

Acronym: 3DMinBrain

Title: High-Throughput, High-Content Screening of human neuroectodermal organoids for innovative drug discovery in neurodegenerative diseases

Coordinator: Jean-Philippe Deslys, Commissariat à l'énergie Atomique, Fontenay-aux-Roses, France

Partners:

Name	Institution	Country
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Jean-Charles Lambert	Institut Pasteur de Lille	France
Giuseppe Legname	Scuola Internazionale Superiore di Studi Avanzati-SISSA Trieste	Italy

Acronym: 3DPD

Title Advanced modelling of Parkinson's disease with three-dimensional human midbrain organoids:

Coordinator: Jens Schwambor University of Luxembourg, Esch-sur-Alzette, Luxembourg

Partners:

Name	Institution	Country
Hans Schoeler	Max-Planck-Institute for Molecular Biomedicine Muenster	Germany
Peter Ertl	AIT Austrian Institute of Technology Vienna	Austria
Vincenzo Bonifati	Erasmus MC Rotterdam	Netherlands
Dror Seliktar	Technion Haifa	Israel

Acronym: ADAGE

Title: Alzheimer's Disease pathology within the ageing physiology

Coordinator: Claudio Franceschi, IRCCS Institute of Neurological Sciences of Bologna, Italy

Partners:

Name	Institution	Country
Nancy Pedersen	Karolinska Institute Stockholm	Sweden
Kevin Mills	London University College	United Kingdom
Giorgio Giaccone	Istituto Nazionale Neurologico Carlo Besta Milan	Italy
Gene Bowman	Nestlé Institute of Health Sciences	Switzerland

Acronym: aSynProtec

Title: Alpha-synuclein pathology propagation in Parkinson's disease and quest for novel protective strategies

Coordinator: Jia-Yi Li, Lund University, Sweden

Partners:

Name	Institution	Country
Tiago Fleming Outeiro	University Medical Center Goettingen	Germany
Olaf Riess	University of Tuebingen	Germany
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Daniel Otzen	Aarhus University	Denmark
Richard Wade-Martins	University of Oxford	United Kingdom
Hilal Lashuel	Swiss Federal Institute of Technology Lausanne	Switzerland
Jeroen Raes	Leuven University	Belgium

Acronym: BRIDGET

Title: BRain Imaging, cognition, Dementia and next generation GEnomics: a Transdisciplinary approach to search for risk and protective factors of neurodegenerative disease

Coordinator: Stéphanie Debette, University of Bordeaux, France

Partners:

Name	Institution	Country
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Ian Deary	University of Edinburgh	United Kingdom
Gunter Schumann	King's College, London	United Kingdom
Perminder Sachdev	University of New South Wales	Australia

Acronym: CircProt

Title: Synaptic CIRCUit PROTection in AD and HD: BDNF/TrkB and Arc signaling as rescue factors

Coordinator: Volkmar Lessmann, Otto-von-Guericke-University, Magdeburg, Germany

Partners:

Name	Institution	Country
Eero Castren	University of Helsinki	Finland
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Kurt Gottmann	Heinrich-Heine-University Duesseldorf	Germany
Michele Migliore	National Research Council	Italy
Elena Cattaneo	University of Milano	Italy

Acronym: CureALS

Title: Stress granules and proteostasis in motor neurons: towards a mechanistic understanding of ALS

Coordinator: Simon Alberti, Max Planck Society, Dresden, Germany

Partners:

Name	Institution	Country
Daniel Kaganovich	Hebrew University of Jerusalem	Israel
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Jared Sternecker	Technische Universität Dresden	Germany
Adriano Aguzzi	University of Zurich	Switzerland

Acronym: DACAPO-AD

Title: Deciphering Interactions of Acquired Risk Factors and ApoE-mediated Pathways in Alzheimer's Disease

Coordinator: Gabor Petzold, German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany

Partners:

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Acronym: EADB

Title: European DNA bank to decipher the Alzheimer disease missing heritability

Coordinator: Jean-Charles Lambert, Institut Pasteur de Lille, France

Partners:

Name	Institution	Country
Mikko Hiltunen	University of Eastern Finland	Finland
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Martin Ingelsson	Upsalla University	Sweden
Rebecca Sims	Cardiff University	United Kingdom
Franck Jessen	University Hospital Cologne	Germany

Acronym: EPI-AD

Title: Targeting epigenetic dysregulation in the brainstem in Alzheimer's Disease

Coordinator: Daniel van den Hove, Maastricht University, Netherlands

Partners:

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Katie Lunnon	University of Exeter Medical School	United Kingdom
Thomas Haaf	University of Würzburg	Germany
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Antonio Del Sol	Luxembourg Centre for Systems Biomedicine	Luxembourg

Acronym: ESMI

Title: European Spinocerebellar Ataxia Type 3/Machado-Joseph Disease Initiative

Coordinator: Thomas Klockgether, Deutsches Zentrum für Neurodegenerative Erkrankungen e.V. (DZNE), Bonn, Germany

Partners:

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Olaf Rieß	University of Tübingen	Germany
Bart P.C. van de Warrenburg	Radboud University Medical Center Nijmegen	Netherlands

Acronym: GBA-PARK

Title: GBA1 mutations in Parkinson's disease: clinical and biochemical prodrome, risk profile and pathogenetic modelling for therapeutic intervention.

Coordinator: Anthony Schapira, University College London, United Kingdom

Partners:

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Fabio Blandini	IRCCS C. Mondino National Neurological Institute Pavia	Italy
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Acronym: INSTALZ

Title: Genomic Instability in Alzheimer's Disease and Related Disorders: a Single-Cell Approach

Coordinator: Bart Dermaut, Université de Lille, France

Partners:

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Marie-Christine Galas	Inserm Lille Hinxton	France
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Bart De Strooper	KU Leuven	Belgium
Vilhelm Bohr	Copenhagen University	Denmark
Joakim Lundeberg	The Royal Institute of Technology Stockholm	Sweden

Acronym: MADGIC

Title: Generation of Improved cellular and animal Models for identification of disease phenotype and new therapeutic targets of Alzheimer's Disease

Coordinator: Jari Koistinaho, University of Eastern Finland /Itä-Suomen yliopisto, Kuopio, Finland

Partners:

Name	Institution	Country
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Michael Heneka	University Hospital of Bonn	Germany
Frank Edenhofer	Julius-Maximilians-University of Würzburg	Germany
Tarja Malm	University of Eastern Finland Kuopio	Finland

Acronym: ModelPolyQ

Title: Advanced models of polyglutamine disorders (HD, SCA2, SCA3, SCA7)

Coordinator: Luis Pereira de Almeida, CNC- Center for Neuroscience and Cell Biology of Coimbra, Portugal

Partners:

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Huu Phuc Nguyen	University of Tuebingen	Germany
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Nicole Déglon	Lausanne University Hospital (CHUV)	Switzerland
Anselme Perrier	Inserm/UEVE U861 Evry	France
Elena Cattaneo	University of Milan	Italy

Acronym: NAB3

Title: Development of a Novel Multicellular In Vitro Model of Alzheimer's disease-like Blood-Brain Barrier

Coordinator: Francesca Re, University of Milano-Bicocca (UNIMIB), Monza, Italy

Partners:

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Wiep Scheper	Stichting VU-VUmc Amsterdam	Netherlands
Sandrine	Institut National de la Sante et de la Recherche Medicale Paris	France

Acronym: PROP-AD

Title: Propagation behaviour of peripheral amyloid-beta towards brain structures: effects of the blood-brain barrier

Coordinator: Jens Pahnke, University of Oslo, Norway

Partners:

Name	Institution	Country
Claus Pietrzik	University of Mainz	Germany
Dan Frenkel	University of Tel Aviv	Israel
Maciej Bilverstål	Karolinska Institutet Stockholm	Sweden
Henrik Lalowski	University of Helsinki	Finland

Acronym: REfrAME

Title: Pathway complexities of protein misfolding in neurodegenerative diseases: a novel approach to risks evaluation and model development

Coordinator: Giuseppe Legname, Scuola Internazionale Superiore di Studi Avanzati-SISSA, Trieste, Italy

Partners:

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Adriano Aguzzi	University of Zurich (UZH)	Switzerland
Michal Novak	Slovak Academy of Sciences (SAS) Bratislava	Slovakia

Acronym: SNOWBALL

Title: Cerebral amyloid angiopathy and vascular dementia

Coordinator: Marc Fatar, University of Heidelberg, Mannheim, Germany

Partners:

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Mar Hernández-Guillamon	Hospital Universitari Vall D'Hebron	Spain

Acronym: STAD

Title: Synapse-to-nucleus communication in Alzheimer's disease

Coordinator: Monica DiLuca, Università degli Studi di Milano, Italy

Partners:

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Christophe Mulle	Centre National de la Recherche Scientifique Bordeaux	France
Michael R. Kreutz	Leibniz Institute for Neurobiology	Germany

Acronym: SYNACTION

Title: Unravelling the pathophysiological role of alpha-synuclein aggregation, transmission and neuroinflammation in neurodegeneration

Coordinator: Veerle Baekelandt, Katholieke Universiteit Leuven, Belgium

Partners:

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Stéphane Hunot	Institut du Cerveau et de la Moelle Epiniere Paris	France