

Salute

PARTNER SEARCH HEALTH-EU-LCP-7

01 dicembre 2017

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Richiesta di un istituto di ricerca francese alla ricerca di partner da includere in un loro progetto da presentare nel programma COOPERATION tematica SALUTE.

Per maggiori informazioni sulla Ricerca Partner e per conoscere i contatti del proponente, potete consultare il seguente indirizzo web.

<http://www.apre.it/formaAssist/scheda.asp?id=1039>

----- PARTNER SEARCH HEALTH-EU-LCP-7 -----

<Reference n.: HEALTH-EU-LCP-7>

<Deadline: 30/09/2008>

<Programme: >

<Project Title: Synaptopathies (genesis, mechanism and therapy)>

<Financial Scheme: Progetti in collaborazione - Large>

<Description: Priorities' Main Research Areas:

An increasing list of neurological disorders is caused by altered synaptic functioning linked to mutations in synaptic proteins. A novel class of neurodevelopmental molecules is emerging based on the growing body of evidence showing that some molecules traditionally known in the immune system have distinct nonimmune functions in the brain, in particular in synaptogenesis and plasticity. These findings point to new directions for research in the field of synaptopathies. In human, mutations observed in some of such "immune" molecules are linked to defective immune functions as expected, but also in the alteration of some brain functions. For instance, mutations described in molecules of the CD3 signaling pathway are responsible for not only immune-related defects, but also for severe mental retardation or schizophrenic symptoms. Our team is devoted to the study of such molecules that we have recently shown to be localized at excitatory synaptic sites in rodent and human brain. These molecules belong to the family of membrane receptors and signaling adaptor proteins.

Project description:

Using biochemical, molecular and cellular approaches on rodent models together with imaging techniques, we aim to delineate some novel mechanisms involved in synapse formation and function and help to define new targets for neurological disorders therapies.

Keywords: synaptopathies, immune molecules, therapy

RESEARCH TOPICS Draft:

. HEALTH- 2009-2.2.1-1: Synaptopathies: genesis, mechanisms and therapy. FP7-HEALTH-2009-single-stage.

. HEALTH- 2009-2.4.5-2: Cellular and molecular mechanisms of development of chronic kidney disease (CKD). FP7-HEALTH-2009-single-stage.

<Organisation Type: Centro di Ricerca>

<Partner Sought: Role: research

Country /region: Europe

Start of partnership: start-up phase

Expertise required: Relevant to a call pertaining to synaptopathies (genesis, mechanism and therapy)

For further information about this Partner Search, including Contact Person's details, please consult this web address:

<http://www.apre.it/formaAssist/scheda.asp?id=1039>