Dr. Francesca Prestori

1) **Short Curriculum Vitae**

EDUCATION AND QUALIFICATION

2000: Bachelor in Biological Sciences awarded from the University of Pavia Title of the Thesis: “Presynaptic current changes and nitric oxide release at the mossy fiber-granule cell synapse of cerebellum during LTP”.
2001: Training in electrophysiological recording method allowing the measurement of the electrical activity and synaptic plasticity of granule cells of rat/mouse cerebellar slices.
2002-2004: PhD in Physiological Sciences awarded from the University of Pavia
Title of the Thesis: “Calcium dynamics at the cerebellar mossy fiber-granule cell synapse”.
2005: Postdoctoral Fellow at the Department of Physiology of Geneva headed by Prof. Daniel Bertrand.
2006-2010: Postdoctoral Fellow at the Department of Physiology of Pavia headed by Prof. Egidio D’Angelo.
2011-Today: Researcher of Physiology at the Department of Brain and behavioral Sciences, University of Pavia, Italy.

TEACHING

2005: Appointed as Teaching Assistant for courses related to the scientific sector BIO/09 Physiology of "Animal Biology" for the undergraduate degree in Biological Sciences.
2005: Seminars teaching of “Neurophysiology of integrated systems" for the undergraduate degree in Biological Sciences with a total of 20 hours.
2006: Seminars teaching of “Physiology” for the Degree Course in Pharmacy for a total of 10 hours.
2007: Lessons for a total of 30 hours held in the teaching of “Physiology” for Degree Course in Pharmacy.
2008: Seminars teaching of “Physiology” for the Degree Course in Pharmacy for a total of 10 hours.
2009: Lessons for a total of 10 hours in the teaching of “Animal Biology” for the Degree Course in Pharmacy.
2011-Today: “Cytology and Human Anatomy”, Faculty of Pharmacy, University of Pavia, Pavia, Italy.

ACHIEVEMENTS

• review Editor for Frontiers in Cellular Neuroscience.
• Invited Speaker at several national and international meetings and regularly invited to give presentations in both national and international universities.

EXPERTISE

Blind and visual patch clamp in voltage clamp e current clamp
Ca^{2+} imaging
Focal extracellular recordings
MEA (Multi Electrode Arrays)
Nitric oxide measurements with an electrochemical probe