We are looking for a highly motivated Postdoc/Research fellow for healthcare research related to childhood asthma

Would you like to be part of a SNF-funded study that aims to improve healthcare for children with asthma in Switzerland? Develop novel algorithms for diagnosing asthma in children and predicting acute exacerbations and long-term chronic disease? Implement evidence-based medical practice and contribute to a learning health system?

You will part be of a lively research group that coordinates the Swiss Paediatric Airway Cohort (SPAC), a large cohort study of children visiting respiratory outpatient clinics in Switzerland. Together with PhD students and research assistants, you will organise the study in the participating hospitals and collect data from hospital databases and questionnaires. You will communicate with hospitals, interview parents of patients, and supervise PhD students and research assistants.

We want to implement the recently published diagnostic algorithm for childhood asthma into the Swiss healthcare system and to assess its usefulness. Develop prognostic prediction models for estimating the risk of acute asthma exacerbations and chronic symptoms. Conduct participatory research with parents and physicians. For all this, we search for a postdoc with experience in respiratory research, who will complement and co-lead a research group of 4-5 people.

Main tasks:
• coordinate the SPAC study together with PhD students, distribute tasks, communicate with hospitals, and implement standardized asthma diagnostics.
• Statistically analyse data from SPAC and other datasets to develop and validate diagnostic and prognostic prediction models
• Write publications in peer-reviewed journals and present results at international conferences
• Support PhD students in manuscript preparation and statistical analyses

Requirements:
• PhD or MD-PhD in epidemiology, biostatistics, clinical research, or similar
• At least 3 years’ work experience in paediatrics, respiratory medicine, or clinical epidemiology.
• Sound statistical programming skills, in Stata or R, ideally including generalized linear models, multi-level models, survival analysis, meta-analysis, and latent variable modelling
• Organizational skills and ability to work efficiently in parallel projects, to work independently, and to interact with interdisciplinary teams
• Excellent knowledge of English (German and French would be an asset).

The position is available immediately, with negotiable date of start and offered for 2 years initially. Salary depends on qualification and experience.

If you are looking for an exciting position in a highly motivated interdisciplinary team please send your CV with motivation letter to Professor Claudia Kuehni (claudia.kuehni@ispm.unibe.ch) and to Eva Pedersen (eva.pedersen@ispm.unibe.ch). For further information, please contact us by e-mail. Please send you application as soon as possible, at the latest by November 20th, 2022.