

CURRICULUM VITAE

I. Personal Data

Name and first name: Meier Christian, M.D.
Prof. Dr. med.

Date and place of birth: November 30th, 1964 in Lima (Peru)
Citizenship: Basel-Stadt (Switzerland)

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Division of Endocrinology, Diabetes & Metabolism,
University Hospital, CH-4031 Basel
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II. Education and Postgraduate Experience

1972 - 1977 Elementary and Secondary School, Lima (Peru) and Basel (Switzerland)
1977 - 1983 High School, Basel and Münchenstein, Switzerland

1983 - 1989 Medical School, University of Basel, Switzerland
Swiss Federal Medical Degree (December 6, 1989)
January 16, 1990 Graduation in Medicine (MD)

1990 - 1992 Neurorehabilitation and General Medicine
Swiss Paraplegic Center, Basel (Dr. M. Mäder)

1992 - 1993 Outpatient Clinic and Emergency Clinic
Dept. of Surgery, University Hospital, Basel (Prof. F. Harder)

1993 - 1996 Dept. of Internal Medicine,
University Hospital, Basel, Switzerland (Prof. J. Schifferli)
April 15, 1997 Board Certification in Internal Medicine (FMH)

1995 Diabetology
Div. of Endocrinology, Diabetes & Clinical Nutrition
Dept. of Medicine, University Hospital, Basel (Prof. W. Berger)

1996 - 1998 Research Fellow, Thyroid Research Unit
Div. of Endocrinology, University Hospital, Basel (Prof. J.J. Staub)

1998 - 1999 Endocrinology and Diabetology
Div. of Endocrinology, Diabetes & Clinical Nutrition, Dept. of Medicine, University
Hospital, Basel (Proff. U. Keller, J.J. Staub)
March 27, 2000 Board Certification in Endocrinology and Diabetology (FMH)

1999 - 2002 Div. of Endocrinology, Diabetes & Clinical Nutrition (Senior Registrar)
Dept. of Medicine, University Hospital, Basel

2002 - 2004 Research Fellow, Bone Research Program, ANZAC Research Institute, University of
Sydney, Australia (Proff. M.J. Seibel, D.J. Handelsman)

2002 - 2004	Bone Clinic, Dept. of Endocrinology & Metabolism (Prof. M. Seibel) and Andrology Clinic (Prof. D.J. Handelsman), Concord Hospital Medical Centre, University of Sydney, Concord NSW, Australia
February 25, 2009	Assistant Professor (Internal Medicine and Endocrinology & Diabetes), Medical Faculty, University of Basel
since 2005	Endocrine Practice & Laboratory (Endonet), Basel, Switzerland
since 2005	Division of Endocrinology, Diabetes & Metabolism, Dept. of Medicine, University Hospital, Basel (Consultant)
December 9, 2015	Associate Professor (Endocrinology), Medical Faculty, University of Basel

Other

October 2002	ISCD Osteoporosis Diagnosis Course & Densitometry Certification, Basel
March 2005	IOF Osteoporosis Diagnosis Course & Densitometry Certification, Zürich
March 2006	Hochschuldidaktik, University Basel
March 2007	Führungspraxis, Personal- und Organisationsentwicklung, University Basel
September 2007	Course in Laboratory Medicine (Fähigkeitsausweis Praxislabor FAPL), KHM, Basel
March 2010	Clinical Investigator Course, Advanced Study Centre, University Hospital Basel
September 2013	Ultraschall-Kurs Schilddrüse, SGED, Bern
Oktober 2013	SVGO-Curriculum in metabolischen Knochenerkrankungen
Januar 2014/2019	Zertifizierung/Rezertifizierung "Osteologe DVO (CH)"
November 2014/2019	Zertifizierung/Rezertifizierung „Osteologisches Universitätsforschungszentrum DVO“
November 2016	IOF Course in genetic disorders of bone and adult expression, Geneva

III. Awards and Honors

- **Award of the Annual Scientific Meeting of the European Society for Clinical Investigation 1999**
Lerch M., Meier C., Guglielmetti M., Huber P., Kunz M., Roth C.B., Staub J.J. Effects of TSH-controlled thyroxin therapy on lipid profile and peripheral target tissues in patients with subclinical hypothyroidism (best poster)
- **Award of the Annual Meeting of the Swiss Society of Internal Medicine 2001**
Meier C., Roth C.B., Guglielmetti M., Kunz M., Huber P., Kraenzlin M., Müller B., Miserez A.R., Drewe J., Staub J.J. L-T4 Therapie bei subklinischer Hypothyreose: Senkung des LDL-Cholesterins mit Reduktion des koronaren Risikos (best oral presentation)
- **Finalist Award of The Endocrine Society and Pharmacia Corp. International Award for Excellence in Published Clinical Research in *The Journal of Clinical Endocrinology & Metabolism* 2001**
Meier C., Staub J.J., Roth C.B., Guglielmetti M., Kunz M., Miserez A.R., Drewe J., Huber P., Herzog R., Müller B. TSH-controlled L-thyroxine therapy reduces cholesterol levels and clinical symptoms in subclinical hypothyroidism (Basel Study): a randomized, double blind, placebo-controlled trial. *J Clin Endocrinol Metab* (2001), 86: 4860-4866
- **Viollier Research Award 2003**
for the publication "Berneis K., Staub J.J., Gessler A., Meier C., Girard J., Müller B. Combined stimulation of ACTH and Compound-S by single dose metyrapone test as an outpatient procedure to assess hypothalamic-pituitary-adrenal function. *J Clin Endocrinol Metab* (2002), 87: 5470-5475"
- **Servier Research Award 2005**
for the publications "Christ-Crain M., Müller B., Gasser T.C., Kraenzlin M., Trummler M., Huber P., Meier C. Is there a clinical relevance of partial androgen deficiency of the aging male? *J Urology* (2004), 172: 624-627" and "Christ-Crain M., Meier C., Huber P., Zimmerli L., Müller B. Value of LHRH testing in the differential diagnosis of androgen deficiency in elderly men. *J Clin Endocrinol Metab* (2005), 90: 1280-1286".
- **Award of the Annual Meeting of the Swiss Society for Endocrinology and Diabetology 2007**
for "Thiazolidinedione use and osteoporotic fracture risk" (second best poster).
- **Award of the Annual Meeting of the German Society for Osteology (DGO) 2008**
for "Impact of bisphosphonate wash-out prior to teriparatide therapy in clinical practice" (best poster).
- **Award of the Annual Meeting of the Swiss Society for Endocrinology and Diabetology 2018**
for "Association between glycemic control and fracture risk in diabetic patients" (best oral presentation, to Janina Vavanikunnel)

- **ECTS Philippe Bordier Clinical Award 2019** for significant clinical contribution to the field of bone and calcified tissue.
- **SVGO Clinical Award 2019** for the publication “Vavanikunnel J., Charlier S., Becker C., Schneider C., Jick S.S., Meier C.R., Meier C., Association between glycaemic control and risk of fracture in diabetic patients: A nested case-control study, *J Clin Endocrinol Metab* (2019), 104: 1645-1654”

IV. Grants and Funded Research Projects

- **Research Grant, Freiwillige Akademische Gesellschaft Basel, Switzerland** for the research project: “Hormonal changes of the hypothalamo-pituitary-testicular axis and clinical effects of androgen deficiency in aging men”, University Hospital Basel (C. Meier, T. Gasser, J.J. Staub; 2002-2003)
- **Research Grant, University Hospital Basel, Switzerland** for the research project: “Diagnostic evaluation of the hypothalamo-pituitary-testicular axis in aging men” (C. Meier, J.J. Staub; 2002).
- **Swiss National Science Foundation**
For the Research Fellowship in Endocrinology and Andrology: “Candidate gene study between different hormone receptor gene polymorphisms and bone mineral density and turnover in adult men”. ANZAC Research Institute, University of Sydney, Australia (C. Meier; 2002-2003).
- **Margarete und Walter Lichtenstein Stiftung, Basel, Switzerland**
For the Research Fellowship in Endocrinology and Andrology: “Candidate gene study between different hormone receptor gene polymorphisms and bone mineral density and turnover in adult men”. ANZAC Research Institute, University of Sydney, Australia (C. Meier; 2003-2004).
- **Unconditional Research Grants** from Novo-Nordisk Pharma AG, MSD AG, Pharmacia & Upjohn AG, and Aventis AG for the research project: “Candidate gene study between different hormone receptor gene polymorphisms and bone mineral density and turnover in adult men” (C. Meier; 2003-2004).
- **Unconditional Research Grant** from Aventis AG for the research project: “Effect of risedronate on osteoprotegerin and RANKL levels in patients with postmenopausal osteoporosis and Paget’s Disease” (C. Meier, C. Dunstan, M.J. Seibel; 2003).
- **Unconditional Research Grant** from Aventis AG for the research project: “Genetic determinants of bone loss and osteoporosis in an affected family” (C. Meier, M. Kennerson, G. Nicholson, M.J. Seibel; 2004).
- **Unconditional Research Grant** from Roche Diagnostics for the research project: “Effect of intravenous vs. oral bisphosphonate therapy on biochemical markers of bone turnover in women with postmenopausal osteoporosis presenting in clinical routine” (C. Meier, C.A. Kraenzlin, M.E. Kraenzlin; 2005-2006).
- **Research Grant, Freiwillige Akademische Gesellschaft Basel, Switzerland** for the research project: “Study into the effect of pamidronate for the prevention of heterotopic ossification in high-risk patients: A randomized controlled trial”, University Hospital Basel (P. Schütz, B. Müller, C. Meier; 2005-2006).
- **Unconditional Research Grant** from Eli Lilly SA. for the research project: “Effect of teriparatide on biochemical markers of bone turnover and BMD in osteoporotic patients followed in clinical practice” (C. Meier, C.A. Kraenzlin, B. Müller, M.E. Kraenzlin; 2005).
- **Research Grant, University Hospital Basel, Switzerland** for the research project: “Diagnostic value of SPECT-CT for diagnosis of heterotopic ossification” (C. Meier, P. Schütz, W. Dick, J. Müller; 2006).
- **Unconditional Research Grant** from Roche Pharma AG for the research project: “Study into the effect of ibandronate for the treatment of bone marrow edema in relation to spontaneous or non-traumatic osteonecrosis of the knee: A randomized, double-blind, placebo-controlled trial” (C. Meier, N.F. Friederich, C. Graf, C.A. Kraenzlin, M.E. Kraenzlin; 2007-2008)
- **Unconditional Research Grant** from Amgen AG for the national research project: “Swiss Primary Hyperparathyroidism (PHPT) Cohort Study” (C. Meier, A. Trombetti, M.E. Kraenzlin, R. Rizzoli, et al.; 2007-2012)
- **Research Grant SVGO** for the research project: “Swiss National Fracture Liaison Service”(N. Suhm, S. Schreiner, M. Kraenzlin, C. Meier; 2014)
- **Unconditional Research Grant** from Eli Lilly SA for the research project: “SVGO Fracture Liaison Implementation Project” (N. Suhm, C. Meier, O. Lamy, S. Ferrari; 2015)
- **Research Grant SGED/SSED** for the research project: “DiabOS-Microarchitecture, bone strength and fracture risk in type 2 diabetes” (C. Meier, M. Kraenzlin, R. Krapf; 2014)
- **Research Grant, Wissenschaftspool Medizin, Univ.Spital Basel** for the research project: “DiabOS-Microarchitecture, bone strength and fracture risk in type 2 diabetes” (C. Meier, M. Kraenzlin, R. Krapf; 2014)
- **Research Grant, Stiftung Diabetesgesellschaft Region Basel** for the research project: “DiabOS-Microarchitecture, bone strength and fracture risk in type 2 diabetes” (C. Meier, M. Kraenzlin, R. Krapf; 2014)

- **Research Grant, Swiss National Science Foundation** for the research project: “DiabOS-Microarchitecture, bone strength and fracture risk in type 2 diabetes” (C. Meier et al, 2016-2019)
- **Research Grant, Foundation for Research on Osteoporosis, Lausanne** for the research project: “Advanced Glycation Endproducts, Bone Structure and Fracture Risk in Type 2 Diabetes (the DiabOS-AGE Study)” (C. Meier, M. Kraenzlin, P. Garnero; 2016)
- **Unconditional Research Grant** from Roche Diagnostics, Rotkreuz for the research project: “DiabOS-Biomarker Study” (C. Meier et al, 2017-2020)
- **Unconditional Research Grant** from Roche Diagnostics, Rotkreuz for the research project: “EVA Study, Evaluation of bone markers in type 2 diabetes” (C. Meier et al, 2017)

V. Academic Teaching

- Lectures, Trination course for the European Certificate in Andrology (1998-2001)
- Lectures, Medical School, University Basel (since 1999)
- Lectures, Dept. of Pharmaceutical Science, University Basel (since 2005)
- Honours student (Thesis): cand. med. Jörg Galambos (2008)
- Honours student (Thesis): cand. med. Christina Keel (2010)
- Honours student (Thesis): cand. med. Frank Gotthardt (2015)
- Honours student (Thesis): cand. med. Janina Vavanikunnel (2018)
- Honours student (Thesis): cand. med. Sandra Baumann, ongoing
- Honours student (Thesis): cand. med. Cyril Trächslin, ongoing
- Master thesis: stud. med. Patricia Sieber (2012)
- Master thesis: stud. med. Patrizia Lardelli (2012)
- Master thesis: stud. med. Franziska Jockers (2014)
- Master thesis: stud. med. Cyril Trächslin (2018)
- Master thesis: stud. med. Simon Kellerhals, ongoing

VI. Organized Scientific Meetings

- Jahrestagung der Schweizerischen Vereinigung gegen Osteoporose (SVGO) und Swiss Bone and Mineral Society (SBMS) in Bern, 2012 – present
- Jahrestagung der Schweizerischen Gesellschaft für Endokrinologie (SGED) in Bern, 2015 - 2019
- Fortbildungsveranstaltung (FOSPED) der Schweizerischen Gesellschaft für Endokrinologie-Diabetologie (SGED) in Biel, 2008 - 2014
 - 17.04.2008, Hypophyse
 - 07.05.2009, Sexualhormone und Reproduktion
 - 06.05.2010, Elektrolyte in der Endokrinologie
 - 05.05.2011, Umwelt und Endokrinologie
 - 25.05.2012, From Bench to Bedside - Translational Endocrinology in Switzerland
 - 11.04.2013, Hot topics and new trends in Endocrinology
 - 27.03.2014, Pros and Cons in Endocrinology
- Basler Fortbildung in praktischer Osteologie in Basel
 - 28.01.2006, Praktischer DXA-Anwenderkurs
 - 01.02.2007, Therapiemonitoring und DXA-Falldemonstrationen
 - 24.01.2008, Vitamin D, Osteoporose bei Jugendlichen
 - 29.01.2009, Laboruntersuchungen bei sekundären Osteoporosen, Ernährung und Osteoporose
 - 28.01.2010, Osteologische Aspekte bei Prostatakarzinom, Diabetes und Osteoporose, Adipositaschirurgie
 - 20.01.2011, Clinical Update 2011, Diagnostik, Prävention und Therapie in der Praxis
 - 13.02.2014, Clinical Update 2014, Diagnostik, Prävention und Therapie in der Praxis
 - 26.01.2017, Clinical Update 2017, Diagnostik, Prävention und Therapie in der Praxis
- Thyroid Hormone Secretion and Action. International Thyroid Symposium, Kantonsspital Basel, 23rd August 2001
- Symposium “Hormone and metabolic disease in the aging male“. Kantonsspital Basel, 4. April 2002

- Seminar “Endocrinological and urological aspects in the aging male”. Kantonsspital Basel, 15. August 2002
- Symposium “Pituitary hormones”. Kantonsspital Basel, 22. August 2002
- Frühjahrestagung Schweiz. Gesellschaft für Endokrinologie-Diabetologie (SGED), Basel, 12.-13. März 2010
- Schweiz. Gesellschaft für Endokrinologie-Diabetologie (SGED)-Symposium für Hausärzte, 9. Juni 2011
- Osteologie 2012, Jahreskongress des Dachverbandes deutschsprachiger osteologischer Gesellschaften (DVO), Basel, 28.-31. März 2012
- American Society for Bone and Mineral Research (ASBMR)-Symposium: „Effects of Diabetes and Disordered Energy Metabolism on Skeletal Health“, Houston, USA, 11. September 2014
- Fortbildung Rheumatologie-Osteologie, Universitätsspital Basel, 15. Januar 2015
- Symposium Osteologie, Universitätsspital Basel, 19. März 2015
- ECTS & Mellanby Centre Training Course: Diagnostic Tests for Osteoporosis, Clinical Use of Bone Turnover Markers. Universitätsspital Basel, 12. September 2019
- European Calcified Tissue Society (ECTS) Annual Meeting (SPC-Clinical Chair), Marseille, 16.-19. May 2020

VII. Scientific reviewing (Journal reviews)

J Bone Miner Res (Editorial Board 2006-2010)

Osteologie/Osteology (Editorial Board 2016-)

Bone, Calcif Tissue Int, Osteoporos Int, J Clin Endocrinol Metab, Clin Endocrinol, Swiss Medical Weekly

VIII. Membership in Scientific and Professional Organizations

Swiss Association for Medicine (FMH)

1990 - present

Endocrine Society, USA

1999 - present

Swiss Society of Endocrinology & Diabetology (SGED)

1999 - present

(Board Member 2007-2014)

American Society for Bone & Mineral Research (ASBMR)

2001 - present

European Calcified Tissue Society (ECTS)

2002 – present

(Clinical Practice Committee

Board Member 2018-2019,

Board Member/Treasurer 2019-)

Swiss Bone and Mineral Society (SBMS)

2002 - present

Australian and New Zealand Bone and Mineral Society (ANZBMS)

2003 - 2012

Schweizerische Vereinigung gegen die Osteoporose (SVGO)

2005 - present

(Board Member 2008-,

President 2012-2018)

Swiss Society for Internal Medicine (SGIM-SGAIM)

2007 - present

Deutsche Akademie der osteologischen Wissenschaften (DAdorW)

2008 – present

Dachverband deutschsprachiger osteologischer Gesellschaften e.V. (DVO)

2008 – present

(Board Member 2016-)

Osteologie Akademie GmbH (OSTAK)

2009 - present

(Wiss. Beirat 2009-)

Schweizerische Menopausengesellschaft

2009 - present

(Board Member 2009-2014)

Deutsche Gesellschaft für Osteologie (DGO)

2009 – present

(Board Member 2015-)

Schweizer Vereinigung Osteogenesis imperfecta

2012 – present

(Medical AB Member 2013-)

International Osteoporosis Foundation (IOF)

2014 – present

(Member Committee Scientific

Advisors 2014-)