



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA



Annex 1

Selection based on titles

Title of the research activity: "Development of clustering algorithm for patient stratification in oncology"

Fields of the research activity:

Development and application of data mining techniques, dimensional reduction, classification and clustering for applications in the field of statistical medicine

Scientific Area of SISSA: Physics

Company: Tester S.r.l.s.

Places where the research activity shall be carried out: in SISSA, via Bonomea 265, Trieste (TS) and in the spaces of Tester S.r.l.s. at the Unità di immunobiologia e biomarcatori tumorali of the Centro di Riferimento Oncologico in Aviano (C.R.O.), under the current agreement between the Polo Tecnologico di Pordenone (where Tester S.r.l.s. has its registered office) and the C.R.O.

Smart specialisation strategy areas (S3) of Friuli Venezia Giulia and their development trajectories: Smart Health: Medical informatics and Bioinformatics

Area: 02 – Physical sciences

Competition sector: 02/B2 – Theoretical Physics of matter

Relevant academic scientific sector: FIS/02 – Theoretical Physics, Mathematical Models and Methods

Scientific responsible: Prof. Alessandro Laio

Company tutor: Dr. Fabio Del Ben

Duration of the fellowship: 22 months

Foreseen starting date of the activity: 01.03.2018

Gross annual fellowship: € 26.548,36

Requisites:

University degree in Statistics, Mathematics, Physics, Medicine, Chemistry or similar subjects.

Experiences in research activities relevant to data analysis and/or development of mathematical models of complex systems and/or statistics.

Gross total cost of the research fellowship € 59.790: shall be funded by project HEaD – HIGHER EDUCATION AND DEVELOPMENT SISSA OPERATION 2 (FP1619889003), 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 (evaluated as an asset): max 10 points

University degree: max 5 points



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Published works and other research products: max 25 points

Other postgraduate degrees: max 0 points

Other titles: max 20 points