

T5.3 Research topics for post-docs

1. University of Pécs – Medical School

1.: Institute of Biochemistry and Medical Chemistry

Research topic: Fatty acid analysis of plant-based foods

Field of science: nutrition, chemistry

2.: Institute of Physiology

Research topic: Neuroscience

Field of science: Metabolic consideration of posttraumatic stress disorder

3.: Institute of Translational Medicine

Research topic: exploring the regulation of body temperature in health and disease, primarily through preclinical (animal experimental) studies, and to a lesser extent, clinical investigations.

4.: Institute of Primary Care

PALLiative Care Yields Cancer wellbEing Support (PAL-CYCLES) (HORIZON-HLTH-2021-DISEASE-04-01) – Palliative and end-of-life care, medical communication, oncology
2022-2027

EU PAL-COPD (HORIZON-HLTH-2023-DISEASE-03-01) – Palliative and end-of-life care, pulmonology (COPD), medical communication
2024-2028

2. University of Pécs – Faculty of Science, Institute of Geography and Earth Sciences, Department of Political Geography, Development and Regional Studies

Research topics:

- Border Studies
- Political geography of Central and Southeast Europe
- State- and Nation Building in Southeast Europe

Research topics:

- Military and Memorial Landscapes
- Identity politics in Central and Southeastern Europe
- Migration and kin-state politics

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3. University of Pécs – Faculty of Humanities and Social Sciences

1.: Contemporary Challenges Research Center

Research areas: Migration, security policy, identity issues, ecology (with a focus on the effects of climate change), transforming economic systems, the social aspects of digitalization, urbanization, and rural depopulation.

2.: Institute of History

Topic: The planned joint research project will examine the confessional cultures of the former Habsburg Monarchy in the 16th-19th centuries. The focus will be on the public and academic activities of Hungarian, Slavic and German-speaking Catholic and Protestant intellectuals.

3.: Social Innovation Evaluation Research Unit (SIERC)

Research topics:

- The role of liminal experience in identity reconstructions
- Explorations on academic identity

4.: Institute of Psychology

Research topics:

- Attitudes toward people with disabilities - focusing on social and personal determinants
- Adjustment to chronic diseases - the influence of personality and social factors on the adjustment process, the impact of chronic disorders on caregivers/spouses

Research topic: Emotional traits and emotion-regulation from an affective neuroscience perspective

Research topics:

- Measuring affective responses during face categorization with eye tracking, EEG, and psychophysiological methods - testing the Multi-level Affective Feedback Model
- Affective and semantic processing in face perception - measuring the incongruity effect with eye tracking, EEG, and psychophysiological methods
- Eye-tracking in User Experience (UX) research

Research topics:

- The effect of beauty stereotypes on the perception of sexual assault
- The facilitation of within- and between-group cooperation in a new economic game

Research topics:

- Dynamics of collective memory: how the past weights the present and vice versa
- Relationship between national identification and ego identity status
- Collective traumas and conspiracy theories

Research topics:

- Attentional biases towards threats - capturing the vigilance-avoidance effect with eye-tracking and EEG.
- The effect of statistical regularities in time and space on suppressing task-irrelevant phobia-related stimuli.
- Investigating the effect of phobia-related task-irrelevant stimuli on task performance with subjective (survey) and objective (physiology) measures.

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4. University of Pécs – Faculty of Business and Economics

Research topics:

- Sustainability Campus Index project
- Business simulations, strategy, quality management
- Experimental research on the internal drivers of over-indebtedness: how psychological, emotional, and cognitive factors influence individuals' financial decisions (behavioral economics)
- Mainstreaming sustainability in consumer behaviour