CURRICULUM VITAE

**RIZZOLI René**

Born in Geneva (Switzerland) on November 26th, 1948

Citizen of Geneva, Switzerland

Married, three children

Present address: 70, route de Rennex, 1294 Genthod. Tel +4122 7741762, Mobile +4179 4782606

# Education and positions

1967 "Maturité" type A (Certificate of Education) in Geneva

1967-1974 Medical school, University of Geneva

1974-1976 Research assistant, Department of Pathophysiology (Prof. H. Fleisch), University of Berne, Switzerland

1976-1979 Intern, resident, and first resident, Department of Internal Medicine (Prof. B. Courvoisier, head Prof. A.-F. Müller), University Hospital of Geneva

1980-1982 Research fellow with both research and clinical duties at the Metabolic Diseases Branch, National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases, Bethesda, Maryland (Dr. G.D. Aurbach)

1982 Specialist in internal medicine of the Swiss Federation of Physicians

1982-1985 Senior investigator at the Department of Pathophysiology, University of Berne (Prof. H. Fleisch)

 Consultant for renal stone disease at the Urology Clinic (Berne University Hospital)

Since 1985 Senior investigator at the Division of Pathophysiology (Prof. J.-Ph. Bonjour), Department of Internal Medicine (Prof. A.-F. Müller, Prof. F. Waldvogel), University of Geneva

 Consultant for metabolic bone diseases at the Department of Internal Medicine, University Hospital of Geneva and at the University Geriatric Institutions of Geneva

 Interpretation and quality control of bone metabolism radioimmunoassays and other determinations, and osteodensitometric examinations at the University Hospital of Geneva

Since 1994 Tenure ("médecin-adjoint") at the Department of Internal Medicine, University Hospital of Geneva

Since 1997 Head of the unit Bone-Age-Nutrition of the Department of Geriatrics of the Geneva University Hospitals

Specialist in endocrinology of the Swiss Federation of Physicians

Since 1998 Associate Professor of Medicine

Since 2001 Head of the Division of Bone Diseases of the Department of Internal Medicine of the Geneva University Hospitals

Since 2003 Head of the Division of Bone Diseases of the Department of Rehabilitation and Geriatrics of the Geneva University Hospitals

Since 2005 Chairman of the Department of Rehabilitation and Geriatrics of the Geneva University Hospitals

Since 2006 Full Professor of Medicine, Geneva University Faculty of Medicine

2006 Training in Good Clinical Practice (9.11.2006)

Since 2011 Chairman of the Geneva Faculty of Medicine Section of Clinical Medicine

2011 Chairman of the board of divisions heads

2015 Professor Emeritus of Medicine, Geneva University Hospitals and Faculty of Medicine

2016 External collaborator of the Liège University Medical Faculty in Belgium

**Teaching**

1982-1985 Participation to the teaching of Pathophysiology in the University of Berne Dental School

Since 1985 Participation to the teaching of Pathophysiology, to the pregraduate and postgraduate teaching on Metabolic Bone Diseases at the University of Geneva Faculty of Medicine

Since 1992 Teaching of Pathophysiology at the University of Geneva Department of Pharmacy

 Participation to postgraduate teaching on Bone Pathology, University of Paris VII

Since 1994 Participation to the training course on osteoporosis of the European Federation against Osteoporosis, in Lyon, France, then in Geneva since 2011

Since 1995 Participation to the teaching of Experimental Endocrinology at the University of Geneva Science Faculty

Since 1996 Responsible for Bone and Joints Teaching module in 3rd year of medical curriculum Geneva University Faculty of Medicine

Since 2000 Development of the teaching program and lecturing on metabolic bone diseases for the International Osteoporosis Foudnation

 Examinator for Ph.D. thesis in Biology, at the universities of Lyon, Toulouse, Nice and Paris

 Supervisor of theses in Biology and in Medicine, University of Geneva Faculty of Medicine

**Awards and academic titles**

1974 M.D., University of Geneva

1977 Thesis in medicine, University of Berne

 Title of the thesis: "Role of 1,25-dihydroxyvitamin D3 on intestinal phosphate absorption in rats with a normal vitamin D supply" published in J. Clin. Invest. 60: 639-647, 1977

1987 Recipient of a career development award from the Max Cloetta Foundation

1990 "Privat-docent" at the Faculty of Medicine, University of Geneva

1990 Recipient of the Philippe Bordier award

Since 1992 Recipient of research grants from the Swiss National Research Foundation

1994 "Chargé de cours" (corresponding to assistant professor) at the Department of Medicine, University of Geneva Faculty of Medicine

1996 Recipient of the Swiss Bone and Mineral Society annual award

1998 Associate professor of medicine

1. Recipient of the Theodor Naegeli Award for the work "Undernutrition and pathophysiology of osteoporosis in elderly".

2006 Professor (full) of medicine

2015 Emeritus Professor of Medicine

**Grants**

From 1985 : coauthor of the grant application « Kidney and calcium-phosphate metabolism ».

1987-1994 : recipient of a Max Cloetta career award.

1992 : First applicant of the awarded grant « Prevention of osteoporosis ».

1994 : First applicant of the awarded grant « Genetics of osteoporosis ».

1997 : First applicant of the awarded grant « Pathophysiology of osteoporosis ».

1999 : Candia award for the project « Calcium and bone growth ».

2000 : First applicant of the awarded grant « Protein undernutrition and replenishement, and osteoporosis ».

2003 : First applicant of the awarded grant « Undernutrition and bone health».

Since 2005 : workpackage leader for the European Union sponsored projects

Advance in determining bone quality (ADOQ, 2005-2008), Osteogene (2005-2008), TALOS (2008-2011), Virtual physiome osteoporosis (VPHOP, 2008-2012).

2011-2017 : co-investigator in the European Union sponsored project DO-HEALTH.

Numerous contracts with industries for research projects of preclinical and clinical studies.

**Member of**

Scientific Board of the European Calcified Tissue Society (formerly)

Scientific Advisory Board of the European Foundation for Osteoporosis (formerly)

American Federation for Clinical Research (formerly)

American Society for Bone and Mineral Research

Swiss Medical Association

Swiss Endocrine Society

Board of the Swiss Society against Osteoporosis (former president)

Board of the Swiss Bone and Mineral Society (former president)

Chairman of the Committee of Scientific Advisors of the International Osteoporosis Foundation (1998-2006)

Co-chair of the program committee of the 1998 second joint meeting of the American Society of Bone and Mineral Research and of the International Bone and Mineral Society

Board of International Bone and Mineral Society (formerly)

Chair of the program committee of the 2002 World Congress on Osteoporosis

Chair of the program committee of the 2004 World Congress on Osteoporosis

Chair of the program committee of the 2006 World Congress on Osteoporosis

Since 2007, treasurer of the International Osteoporosis Foundation

Since 2008, chairman of the Scientific Advisory Board of the European Society for Clinical and Economical Aspects of Osteoporosis and Osteoarthritis

Since 2009, co-chair of the scientific program committee of the IOF-ESCEO World congress on Osteoporosis

Former member of the council of the American Society of Bone and Mineral Research, of the board of the International Bone and Mineral Society, and of the board of the European Calcified Tissue Society

## Reviewer for the journals

Journal of Bone and Mineral Research

European Journal of Clinical Investigation

Trends in Biochemical Sciences

European Journal of Physiology (Pfluegers Archiv)

Acta Endocrinologica

Nephron

Kidney International

Bone

European Journal of Cancer

Journal of Clinical Investigation

Osteoporosis International

Experimental Cell Research

International Journal of Cancer

Clinical Endocrinology

Journal of Endocrinological Investigation

Endocrinology

Journal of Clinical Endocrinology and Metabolism

Lancet

New England Journal of Medicine

**Medical Journal Editorship**

Associate Editor of European Journal of Endocrinology (formerly)

Member of the Editorial board of Journal of Bone and Mineral Research (formerly)

 Osteoporosis International

Bone (formerly)

 Women’s Health (formerly)

 Ageing Clinical and Exeprimental Research

Associate Editor of Osteoporosis International

 Bone Key Virtual Journal (formerly)

 Journal of Clinical Densitometry (formerly)

Editor of Bone (formerly)

Editor in Chief of Calcified Tissue international and Musculoskeletal Research

**Reviewer of grant applications for the**

Swiss National Research Foundation

Health Research Council of New Zealand

Medical Research Council of Canada

Israel Science Foundation

Austrian Research Foundation

Italian Ministry of Research

Tcheck Ministry of Research

Welcome Trust Foundation

INSERM, France

ANR, France

HCERES, France

### Languages spoken

French, English, German, Italian

**Research interests**

Bone and mineral metabolism: mode of action of hormones; hormone receptors and intracellular signaling; renal and bone physiology; malignant hypercalcemia; bone metastases; osteoporosis pathophysiology, nutritional control of bone health, bone growth, osteoporosis diagnosis and treatment.

October 2020

