Annex 1

Project HEaD – Higher Education and Development
OPERATION 1

Position 1

Scientific Area of SISSA: Neuroscience

Smart specialisation strategy area (S3) of Friuli Venezia Giulia and its development trajectories: Smart Health: Innovative Therapy

Area: 05 - Biological sciences

Competition sector: 05/E2 Molecular Biology

Relevant academic scientific sector: BIO/11 Molecular Biology

Scientific responsible: Prof. Antonello Mallamaci

Duration of the fellowship: 24 months

Foreseen starting date of the activity: 01.05.2018

Gross annual fellowship: € 24.336

Requisites:

(A) Specific academic titles
(1) University degree in Bio-medical subjects (including Medicine, Neurosciences, Molecular Biology or similar subjects)
(2) PhD in biomedical subjects

(B) Professional requisites of candidates
(1) intellectual independence, originality and inventiveness
(2) logical and methodological sharpeness, with special emphasis on quantitative analysis of histogenetic phenomena
(3) ability to work as a Team Member, with particular attention to the dialectical formulation of experimental designs and critical analysis of results
(4) responsibility and respect towards colleagues

(C) Specific knowledge and experiences in research activities relevant to:
(1) study of the central neural histogenesis, in particular of its clonal and molecular articulation
(2) creation and/or usage of human iPSCs and their differentiation in specific neural types, with 2D and/or 3D protocols
(3) use of mice and/or rats as animal models in basic and/or applied research in neural development
(4) study of the gene expression

(D) at least 2 letters of reference (to be enclosed to the application)

Gross total cost of the research fellowship € 59.795: shall be funded by project HEaD – HIGHER EDUCATION AND DEVELOPMENT SISSA OPERATION 1 (FP1619889002), approved with decree of the autonomous region Friuli Venezia Giulia n. 2242 dated 11.04.2016 for the exclusive scope of the project funding the research fellowship.
Evaluation criteria:

- PhD: max 9 points
- University degree: max 5 points
- Published works and other research products: max 20 points
- Other postgraduate degrees: max 2 points
- Other titles (including the reference letters): max 14 points
- Research project: max 25 points
- Interview: max 25 points