



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Neurochirurgia Oncologica

2627-5-H4101D311

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#### Aims

To learn the main brain tumors biology/genetics, their clinico-radiological features and their treatments strategies.

#### Contents

High and low grade Gliomas

Meningiomas and acoustic Schwannomas

Pituitary tumors and Craniopharyngiomas

Ependymomas

Rare Tumors

Metastasis

Biology and genetics of brain tumors

Surgical techniques for location and histotype

#### Detailed program

High and low grade Gliomas and adjuvant therapies (Chemo and Radio)

Meningiomas and acoustic Schwannomas

Pituitary tumors and Craniopharyngiomas

Ependymomas

Rare Tumors

Metastasis

Biology and genetics of brain tumors

Surgical techniques for location and histotype: microneurosurgery, skull base surgery, neuroendoscopy, awake surgery and intraoperative neurophysiology

### **Prerequisites**

Knowledge of neurology, Neuroanatomy and Neurophysiology

### **Teaching form**

Lectures

### **Textbook and teaching resource**

Slides and scientific papers

### **Semester**

second semester

### **Assessment method**

Attendance to the Course

### **Office hours**

to be agreed with the Teacher

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## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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