

Curriculum Vitae SIMON Michel
Researcher ID: B-7308-2011 / ORCID: 0000-0003-3655-6329

Born on March 30, 1960; married; 2 children
French

Home address: 47 chemin Cantemerle, 31450
Belberaud, France

Telephone number: +33 6 6835 7753



CURRENT POSITION

INSERM Research Director (DR1), Head of the Team «Epidermal Barrier and Keratinocyte Differentiation». Toulouse Institute for Infectious and Inflammatory Diseases (INFINITY), Toulouse University - INSERM UMR1291 - CNRS UMR5051, Toulouse, France. RNSR code: 202123706F

Business address: Institut Toulousain des Maladies Infectieuses et Inflammatoires (INFINITY), Université de Toulouse - INSERM UMR1291 - CNRS UMR5051 – Université Paul Sabatier Toulouse III, CHU Purpan – BP 3028, 31024 Toulouse CEDEX 3, France

- Tel.: +33 5 6115 8427 – e-mail: michel.simon@inserm.fr

EDUCATION

1982: **Engineer**, option Biochemistry. Institut National des Sciences Appliquées de Lyon (France).

1983: **Master of Science in Molecular Biology**. University of Geneva (Switzerland).

1988: **PhD of Sciences in Biology**. University of Geneva.

2002: **Habilitation à Diriger les Recherches (HDR), option Cellular Biology** (accreditation to supervise PhD students). University of Toulouse III.

TRAINING AND PREVIOUS POSITIONS

1984-1988: PhD training (Department of Molecular Biology, University of Geneva)

1988-1990: Post-doctoral training (Department of Genetics CHUL, Québec, Canada)

1990-1998: Post-doctoral training (Department of Cell Biology, University of Toulouse)

1998-2009: Scientist (CR1 Inserm) (UMR5165, CNRS-University of Toulouse)

2009-2024: Scientist (DR2 Inserm) (UMR1056, INSERM-University of Toulouse)

MEMBER OF LEARNED SOCIETIES

- *European Society for Dermatological Research*
- *French Society for Dermatological Research (Société de Recherche Dermatologique)*
- *European Epidermal Barrier Research Network*

RESPONSIBILITIES

- 2016-2020: INSERM-CNRS-Toulouse University UMR1056 Deputy Director

- 2020-2022: Member of the Toulouse School of Health Sciences' Council

- 2018-2024: Member of the Scientific Council of the French Society for Dermatology

- 2022-2026: Member of the INSERM CSS3

- Member of Editorial Boards: The Open Dermatology Journal and The International Journal of Cosmetic Science.

- From 2012: Academic Editor for PLoS ONE

- **Expert for many Reviews**, including Nature Medicine, Nature Com, J Mol Med, J Invest Dermatol, FASEB J, British J Dermatol, Exp Dermatol, J Dermatol Sci, and others.
- **Expert** for the Foundation for Scientific Research Belgium, the German Research Foundation, the University of Gent, the French National Research Agency, the French Society for Dermatology, the French Society for Dermatological Research, etc.
- **Reviewing of abstracts for the Annual Meeting of** the European Society for Dermatological Research (ESDR meeting), session « epidermal structure and function ».
- **PhD examiner** (33 times; 28 times « rapporteur », including Universities of Namur, Barcelona, and Innsbruck, King's College London) **and member of four "HDR" board examiner**.

TEACHING ACTIVITIES and TRAINING THROUGH RESEARCH

- 1999-2024: Master 1, Differentiation and oncogenesis, University of Toulouse (3h/year).
- 2011-2022: DFGSM-2, Purpan and Rangueil Schools of Medicine, University of Toulouse (50h/year).
- From 1997: **Supervisor of 13 Master 2 students and 14 PhD students**.
- 2024: **EMBO Workshop** "Mechanisms of Citrullination Regulation in Health and Disease" July 2024, Toulouse, France. Co-organizer.

RESEARCH FUNDING IN THE LAST FIVE YEARS

1. **Société Française de Dermatologie**. 01/2024 to 01/2026. **33,000 euros**. Promotor **M Simon**
2. **L'Oréal**. 09/2019 to 06/2023. **280,000 euros**. Promotor **M Simon**.
3. **Région Occitanie- Projet OCTOPUs**. 02/2020 to 07/2023. **2 461 507 euros**. Promotor **M Simon**
4. **Région Occitanie- Projet INSPIRE**. 09/2019 to 12/2022. **600,000 euros**. Co-Promotor **M Simon**
5. **ANR – Projet KERATHER**. 2024-2027. **164,000 euros**. Partner **M Simon**

INVITED LECTURES

Twenty-two in English (including **Gordon Research Conferences, Barrier Function of Mammalian Skin on August 2007, 2009 and 2019**) and 19 in French.

PUBLICATIONS

117 publications referenced in the Web of Science (6,148 citations on January 2026) most of them related to skin biology and epidermal proteins, 18 book chapters and 7 patents. **H-index = 43**

FIVE RELEVANT ORIGINAL PUBLICATIONS AND REVIEWS OF THE LAST FIVE YEARS

1. Cassagne M, Galiacy S, Kyhygina A, Chapotot E, Wallaert M, Vabres B, Tauber M, Barbarot S, Paul C, Fournié P, Simon M. Conjunctival Cells of Dupilumab-treated Atopic Dermatitis Patients with Ocular Adverse Events Display a Transcriptomic Psoriasis Signature. **J Invest Dermatol**, 145:1050-1059, 2025.
2. Briot J, Pons C, Foucher A, Goudounèche D, Gaudenzio N, Donovan M, Bernard D, Méchin M-C, Simon M. Prolyl endopeptidase is involved in filaggrinolysis and cornification. **J Invest Dermatol**, 145(1):98-108.e15, 2025.
3. Combarros D, Brahmi R, Musaefendic E, Heit A, Kondratjeva J, Moog F, Pressanti C, Lecru LA, Arbouille S, Laffort C, Goudounèche D, Brun J, Simon M*, Cadiergues M-C*. Reconstructed Epidermis Produced with Atopic Dog Keratinocytes Only Exhibit Skin Barrier Defects after the Addition of Pro-inflammatory and Allergic Cytokines. **J Invest Dermatol – Innov**, 26;5(2):100330, 2024.
4. Alioli AC, Briot J, Pons C, Yang H, Gairin M, Goudounèche D, Cau L, Simon M and Méchin M-C. Down-regulation of human peptidylarginine deiminase type 1 disturbs nucleophagy in the granular layer and epidermal barrier function. **Cell Death Discov**, 9(1):198, 2023.
5. Méchin M-C, Simon M. Deimination in epidermal barrier and hair formation. **Philos Trans R Soc Lond B Biol Sci**, 378 (1890), 20220245; 2023.