

## Curriculum vitae

### Dario Olivieri, Ph. D.

PLACE AND DATE OF BIRTH: Roma (RM) - Italy, July, 27<sup>th</sup> 1985  
E-MAIL: dario.olivieri@gmail.com  
CITIZENSHIP: Italian  
MOTHER TONGUE: Italian  
OTHER LANGUAGES: English (fluent), French (basic), Slovenian (basic)



### EDUCATION

NOVEMBER 2010 – JUNE 2015

#### **PhD in Neuroscience**

Scuola Superiore di Studi Avanzati – SISSA/ISAS Trieste

Supervisors: Prof. Andrea Nistri

THESIS: New Spinal Cord Models: Characterization of excitotoxicity and neuroprotection

OCTOBER 2015

7 DAYS **MASTERCLASS** “DEVELOPING SUCCESSFUL EXHIBITIONS”

JANUARY 2015 – SEPTEMBER 2015

**MASTER IN COMPLEX ACTION (EXECUTIVE BUSINESS) @ SISSA TRIESTE**

FEBRUARY 2008 – JUNE 2010

**M. Sc. in Neurobiology**, University of Pisa, Italy

Final grade: 109/110

Supervisor: Sale Alessandro, PhD

Thesis: Stimolazione ambientale e recupero delle funzioni visive in un modello animale di ambliopia.

OCTOBER 2004 - FEBRUARY 2008

**B. Sc. in Scienze Ecologiche e delle Biodiversità** (Neurobiologico/Comportamentale *curriculum*), University of Pisa, Italy.

Final grade: 106/110

Supervisor: Garcia-Gil, Maria De Las Merce, PhD

Thesis: Effetti della 1,25 di-idrossivitamina D3 sulle cellule nervose

2004 Scientific A levels, Liceo Scientifico Leonardo, Brescia (BS), Italy. Final grade: 90/100

### RESEARCH EXPERIENCES

NOVEMBER 2010 – JUNE 2015

Ph.D. student at Neuroscience department, SISSA/ISAS, Trieste, Italy.

Supervisors: Prof. Andrea Nistri

MAY 2009 – JUNE 2010

Internship during Master degree for thesis preparation at *Istituto di Neuroscienze CNR* Pisa, Italy

Tutor: Alessandro Sale, PhD

MARCH 2007 – FEBRUARY 2008

Internship for the B.S. thesis at *Dipartimento di Biologia – Unità di Fisiologia Università di Pisa* Pisa, Italy.

Supervisors: Garcia-Gil Maria De Las Merce, PhD

## **OTHER EXPERIENCES**

SCIENCE COMMUNICATION FOR SISSA PER LA SCUOLA – SISSA PER LA SCUOLA OUTREACH PROGRAM 2013-2014

SCIENCE DIALOGUES – TRAINING COURSE IN SCIENCE COMMUNICATION

## **TECHNICAL SKILLS**

### COMPUTER SCIENCE:

WINDOWS, LINUX, MICROSOFT OFFICE (WORD, EXCEL, POWERPOINT), PCLAMP SOFTWARE, IMAGEJ, VELOCITY.

### ELECTROPHYSIOLOGY:

Electrophysiological recordings, Local field potential from P0-P5 spinal cord roots, Evoked Visual Potential

### BIOCHEMISTRY AND MOLECULAR BIOLOGY:

Immunofluorescence, confocal microscopy and image analysis;  
Western Blot;

### CELL BIOLOGY:

Rat organotypic spinal cord cultures preparation and treatment, neuron dissociated primary cultures.  
Cell lines cultures

### ANIMAL LAB:

Rat handling, spinal cord dissection in pups, intraperitoneal anesthesia, perfusion, surgery, behavioral tests, Prusky's water maze, Morris Water Maze, ORT, Elevated Plus Maze, Spinal cord organotypic slices from rat embryos. Animal Handling course from C.I.R.S.A.L. Università di Verona.

## **SCIENTIFIC ARTICLES**

G Taccola, **D Olivieri**, G D'Angelo, P Blackburn, L Secchia, K Ballany

A<sub>1</sub> adenosine receptor modulation of chemically and electrically evoked lumbar locomotor network activity in isolated newborn rat spinal cords  
Neuroscience 222(2012),191–204.

A Sale, R De Pasquale, J Bonaccorsi, G Pietra, **D Olivieri**, N Berardi, L Maffei

Visual perceptual learning induces long-term potentiation in the visual cortex  
Neuroscience 172(2011), 219-225.

Activation of group III metabotropic glutamate receptors exerts neuroprotective effect against excitotoxic damage in organotypic spinal cultures. Abstract submitted for the 9<sup>th</sup> FENS Forum 2014 Milan, July 5-9 2014. **D Olivieri**, G.L. Mazzone, A. Nistri

## **CONFERENCES AND WORKSHOPS**

EPFL SV - Life Science Symposium Lausanne, August 28-30 2013

Motor Control - from neural circuits and disease to neuroprosthetics

Workshop on Recent advances in the pathophysiology and neurorehabilitation of spinal lesions -  
Recenti sviluppi nella fisiopatologia e neuroriabilitazione delle lesioni spinali Trieste, April 13 2013.

Essential metals in brain development and neurodegeneration, Trieste, May 21-22 2012

8th International Symposium on Experimental Spinal Cord Repair and Regeneration  
International Symposium, Brescia May 9-14 2011

## **REFERENCES**

For Laboratory experience:

Prof. Andrea Nistri [andrea.nistri@sissa.it](mailto:andrea.nistri@sissa.it)

Alessandro Sale, PhD [sale@in.cnr.it](mailto:sale@in.cnr.it)

Prof. Enrico Cherubini [cher@sissa.it](mailto:cher@sissa.it)

Taccola Giuliano, PhD [giuliano.taccola@sissa.it](mailto:giuliano.taccola@sissa.it)

For Science Communication experience:

Paola Rodari, Sissa Medialab [paola@medialab.sissa.it](mailto:paola@medialab.sissa.it)

Simona Cerrato, Sissa Medialab [simona@medialab.sissa.it](mailto:simona@medialab.sissa.it)

Olga Puccioni, Ph.D. Sissa Medialab [olga.puccioni@gmail.com](mailto:olga.puccioni@gmail.com)

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196  
“Codice in materia di protezione dei dati personali”