



Teach Mob – Visiting Professors Academic year 2017/2018

| 2 nd Term |
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| COURSE TITLE Neuroscience |
| Scientific area Neuroscience |
| Department of Clinical and Biological Sciences |
| Language used to teach English |
| Teaching Commitment: 30 hours |
| Course summary The course will address several topics regarding traditional Chinese medicine and especially acupuncture. In recent years, traditional Chinese medicine has acquire more and more relevance also in Western countries. This therapeutic approach, that has been used in China since many centuries, has proven to be effective in treating a number of diseases. Yet, if adequately used it can be a valuable addition to our pharmaceutical approach. One of the most recent trends to explain the mechanism of action of traditional Chines treatments, and especially acupuncture, is relate to the new insight in neuroscience research which have disclosed the cellular and molecular mechanisms of disease and regeneration. The aim of this course is twofold: 1) Describe fundamentals of traditional Chinese medicine and especially acupuncture. 2) Explore the relation between these concepts and new insights in neuroscience. |
| Learning objectives <ul style="list-style-type: none">- Fundamentals of traditional Chinese medicine.- Basic principles of acupuncture- Clinical indication of acupuncture- Side effects of acupuncture- The scientific bases of neural reflexes- Pain and neuroscience- Relations between recent advance in cellular and molecular neuroscience with acupuncture. |
| Other activities besides the course: i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences Series of seminars directed to PhD students (Neuroscience PhD and Exp. Medicine and Therapy PhD), and to students of the Medical and Surgery degree course. Series of conference directed to the general public (third mission) |

Visiting Professor Profile

The successful professor must be an expert of traditional Chinese medicine with special focus on acupuncture.

The successful professor must demonstrate a high proficiency in English language. Priority will be given to those professors who have already give courses in English and/or can demonstrate to have carried our long-stay internships in international English-based institution.

Contact person at the Department

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