



UNIVERSITÀ DI PAVIA

Corso di Dottorato in Genetica,  
Biologia Molecolare e Cellulare

# ***Techniques of Immunocytochemistry, Optical and Electron Microscopy***

## **February 2<sup>nd</sup>**

09:00–09:30. *Opening and Introduction to the Course.*

**Room B**, DBB - Golgi Spallanzani (Botta 2).

09:30–11:30. **Fabrizio De Luca**. *Light Microscopy.*

**Room B**, DBB - Golgi Spallanzani (Botta 2).

14:00–17:00. **Maria Grazia Bottone, Fabrizio De Luca, Ludovica Gaiaschi**. *Hands-on Light Microscopy.*

**Laboratory of Cell Biology and Neurobiology**, DBB - Golgi Spallanzani (Botta 2).

## **February 3<sup>rd</sup>**

09:00–10:00. **Claudio Casali**. *Introduction to STED and Super-Resolution Microscopy.*

**Room D**, DBB - Golgi Spallanzani (Botta 2).

11:00–12:00. **Christoph Cremer**. *Light Microscopy: From the Micrometer to the Angström Resolution Range.*

**Online in Room D**, DBB - Golgi Spallanzani (Botta 2).

14:00–15:00. **Claudio Casali**. *Flow Cytometry.*

**Room D**, DBB - Golgi Spallanzani (Botta 2).

## **February 4<sup>th</sup>**

09:30–12:30. **Amanda Oldani**. *Super-Resolution: STED Microscopy.*

**Centro Grandi Strumenti**, DBB - Golgi Spallanzani (Botta 2).

13:30–15:30. **Alberto Azzalin, Samantha Solito**. *FACS and ImageStream.*

**Centro Grandi Strumenti**, DBB - Golgi Spallanzani (Botta 2).

## **February 6<sup>th</sup>**

09:00–11:00. **Marco Biggiogera**. *Transmission Electron Microscopy.*

**Room D**, DBB - Golgi Spallanzani (Botta 2).

11:00–13:00. **Sara Bombardelli, Franco Martegani**. *A Low Voltage Transmission Electron Microscope.*

**Room D**, DBB - Golgi Spallanzani (Botta 2).

14:00–16:00. **Marco Biggiogera, Claudio Casali**. *Ultramicrotomy and TEM.*

**Centro Grandi Strumenti**, DBB - Golgi Spallanzani (Botta 2).