

Full-time doctoral position at University of Geneva

The Unit of Therapeutic Patient Education of the Geneva University Hospitals and University of Geneva (UNIGE) is hiring a doctoral researcher for a project conducted in collaboration with the École Polytechnique Fédérale de Lausanne (EPFL) and the Laboratory of Kinesiology (UNIGE/HUG).

We welcome applications from highly motivated early-career researchers with an excellent academic track record or a strong interest in the prevention of lower-limb amputations in people with diabetes.

The aim of the project is to develop smart footwear and conduct a clinical trial to evaluate innovative off-loading technology in diabetic patients, with the ultimate goal of preventing foot ulcers and amputations.

More details can be found in the article:

<https://www.frontiersin.org/journals/endocrinology/articles/10.3389/fendo.2023.1166513/full>

Full-Time Research Position (4 years, SNSF-funded)

We are seeking a highly motivated candidate to join our multidisciplinary team on an exciting project funded by the Swiss National Science Foundation (SNSF).

The successful candidate will work closely with medical doctors, engineers, orthopedic shoemakers, and foot biomechanics specialists to design and clinically test next-generation therapeutic footwear aimed at preventing diabetic foot ulcers and lower-limb amputations.

Your Role

The appointed doctoral researcher will be responsible for:

- Investigating the role of foot biomechanics in increased plantar pressure and contributing to the design of therapeutic off-loading footwear for people with diabetes.
- Conducting clinical studies with both healthy volunteers and diabetic patients using prototype footwear, including preparing research protocols and their submission to the local Ethics Committee and Swissmedic.
- Assessing the impact of the shoes on plantar pressure and spatio-temporal gait parameters.
- Disseminating findings through peer-reviewed scientific publications and international conferences.

Profile

We are looking for a candidate passionate about innovation, driven by excellence, and eager to make a real difference in patient care.

The ideal candidate will have:

- A master's degree (or equivalent) in biomechanics, movement sciences, biomedical engineering, or a related discipline.
- Experience or a strong interest in foot biomechanics, diabetes-related complications, or the prevention of lower-limb amputations.
- Proficiency in French (mandatory) and English.

We Offer

- A 4-year doctoral contract under attractive SNSF conditions in Switzerland.
- Personalized supervision and access to cutting-edge facilities (laboratories, biomechanical devices, and clinical platforms).
- Opportunities for continuous training, participation in international conferences, and support for publications.
- Strong potential for personal and professional development in applied medical research.

Application Process

Please send your complete application as a single PDF file named: *YourName-Foot-PhD-UNIGE* to: zoltan.pataky@hug.ch

The application should include:

1. A CV (max. 2 pages).
2. A full list of publications (if applicable).
3. A one-page motivation letter highlighting the fit between your profile and the project.
4. A short research proposal (max. 500 words) related to the project.
5. Contact details of three referees (no letters required at this stage).

Key Dates

- Deadline: December 1, 2025 (applications will be reviewed continuously until the position is filled).
- Start date : January 2026.

Full-time post-doctoral or advanced research scientist position at University of Geneva

The Unit of Therapeutic Patient Education of the Geneva University Hospitals and University of Geneva (UNIGE) is hiring a post-doctoral researcher or an advanced research scientist for a project in collaboration with the Ecole Polytechnique Fédérale de Lausanne (EPFL) and the Kinesiology laboratory at the University of Geneva.

Applications are welcome from early career scientists with an outstanding track record or strong interest in the field of **Foot Pressure Offloading to Prevent Lower Extremity Amputations in People with Diabetes**.

The aim of the project is to develop smart footwear and conduct a clinical trial to evaluate intelligent pressure off-loading in patients with diabetes, with the goal of preventing foot ulcers and amputations: <https://www.frontiersin.org/journals/endocrinology/articles/10.3389/fendo.2023.1166513/full>

Full-time Research Position (4 years, SNSF-funded)

We are seeking a highly motivated researcher to join our multidisciplinary team for an exciting project funded by the Swiss National Science Foundation. The successful candidate will collaborate closely with medical doctors, engineers, shoemakers, and specialists in foot biomechanics to develop and clinically test next-generation therapeutic footwear designed to prevent diabetic foot ulcers and lower-limb amputations.

Your Role

The appointed researcher will be responsible for:

- Investigating the role of foot biomechanics in increased plantar pressure and contributing to the design of intelligent off-loading therapeutic shoes for people with diabetes.
- Managing and conducting clinical studies with both healthy volunteers and diabetic patients using prototype footwear.
- Supervising a doctoral student who will work jointly on the project
- Assessing the shoes' impact on plantar pressure and spatio-temporal gait parameters.
- Disseminating findings through high-quality scientific publications and international conferences.

Profile

We are looking for a candidate who is passionate about innovation, driven by excellence, and eager to make a real difference in patient care. The ideal profile includes :

- A degree in biomechanics, human movement sciences, or a related field (a master's or equivalent is preferred but not mandatory).
- Background in foot biomechanics, diabetes mellitus or diabetes-related complications, prevention of lower-limb amputations.
- Strong interest in clinical gait analysis.
- Proficiency in English; knowledge of French is an advantage.

Application & Selection Process

Please send your complete application as a single PDF file named: *YourName-Foot-postdoc-UNIGE* to:
zoltan.pataky@hug.ch

The application should include :

1. A 2-page CV.
2. A complete list of your publications (authors, title, journal/conference, date).
3. A 1-page motivation letter explaining suitability for the position.
4. A short research proposal (max. 500 words) related to the project theme.
5. Contact details of three referees (no reference letters at this stage).

Key Dates

- Deadline: December 1, 2025 (applications will be reviewed continuously until the position is filled).
- Start date : January 2026.