

Partner institutions

Academic and Research Institutions

Czech Republic

Institute of Physiology, Czech Academy of Sciences – Project of Excellence in the area of neuroscience, the pathophysiological basis of neuronal circuits in OCD: A translational study focused on glutamatergic regulation in the frontal cingulate matter, a genetic and functional study of NMDA receptors with a focus on the possible diagnostics and treatment of schizophrenia; New hybrid molecules in the treatment of cognitive disorders linked to neurodegeneration; cognitive impairments, structural and functional morphological changes of the brain in the treatment of Hodgkin's lymphoma

Institute of Computer Science, Czech Academy of Sciences – creation of the multimodal database HYDRA (Hyper-Database of Recognizable Associations) – pre-processing, fusion, integration and analyses, interactive visualisations in low-dimensional space, personality and spontaneous brain activity in resting state and while watching a film, the prediction of therapeutic response in patients with depression using new methods of EEG analysis

Institute of Phonetics and Electronics, Czech Academy of Sciences – the interactions of the intracellular amyloid-beta and the diagnostics of Alzheimer's disease

The Department of Cybernetics, Faculty of Electrical Engineering, Czech Technical University in Prague – creation of the multimodal database HYDRA (Hyper-Database of Recognizable Associations) – pre-processing, fusion, integration and analyses, interactive visualisations in low-dimensional space

The Department of Cybernetics, The University of West Bohemia, Pilsen – the multimodal database HYDRA (Hyper-Database of Recognizable Associations) – pre-processing, fusion, integration and analyses, interactive visualisations in low-dimensional space, the effects of new mobile technologies on human health, human nature in the area of improving cognitive abilities

The Faculty of Economics, University of Economics, Prague – memorandum of collaboration

The 3rd Faculty of Medicine, Charles University in Prague – the NIMH carries out the teaching of psychiatry in the postgraduate study programme of General medicine, and the teaching of psychiatry/psychiatric care in the undergraduate study programmes of the faculty, specifically in the study programme Specialisations in healthcare for the course Physiotherapy and Dental hygiene and in the study programme Nursing for the course General nurse in both on-campus and distance study forms; postgraduate doctoral studies in the area of neuroscience; research in the area of cognitive impairments, structural and functional changes of the brain in the treatment of Hodgkin's lymphoma

Faculty of Humanities, Charles University in Prague – the study of variations in sexuality: description of the prevalence in the population, physiological and neural correlates in experimental exposition to targeted visual stimuli

Philosophical faculty, Masaryk University, Brno – affective response to visual art: linking the view of art theorists and neuroscientists

The Institute of Clinical and Experimental Medicine – endophenotypes of psychotic disorders

The University Hospital, Hradec Králové – the development of multifunctional medication for Alzheimer's disease

The University Hospital in Prague, Motol - Fakultní nemocnice v Motole – the interactions of the intracellular amyloid-beta and the diagnostics of Alzheimer's disease

Academia Medica Pragensis Foundation – education of nurses

Nuclear Physics Institute, Czech Academy of Sciences – the preparation of a joint operational programme in the area of radiopharmaceuticals

Internation Clinical Research Centre (FNUSA-ICRC) – preparation of a joint research project in the area of high-resolution EKG changes in patients treated with antipsychotics

CEITEC (Central European Institute of Technology) – preparation of a joint programme in the area of MRI

Hospital Na Homolce, Department of nuclear medicine and Pet Centre – memorandum of collaboration

International

Universitätsklinikum Hamburg-Eppendorf, Centre for Interdisciplinary Addiction Research, Clinic for Psychiatry and Psychotherapy (Germany) – online screening and intervention for adolescents using addictive substances, human behaviour in crisis situations

Stockholm County Council (Sweden) – online screening and intervention for adolescents using addictive substances

Lunds Universitet (Sweden) – online screening and intervention for adolescents using addictive substances

Ernst-Moritz-Arndt-Universität Greifswald (Germany) – the study of human behaviour in crisis situations

University of Greenwich (UK) – the study of human behaviour in crisis situations

Alma Mater Studiorum-Universita di Bologna (Italy) – the study of human behaviour in crisis situations

Instituto de Seguridad Publica de Cataluna (Spain) – the study of human behaviour in crisis situations

University College of Gjøvik, Oslo (Norway) – the effects of new mobile technologies on human health

Akershus University, College of Applied Science (Norway) – the effects of new mobile technologies on human health

Klinik und Poliklinik für Kinder- und Jugendpsychiatrie und -psychotherapie, Dresden (Germany) – collaboration with RP 1

Universitätsklinikum Carl Gustav Carus, Dresden (Germany) – collaboration with RP 1

Dalhousie University, Mood Disorders Program, Department of Psychiatry (Canada) – a memorandum of collaboration

Servicio Madrilenno de Salud (Spain) – the preparation of the MIDWES-4Europe - Horizon 2020 project

Semmelweis University, Budapest (Hungary) – A joint study „Prevalence of adult attention deficit hyperactivity disorder (aADHD) and comorbid disorders in clinical psychiatric settings in Hungary and the Czech Republic“

Shemyakin-Ovchinnikov Institute of Biorganic Chemistry of the Russian Academy of Sciences, Moscow (Russia) – measuring the levels of serum autoantibodies in various patient groups against two peptides (singled-out in Russia), which are derived from the acetylcholine receptor and the nerotrophin receptor p75, which provides links for amyloid-beta

Centre des Sciences du Goût de Dijon (CNRS-Université de Bourgogne) (France) – collaboration on a joint research project – the ontogenesis of olfactory perception

Hanze University of Applied Sciences, Institute of Communication Media and IT (Netherlands) – collaboration on projects linked to virtual reality

University of Granada, Spain (Spain) – collaboration on projects linked to the research of human sexuality

University of Geneva, Swiss Center for Affective Sciences (CISA) (Switzerland) – collaboration on the research of the ontogenesis of olfactory perception

University of Stirling, Division of Psychology (UK) – collaboration on the research of the ontogenesis of olfactory perception

King's College, London (UK) – PSYSCAN: Translating Neuroimaging Findings from Research into Clinical Practice; STRATA: Schizophrenia: Treatment resistance and therapeutic advances

European Society for Sexual Medicine (ESSM) – The study of sexual variation: physiological and neural correlates during experimental exposure to erotic stimuli

Royal Clinic Ottawa (Canada) – collaboration on projects linked to the research of human sexuality

University of Bogota (Columbia) – collaboration on projects focused on voice analysis

University of California, Santa Barbara (USA) – collaboration on a research study of partner communication

Medical University of South Carolina (USA) – collaboration on projects focused on fMRI research and the research of human sexuality

University of California, Los Angeles (USA) – ENIGMA: Enhancing Neuroimaging Genetics Through Meta-analyses

The Johns Hopkins Mood Disorders Center, Johns Hopkins Hospital, Baltimore, US; Institute for Psychiatric Phenomics and Genomics Ludwig-Maximilians-University Munich, DE – The International Consortium on Lithium Genetics (ConLiGen)

McMaster University, Centre for Addiction and Mental Health (Canada) – the preparation of a project focused on authenticating the analytical rumination hypothesis

Semel Institute at University of California (USA) – joint preparation of a grant application for a standardized and normative study of the Czech version of the MATRICS battery for a complex evaluation of cognitive functions in schizophrenia

John D. Dingell VA Medical Center, Detroit (USA) – joint publication activity and data analysis in the National Normative Study of Cognitive Determinants of Healthy Ageing grant (NANOK)

Psychology department, Concordia University, Montreal (Canada) – – joint publication activity and data analysis in the National Normative Study of Cognitive Determinants of Healthy Ageing grant (NANOK)

Working Memory and Plasticity Lab, School of Education, University of California (USA) – the issue of working memory – long-term collaboration on experiments and publication outputs

Institute of Psychology, University of Sao Paulo, São Paulo (Brasil) – the research of human sexuality and relationships – collaboration on projects

University of Beijing (China) – Analysis of structural and functional brain connectivity

Department of Psychiatry Mount Sinai School of Medicine (Israel) – project LH13254 The effects of a diet with low levels of substances with advanced glycation on memory and Alzheimer type neuropathology

Institute of Wildlife Veterinary Research, KVAFSU, Doddaluvara, Kodagu (India) – collaboration on joint research – toxoplasmosis and secondary sex ratio

Philipp Pinela Hospital, Pezinok (Slovakia) – memorandum of collaboration in the area of brain activity mapping and polysomnographic examinations using EEG and other types of biological signals

Commerical sphere

Czech Republic

Alfarma, s.r.o. – development in the area of psychopharmaceuticals and new medication

Amepra, s r.o – development of the ITAREPS collecting environment

Aspect Medical System, Inc. – providing anonymised EEG data for the preparation of a diagnostics EEG SW in the area of Alzheimer’s disease

BTL medical technologies, a.s – memorandum of collaboration

Capitol Internet Publisher, s.r.o. – the development of a hybrid interface for the communication with medical insurance companies as part of the telemedicine programme

ComGate, a.s. – development of the ITAREPS collecting environment.

Dynex laboratories, s.r.o. – development in the area of psychopharmaceuticals and new medication

ELON Technologies – development of a luminostimulation light mask

ESSENCE LINE, s.r.o. – memorandum of collaboration

Genomac výzkumný ústav, s.r.o. – development and testing of genetic analysis methods

Genomac International, s.r.o. – memorandum of collaboration

IBM – development of data analysis algorithms

Intel Czech Trading, Inc. – testing of HW means and algorithms for the analysis of high-volume data “genomics, multimodal neuroimaging)

Janssen-Cilag s.r.o. – joint education programme of the Centre of advanced studies in Psychiatry and Psychopharmacology

Konomed s.r.o. – development in the area of psychopharmacology and new medication

KRKA ČR, s.r.o. – memorandum of collaboration

Labio, a.s. – memorandum of collaboration

Medical Technologies CZ, a.s. – memorandum of collaboration

M&I, s r.o. – development and testing of hardware EEG and the Brainscope polysomnographic system (testing of EADS 221 amplifiers, etc.)

MINDPAX, s.r.o. – development of a wrist-worn actigraph device with wireless transfer (BipoGear)

Psychodiagnostika Brno, spol. s r.o. – memorandum of collaboration

SANANIM, s.r.o. – memorandum of collaboration

Siemens – development and testing of MRI protocols

Stapro, s.r.o. – development of an advanced hospital informational system (NIS) with elements of computer-supported decision-making in medicine

Unimedis, s r.o. – testing and preparation of software for the analysis and archivation of EEG and polysomnographic records (Easys, EEGViewer apod.)

Ústav jaderného výzkumu Řež, a. s. – memorandum of collaboration

Vidia, spol. s.r.o. – memorandum of collaboration

Zentiva, k.s. – memorandum of collaboration

International

Enkam Pharmaceuticals A/S (Denmark) – the development of new biomarkers and medication for neurodegenerative diseases

Lundbeck A/S (Denmark) – the development of new biomarkers and medication for neurodegenerative diseases

FORENAP Pharma (France) – the development of new biomarkers and medication for neurodegenerative diseases

Qualissima (France) – the development of new biomarkers and medication for neurodegenerative diseases

Vereniging voor Alcohol en andere Drugproblemen vzw (Belgium) – online screening and intervention for adolescents using addictive substances

MTO Säkerhet 2010 AB (Sweden) – human behavior in crisis situations

INTEL Corporation – memorandum of collaboration

Public sector of applications in research and development

Czech Republic

National monitoring centre for drugs and drug addiction, The Office of the Government of the Czech Republic - memorandum of collaboration

Ministry of Finance – material for legislation in the area of gambling

Ministry of Interior, Czech Republic – validation of integrity tests, research and evaluation of the extent to which drivers are affected after using cannabis drugs, the problematics of new synthetic drugs

Psychiatric hospitals – reform of psychiatric care and implementing a system of integrated psychiatric rehabilitation

Bohnice Psychiatric Hospital – differentiation of specialized medical examinations/treatment at detached workplaces with specific specializations (for example new imaging methods)

Sdružení Podané ruce, o.p.s. – memorandum of collaboration

Central-Bohemia innovation centre – collaboration in the area of applications of new technologies in public mental health

[International](#)

Landesfeuerweherschule Hamburg (Hamburg Fire and Emergency Service) (Germany) – human behavior in crisis situations

Szkola Główna Służby Pożarniczej (Poland) – human behavior in crisis situations