



Healthy brain ageing and improved therapeutics and regeneration for brain disease

Longer title: Healthy brain ageing and improved therapeutics and regeneration for brain disease

Description

The UN Sustainable Developmental Goal #3 states: "To ensure healthy lives and promote well-being for all at all ages". This goal will present a particular challenge for our two nations given our ageing populations and the expected rapid increase in age-related diseases, of which chronic diseases affecting the brain are a particularly troublesome aspect with limited existing treatment options.

The gradual loss of autonomy and the increased dependence on close relative and external caregivers creates demanding situations in the life of afflicted individuals but also creates an enormous and steadily increasing economic burden on our societies. We foresee that joint research efforts in brain science and interdisciplinary innovative collaborations will be key to tackling many of these challenges.

With this workshop, we aim to create a common ground based on existing strong interdisciplinary expertise in our two countries, the fundamental question on how to help the ageing populations of our two nations to maintain a high quality of life.

Expected outcomes

In specific, we aim to build collaborative efforts around the following themes (others may be added):

- #1 – Strategies for successful implementation of WHO's guidelines for Integrated Care for Older People (ICOPE) under the concept of age-friendly cities
- #2 - Development of novel therapies aimed to treat brain disease
- #3 - Finding personalized preventive strategies to combat Alzheimer's and Parkinson's disease
- #4 - Exploring the potential of stem cells and regenerative medicine in modeling and treating neurodegeneration

Possible site-visits

TBD in joint discussions - but may include e.g. lab visits

Planned activities

- 1 – Create an overview of our respective areas of research – linked to the themes
Introducing: Research problems, Methodological approaches, Opportunities and challenges
- 2 – Discuss different perspectives and novel approaches to solve joint problems in different smaller constellations of interdisciplinary groups
- 3 – Reconvene in the larger group to identify particular promising new ideas from the group discussions
- 4 – Identify strategies to pursue new collaborative projects (applications for joint funding, synergies and complementary expertise,
 - new methodological approaches etc.)

Contact details

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