

PROJECT SUMMARY

REQUESTED GRANT: 1,497,383.40

CONTRACT DURATION: 36 months

REFERENCE: 510935-TEMPUS-1-2010-1-FR-TEMPUS-JPCR

TITLE: Implementing a Scientific International master for biotechnology and neuroscience in the South Mediterranean area.

DESCRIPTION: The main objective of the project is to create a new Master program specialized in Neuroscience and Biotechnology adapted to international standards. This two-year Master will rise, by on-site and distance teaching, well-trained scientists, covering all aspects of collaborative scientific projects in bioscience, from techniques to management.

Neuroscience is a field of growing importance in biomedical academic research and R&D, using a wide variety of techniques and concepts. Research also deals with ethical issues that are of importance for young scientists to be involved in societal evolution. The ultimate ambition of our project is to offer young scientists the competences and practical training necessary to be hired in academic labs or R&D department of the private sector, and therefore to contribute actively to innovation and economy of knowledge in the South Mediterranean area.

Beside this student-oriented objective, the present project will also develop the abilities of the southern partner institutions to develop poles of technical and scientific excellence that will become the reference for the South Mediterranean area. It will highly support current efforts to reach international standards in basic and applied research and will compensate for the limited financial resources by networking complementary scientific and technical expertise. The Lebanon partners are specialists in medicine and neuro-imaging, the Moroccan in cognitive and neurodegenerative diseases, and the Egyptian in cellular, molecular techniques and in e-learning. All seek to improve their international relations management and research cooperation. Implementing partnerships and cohabilitations between South and North, South and South is also an objective of ISIS.

As a result, the project will offer a unique joint Master curriculum across Morocco, Egypt and Lebanon, providing at once theoretical knowledge on modern biomedical concepts, technological background, and practical training.

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INVOLVED PARTNER COUNTRIES' INSTITUTIONS:

- Alexandria University, EG
- University of Senghor, EG
- University Cadi Ayyad, MA
- University Abdelmalek Essaâdi, MA
- University Saint-Joseph, LB
- University Saint Esprit of Kaslik, LB
- Landau Network at Centro di Cultura Scientifica "A. Volta", IT
- Universitat de Valencia Estudi General, ES
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- University of Nice - Sophia Antipolis, FR
- Association Neurex Alsace, FR
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