

# Marta Scalera

## CURRENT POSITION

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### **Research fellow**

Neuroscience Institute, CNR, Pisa  
05/2021 - onwards

## EDUCATION AND TRAINING

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### **Master Degree in Biologia applicata alla Biomedicina**

University of Pisa  
2017 – 2021

Final grade: 110/110

Thesis: “Characterization of glioma microenvironment: effects of glioma growth on murine visual cortex activity”

### **Bachelor’s Degree in Biology**

University of Calabria  
2012 – 2017

Final grade: 98/110

Thesis: “Genetics of cardiovascular diseases”

### **High school diploma**

Classic High School Pitagora (Crotone)  
2007 – 2012

Final grade: 100/100

## WORK EXPERIENCE

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### **Internship at CNR Neuroscience Institute**

02/2020 – 03/2021

Supervisor: Dr Eleonora Vannini

City: Pisa (Italy)

Technical skills acquired:

- surgical and electrophysiological techniques (EEG, LFP) •
- immunoistochemistry • animal handling • DNA extraction • PCR •

maintenance of glioma cell cultures (GL261) • fluorescence microscopy • general laboratory maintenance

### **Internship at the University Health Center**

University of Calabria

11/2016 – 02/2017

Supervisor: Prof. Alberto Montesanto

Technical skills acquired:

• clinical analyses • western blot

### **COMPUTER SKILLS**

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- Microsoft Office
- Visual Basic programming skills
- ImageJ
- Spider (Anaconda)
- Graphpad
- Zen 3.1

### **PUBLICATIONS**

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“The complex crosstalk among glioma, neurons and glial cells in the tumour microenvironment”, Parmigiani E., Tantillo E., Scalera M., Rolando C., Mori E., Vannini E. (In press)

### **CONFERENCES**

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BraYn Conference

(25-27/11/2020): “Rearrangements of peritumoral tissue that occur along with glioma progression”, Cangi D., Haddad S., Scalera M., Spalletti C., Vannini E., Caleo M.