



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Evoluzione Storica delle Neuroscienze

1718-2-H4101D046

Aims

Investigate specific topics to understand the direction towards which the boundaries are moving neuroscience, both in theory and on the clinical.

Contents

To provide students with the cognitive tools to understand the historical process and the methodological aspects that have led to the current development of neurology and neurosurgery.

Detailed program

History of theories on the brain and its functions from antiquity to the nineteenth century - The theory of cerebral localization and its evolution -

Birth and development of neuroimaging techniques - Development of medical therapy in neurology - History of neurosurgery - The techniques of brain stimulation profound scientific and ethical issues - the neurosurgery of the Third Millennium - History of mind-brain: historical, neurological, psychological and philosophical aspects

Prerequisites

Medical students and students of the Courses in Nursing, Physiotherapy, Childhood Neuro and Psicomotricity, Medical Biotechnologies at 2nd year

and over at 1st year and over

Teaching form

Lectures

Textbook and teaching resource

V. A. Sironi (a cura di), La scoperta del cervello. Per una storia delle neuroscienze, B. A. Graphis, Bari 2009.

V. A. Sironi (a cura di), La casa dell'anima. La prospettiva delle nuove neuroscienze: oltre il problema mente-cervello?, B. A. Graphis, Bari 2009.

Semester

Assessment method

Interactive verification at the course conclusion

Office hours
