



EUROPEAN UNION
European Structural and Investment Funds
Operational Programme Research,
Development and Education



Senior researcher position

in the project **International Mobility of Researchers at Charles University**

CZ.02.2.69/0.0/0.0/16_027/0008495

- expected date of commencement March 2021

- 6 months, workload 0,5 (FTE)

The area of research: Kinanthropology/Biomechanics – kinetic and kinematic data analysis and the use of advanced methods of statistics.

Mobility will focus on the transfer of experience with data manipulation and preparation in the form of curves from kinetic and kinematic analyzes. This experience transfer will be focused on the use of advanced statistical methods such as data reduction techniques or neural networks learning.

The senior researcher will apply these methods to ongoing research in the training interventions of athletes or the general population, where the use of these advanced statistical methods for clinical practice will be required.

Requirements:

1. To be a researcher from abroad who has been working in an institution(s) outside the Czech Republic in the area of research for at least 2 years within the last 3 years for a minimal workload 0,5. Czech citizens are not excluded.
2. To be a senior researcher. Senior researcher means a researcher with a Ph.D. degree or its equivalent (ISCED level 8 equivalent) gained at least seven years before the date of commencement of the mobility.
3. To meet the following senior researcher performance criteria:
 - H-index - a minimum value of 8.5 based on the normalized H-index table “The calculation of a standardized H-index instructions” below. Web of Science or Scopus are the sources for the conversion of the H-index value.
 - To participate as a leading researcher or co-researcher in at least one national or international grant within last five years.
 - Publishing activity – at least three publication outputs within the last five

Conditions:

The researcher is required to participate in an active way in a conference/seminar/workshop organized by the beneficiary at least once within the mobility.

The applicant must support the application with:

- University Degree (or its nostrification)
- Professional CV concerning publishing activities
- Document(s) proving the activities outside the Czech Republic in two years out of the last three years (can be stated in the professional CV)
- Normalized H-index calculation (signed by the researcher)
- Brief research description the researcher will work on, justifying the need for the research area

Calculation of the normalized H-index instructions

For the calculation please use the following table:

The normalizing factor	f
$hN = f \times h$	
Discipline	
Agricultural Sciences	1.27
Biology & Biochemistry	0.60
Chemistry	0.92
Clinical Medicine	0.76
Computer Science	1.75
Engineering	1.70
Environment/Ecology	0.88
Immunology	0.52
Materials Science	1.36
Mathematics	1.83
Microbiology	0.63
Molecular Biology & Genetics	0.44
Neuroscience & Behaviour	0.56
Pharmacology & Toxicology	0.84
Physics	1.00
Plant & Animal Science	1.08
Psychiatry	0.88
Space Science	0.74

Please send the applications within 30 days of the advertisement publication at the e-mail:
kariera@ftvs.cuni.cz, or podatelna@ftvs.cuni.cz.

In Prague: January 14, 2021

The first day of the publication:



Assoc. Prof. MUDr. Eva Kohlíková, CSc.
Dean of the Faculty