 “Lipids, nutrition and cancer”, University of Burgundy, Dijon, France
Scientific Advisory Board, Université Européenne de Bretagne (UEB), Rennes, France
Scientific Advisor for the Swiss Agency for Development and Cooperation, Department of Cooperation with Eastern Europe and the CIS (2010)

Otto Naegeli Prize 2002

European Federation of Lipid Research Award 2002

Hartmann Müller Prize 2008

Lifetime Achievement Award, Faculty of Biology and Medicine, UNIL, 2012

Editorial duties

1990-1993 : Corresponding Editor, Proceedings of the Royal Society, Series B
1993-1996 : Editorial Board, Journal of Molecular and Cellular Endocrinology
1994-1997 : Editorial Board, Molecular Endocrinology
1996-2001 : Advisory Board, European Journal of Biochemistry
1997-2000 : Editorial Board, Cellular and Molecular Life Sciences (CMLS)
2002- : Editorial Board, Nuclear Receptor
2003-2006 : Editorial Board, Molecular Endocrinology
2003-2007 : Editorial Board, Journal of Molecular Endocrinology
2004- : Scientific committee of BIO Magazine
2005-2009 : Editorial Board, Cellular and Molecular Life Sciences (CMLS)
2005- : Editorial Board, Journal of Steroid Biochemistry and Molecular Biology
2006- : Editorial Board, Cell Research
2009- : Editorial Advisory Board, The Open Nutrition Journal
2009- : Editorial board member, Biomolecular Concepts
2010- : Editorial board member, Cell & Biosciences

Organization of Conferences and Workshops

1984 - Gene transfer, Cycle de conférences à Grangeneuve, 25 avril, et Epalinges, 30 avril - 2 mai
Séminaire aux Diablerets, 1-4 octobre, in collaboration with J.-P. Kraehenbuhl and U.C. Knopf

1985 - Protein Structure and Function, Cycle de conférences à Epalinges, 4-8 mars, Séminaire aux Diablerets, 30 septembre - 3 octobre, in collaboration with P.A. Siegenthaler and J.-P. Kraehenbuhl

- 1986 - Cell communications, Cycle de conférences à Dorigny, 10-13 mars, Séminaire aux Diablerets, 28 septembre - 2 octobre, in collaboration with J.-P. Kraehenbuhl and H. Meier
- 1987 - 19ème réunion annuelle de l'Union des Sociétés Suisses de Biologie, Expérimentale. Lausanne - Dorigny, 26-27 mars, Co-Chairman of the organization committee
- 1987 - Gene expression during development and cell differentiation, Cycle de conférences à Dorigny, 23-25 mars, Séminaire aux Diablerets, 27 septembre - 1er octobre, in collaboration with J.-P. Kraehenbuhl and C. Brunold
- 1988 - Evolution, Cycle de conférences à Dorigny, 7-9 mars, Séminaire aux Diablerets, 25-29 septembre, in collaboration with J.-P. Kraehenbuhl and C. Brunold
- 1989 - Biotechnologie, Cycle de conférences et tables rondes, Lausanne, 13-16 mars, Vaccine development, Séminaire des Diablerets, 1-6 octobre, in collaboration with J.-P. Kraehenbuhl and C. Brunold
- 1990 - Third international Xenopus meeting. "Cell and Molecular Biology of Xenopus Development, Les Diablerets, 26-30 août 1990, in collaboration with B. Rossier
- 1991 - Cellular and Molecular Mechanisms of Hormone Action. Fondation Zyma pour l'avancement des sciences médicales et biologiques, Nyon, 19 juin 1991.
- 1995 - Nuclear Orphan Receptors : Novel Regulators in Physiology and Pathology, 7th International CBT Symposium, Huddinge, Sweden; September 9-12, 1995, in collaboration with Johan Auwerx, Karin Dahlman-Wright and Jan-Ake Gustafsson
- 1996 - Route, identité et territoire : l'exemple de la Transjurane, Colloque scientifique de l'Institut Jurassien des Sciences , des Lettres et des Arts, Tramelan, 25 - 27 septembre 1996, Comité d'organisation : Michel Monbaron, André Bandelier, Michel Bassand, Jean Kellerhals et Walter Wahli.
- 1997 - Zyma Fondation Mini-Symposium : Nuclear Receptors and Nuclear Receptors Binding Proteins. Nyon, April 28, 1997, in collaboration with E. Beale, visiting professor.
- 1997 - EMBO Workshop : Structure and Function of Nuclear Receptors, Erice, Sicily, May 2-5, 1997, in collaboration with M. Beato, P Chambon J.-A. Gustafsson, A. Maggi and M. Parker.
- 1997- 9th International CBT Symposium on Steroid and Orphan Nuclear Receptors, Huddinge, Sweden, October 11-14, 1997, in collaboration with Johan Auwerx, Jan Carlstedt-Duke and Jan-Ake Gustafsson
- 1998 - Program Organizing Committee of the X International Congress on Hormonal Steroids, Québec, Canada, June 17-21, 1998;
- 1999 - Dignité humaine et dignité de l'animal, Lausanne, 19-20 mai 1999, Membre du comité scientifique.
- 1999 - 40th ICBL Member of the Scientific Committee. Dijon, 14-17 September 1999.
- 1999 - EMBO Workshop. Steroid and Nuclear Receptors. Member of the Organizing Committee. Villefranche (Nice), France, 25-27 May 1999,
- 2000 - Arolla Workshop 2000 : Genes and development : signalling in health and disease. Arolla, 21-27 August 2000.
- 2001 - EMBO Workshop : Nuclear Receptor Structure and Function. Member of the Organizing Committee, Erice, Sicily, May 12-15, 2001.
- 2002 - IUPHAR 2002 – XIVth World Congress of Pharmacology. Organisation d'un symposium. San Fransisco, CA, USA, 7-12 July 2002.
- 2003 - 2nd International Symposium on PPARs. Co-organizer. Florence, Italy, 19-22 March 2003
- 2003 - EMBO Workshop on Biology of nuclear receptors. Member of Organizing committee. Villefranche-sur-Mer, France, 4-7 June 2003

- 2005 - 3rd International Symposium on PPARs. Co-organizer. Monte-Carlo, Monaco, 19-23 March 2005
- 2005 - EMBO Workshop on Biology of nuclear receptors. Member of Organizing committee. Villa Alba – Lac de Garde, 29 September-1st October 2005
- 2007 - International Symposium, “*Advances in diabetes Therapy – Basic sciences and clinical aspects*”. Member of Organizing committee. February 1-4 2007, Ahmedabad, India.
- 2008 - Symposium CIG « Metabolism and Cancer ». Member of Organizing committee. June 4-5. 2008. Lausanne.
- 2008 - Fondation Louis Jeantet. *25 years Jubilee Symposium*. Program Committee. October 8-9, 2008. Geneva.
- 2009 - RBF 4th International Symposium, February 3-5 2009, Ahmedabad, India., “*Advances in Cardiometabolic Research - Basic Sciences and Clinical Aspects*”. Member of Organizing committee. February 3-5, 2009, Ahmedabad, India.
- 2011 – *Best friends or worst enemies? Exploring the interaction between man and his microbiota*. Member of the organizing committee. January 26, 2011, Lausanne, Switzerland

Seminars / lectures given as invited speaker during the last 4 years

2008

- 07.03.2008 « Multifaceted role of PPARs in tissue repair and metabolism ». Integrated Signal Networking of Metabolic Dysfunction, The Catholic University of Korea, College of Medicine, Seoul March7, 2008.
- 8.04.2008 « Roles of PPARbeta/delta in wound healing». Wyeth Research, Dermatology group, Collegeville, USA, April 7-8, 2008.
- 11.04.2008 « PPARbeta/delta as regulator of cell survival and tissue repair ». 11th Frontiers in Nuclear Receptor Action Conference, Savannah, USA, April 10-12, 2008.
- 17.04.2008 « Apports de la nutriginomique dans le domaine cardiovasculaire : rêve ou réalité ». *Symposium de la Polyclinique Médicale Universitaire : Le futur de la prévention cardiovasculaire. Serons-nous capables d'en relever les défis ?*. Auditoire César Roux, CHUV, Lausanne, Switzerland, April 17, 2008.
- 09.05.2008 « Multifaceted role of PPARs in metabolism and tissue repair ». Swiss Federal Institute of Technology, ETH, Zürich, Switzerland, May 9, 2008.
- 13.06.2008 « Multifaceted role of PPARbeta in metabolism and tissue repair ». 13^{ème} réunion de l'AEPBIO (Association pour l'Etude des Peroxisomes et des PPARS) Metz, France, June 13, 2008.
- 18.06.2008 « Roles of the Nuclear Receptor PPAR in metabolism and tissue repair». FEBS Workshop 2008, Lipids as regulators of cell function, Island of Spetses, Greece, June 16-21, 2008.
- 08.10.2008 « Mouse models for PPAR effects ». International Society on Nutrigenetics / Nutrigenomics (ISNN) 2008 Congress, Geneva, Switzerland, October 6-9, 2008.
- 17.10.2008 « PPARS stand at the crossroads of metabolism, inflammation and cancer ». Minicolloque *Metabolism, Inflammation and Cancer*, Institut de Recherche 50 – Signalisation et Pathologie, Faculté de Médecine de Nice, France, October 17, 2008

- 19.01.2009 « Multifaceted roles of PPAR alpha and beta/delta in metabolism and tissue repair ». Novum Lecture 2009, Department of biosciences and nutrition, Karolinska Institutet, Stockholm, Sweden, January 19, 2009.
- 23.01.2009 « Les PPARs sont à la croisées des voies du métabolisme, de l'inflammation et du cancer ». Réunion annuelle Franco-Suisse de diabétologie, Brides-les-Bains, France, January 22-23, 2009.
- 04.02.2009 « PPARalpha and beta/delta orchestrate hepatic and pancreatic functions ». Zydus Research Centre, The Ramanbhai Foundation, *Advances in Cardiometabolic Research – Basic sciences and clinical aspects*, RBF International Symposium, February 2-5, 2009, Ahmedabad, India.
- 19.03.2009 « Micronutrition, nutriginomique et prise en charge des seniors ». Vitagora - 4ème Congrès International Goût – Nutrition – Santé, Dijon, France, March 19, 2009
- 25.03.2009 « Les PPARs à la croisée du métabolisme, de l'inflammation et du cancer ». 4èmes Journées Scientifiques du Cancéropôle CLARA, Archamps, France, March 24-25, 2009.
- 28.03.2009 « PPARalpha and beta/delta orchestrate hepatic and pancreatic functions ». International Symposium on Energy Homeostasis ; New mechanistic insights and concepts and their impact on human health, Stein am Rhein, Switzerland, March 26-28, 2009.
- 02.04.2009 « Multifaceted roles of PPARs in metabolism and tissue repair », National Institutes of Health (NIH), National Institute of Diabetes and Digestive and Kidney Diseases (NIKDD), Bethesda, USA, April 1-3, 2009
- 20.08.2009 « PPARalpha orchestrated metabolic functions in liver », Arolla EMBO/SNF Symposium 2009 on Developmental systems, Arolla, Switzerland, August 18-23, 2009.
- 27.08.2009 « Obesity, diabetes, inflammation, wound healing...Control of gene expression by PPARs », IUBMB Jubilee Lecture, Forum des Jeunes Chercheurs de la Société Française de Biochimie et Biologie Moléculaire (SFBBM), Nancy, France, August 25-27, 2009.
- 28.09.2009 « Sumoylated PPARalpha médiate gender-specific gene repression », EMBO conférence 2009 series on Nuclear Receptors, From molecular mechanisms to molecular médecine, Cavtat/Dubrovnik, Croatia, September 25-29, 2009.
- 29.10.2009 « Nutrigenomics », Suche nach Ursachen und Angriffspunkten bei der Therapie der Fettsucht, FMH Rheumatologie und Innere Medizin, Privatklinik Obach, Solothurn, Switzerland, October 29, 2009.
- 17.11.2009 « La nutriginomique, nouvelle alliée de la santé », 4^{ème} journée Alimentation-Santé, Nanomonde et Nutriginomique, Pôle Wagralim de compétitivité industrielle et Cluster Nutrition, Pipaix, Belgium, November 17, 2009.
- 20.11.2009 Obésité, diabète, inflammation, cicatrisation... contrôle de l'expression génétique par PPAR », Conférence Alex-f. Muller de Physiopathologie Clinique 2009, Hôpitaux Universitaires de Genève, November 20, 2009.

2010

- 08.01.2010 « Nutrigenomics », 19th Forum MCVR 2010 : Diabetes and Cardio – Vascular Complications, Lucerne, Switzerland, January 8-9, 2010.
- 17.03.2010 « Micronutrient-induced genomic responses prevent metabolic syndrome disorders », BIOMEDICA 2010 – Life Science Summit, Aachen, Germany, March 17-18, 2010.
- 29.05.2010 « New insights in the role of PPARs », International Society for the Study of Fatty Acids and Lipids (ISSFAL), Maastricht, The Netherlands, May 29 – June 2, 2010.
- 08.06.2010 « Multifaceted Roles of PPARs in Metabolism and Tissue Repair », Growth & Development Seminar, Biozentrum, University of Basel, Basel, Switzerland, June 8, 2010.

- 21.06.2010 « PPARs stand at the crossroads of metabolism, inflammation and cancer », FEBS Workshop, Eukaryotic Lipids : treasure of regulatory information, Spetses Islands, Greece, June 19-24, 2010.
- 01.09.2010 « PPARalpha orchestrates sexual dimorphism in hepatic functions », Cold Spring Harbor Laboratory Meeting on Nuclear Receptors & Disease, Cold Spring Harbor, NY, USA, August 31-September 4, 2010.
- 12.09.2010 « Modulation of pancreatic beta-cell mass and insulin release by PPARbeta/delta », 1st International Symposium of the journal : Hormone Molecular Biology and Clinical Investigation », Seefeld-in-Tirol, Austria, September 11-14, 2010.
- 22.09.2010 « PPAR-mediated lipid signaling in inflammation and cancer », 14th International Congress of Hormonal Steroids, Hormones & Cancer, Edinburgh, Scotland, September 21-24, 2010.

2011

- 22.01.2011 « PPAR α orchestrates sexual dimorphism in hepatic functions », 10th Hepatobiliary and Gastrointestinal Research Retreat, Vulpera, Switzerland, January 21-23, 2011.
- 26.01.2011 « Nuclear receptors PPARs and energy homeostasis », *Best friends or worst enemies ? Exploring the interaction between man and his microbiota*, One-day course TORNADO, Lausanne, Switzerland, 24-26.01.2011
- 25.03.2011 « Nutrigénomique », Congrès de la société francophone de diabète 2011, Genève, Switzerland, 22-25.03.2011
- 28.03.2011 « Interface between nutrition and signalling », 7th World Life Sciences Forum, Lyon, France, 27-29.03.2011
- 24.05.2011 « Nuclear receptors and energy homeostasis », Colloque « Le microbiote commensal : de l'homéostasie à la maladie », Collège de France, Paris, France, 23-24.05.2011
- 30.05.2011 « Multifaceted roles of PPARs in metabolism and tissue repair », Department of Microbiology, Tumor and Cell Biology (MTC), Karolinska Institutet, Sweden.
- 31.05.2011 « Lipids and PPARs in inflammation and cancer », Lecture for students ; Department of Microbiology, Tumor and Cell Biology (MTC), Karolinska Institutet, Sweden.
- 17.06.2011 « Multifaceted roles of PPARs in metabolism and tissue repair », TOXALIM (INRA), Toulouse, France.
- 28.06.2011 « Les récepteurs nucléaires aux acides gras dévoilent petit à petit leurs secrets! », Après-midi de réflexion de la Faculté de Biologie et de Médecine de l'Université de Lausanne, Musée Olympique, Lausanne, Switzerland.
- 30.06.2011 "PPARs stand at the crossroad of metabolism, tissue repair and cancer", Institut Cochin, Paris, France.
- 21.09.2011 "PPAR-mediated lipid signalling in inflammation and cancer", 12th International Conference on Bioactive Lipids in Cancer, Inflammation and Related Diseases, Seattle, USA, September 18-21, 2011
- 04.10.2011 "Roles of PPARs in metabolism and tissue repair", Biocenter Oulu Doctoral Programme Advanced Course, University of Oulu, Oulu, Finland, October 3-4, 2011.
- 12.11.2011 "Nutrition et gènes", 16ème Journée romande du diabète, Geneva, Switzerland.
- 16.11.2011 "Multifaceted roles of PPARs in metabolism and tissue repair", séminaire à l'IGBMC sur invitation de Bruno Klaholz, Strasbourg, France.
- 21.11.2011 "PPARs stand at the crossroad of metabolism, tissue repair and cancer", Final EUMODIC Meeting, Geneva, Switzerland, November 21-22, 2011.

2012

- 10.01.2012 "Metabolic roles of PPARs: from nutrient sensors to nutritional genomics", Colloque d'endocrinologie, diabétologie et métabolisme, CHUV, Lausanne, Switzerland.
- 13.01.2012 "Rôle de la nutriginomique dans la compréhension de l'obésité humaine", cours donné dans le cadre du CAS en nutrition humaine, module 4 "obésité et diabète: de l'enfant à l'adulte", CHUV, Lausanne, Switzerland, January 12-14, 2012.
- 23.01.2012 "PPARs stand at the crossroads of metabolism, tissue repair and cancer", CIG seminars, Spring 2012, hosted by Alexandre Reymond, Université de Lausanne, Switzerland.
- 31.01.2012 "Roles of PPARs: from nutrient sensors to nutritional genomics", Irovision, Sion, Switzerland.
- 16.02.2012 "La nutriginomique, nouvelle alliée de la santé", séminaire donné au Département de médecine interne, CHUV, Lausanne, Switzerland.