



Personal information

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Education:

- 1982: Baccalaureate in Science (maturité fédérale type C).
- 1982-1986: Bachelor, University of Geneva, Faculty of Sciences, section of Biology.
- 1985-1986: Master degree: laboratory of Prof. M. Schapira (Faculty of Medicine) under the supervision of Prof. U.K. Laemmli (Faculty of Sciences): "Activation of human neutrophils by plasma kallikrein."
- 1990-1993: Ph.D. thesis at Symphar-ILEX Pharmaceutical Research (Versoix/San Antonio) delivered by the University of Geneva: "Study on the mechanisms leading to diabetes-associated hypercholesterolemia in rats with experimental diabetes".
- 2002: Privat Docent thesis (lecture on September 23rd): "Mitochondria as the conductor of metabolic signals for insulin exocytosis in pancreatic β -cells."

Employment:

- 1987-1995: Research Scientist at Symphar-ILEX Pharmaceutical Research Laboratory, Versoix/San Antonio.
- 1995-2000: Senior Scientist (Maître-Assistant) at the Division of Clinical Biochemistry, HUG, Geneva.
- 2001-2006: Head of a junior group, fellow of the Dr Max Cloetta foundation: Maître d'Enseignement et de Recherche Suppléant (MERs) at the Dept. of Cell Physiology and Metabolism, CMU, Geneva.
- 2006-2011: Associate Professor (Professeur Adjoint) at the Dept. of Cell Physiology and Metabolism, University Medical Center, Geneva.
- 2011-present: Full Professor at the Dept. of Cell Physiology and Metabolism, University Medical Center, Geneva.

Teaching activities

- Ex cathedra *Biochemistry and Metabolism* courses for undergraduate medical students.
- Problem based learning for undergraduate medical students: *Nutrition, Digestion & Metabolism*
- Courses for undergraduate medical students: *redox state and oxidative stress*.
- Organization, teaching, and examination for undergraduate medical students: *Obesity and diabetes*.
- Organization, teaching, and examination for undergraduate medical students: *Biochemistry in sport*.
- Organization, teaching, and examination for PhD students: *Metabolism module*.

Publications: <https://www.ncbi.nlm.nih.gov/pubmed/?term=maechler+p>

Interventions for general public

- "Combien de sucre pour mes cellules ?" **TecDay** of the Swiss Academy of Engineering Sciences; 2015, 2016, 2017, 2018, 2019 (Switzerland).
- "Journée portes ouvertes Diabète & Obésité": organizer of this annual **open door** event on ongoing research at the Faculty dedicated to diabetes and obesity: <http://www.diabete.unige.ch/>
- "Avis d'expert": compilation of some **media interventions** on different subjects (fasting, digesting food, what to eat, detox, glutamate, diabetes, body heating): https://avisdexperts.ch/experts/pierre_maechler