| Consiglio Nazionale delle Ricerche | | *Istituto di Farmacologia Traslazionale*<br>*Institute of Translational Pharmacology*<br>**IFT** |
|---|---|---|
| Via Fosso del Cavaliere, 100 - 00133 Roma, Italy Tel: +39 06- 45488486 fax: +39 06-45488257 | | |

**DICHIARAZIONI SOSTITUTIVE DI CERTIFICAZIONI**
**(art. 46 D.P.R. n. 445/2000)**

**DICHIARAZIONI SOSTITUTIVE DELL'ATTO DI NOTORIETÀ**
**(art. 47 D.P.R. n. 445/2000)**

**La sottoscritta**

**COGNOME Scopa**

**NOME Chiara**

**NATO A: Roma** **PROV. RM**

**IL05/01/1989**

**ATTUALMENTE RESIDENTE A: Roma** **PROV. RM**

**INDIRIZZO** **C.A.P.00134**

**TELEFONO**

**Visto il D.P.R. 28 dicembre 2000, n. 445 concernente "T.U. delle disposizioni legislative e regolamentari in materia di documentazione amministrativa" e successive modifiche ed integrazioni;**

**Vista la Legge 12 novembre 2011, n. 183 ed in particolare l'art. 15 concernente le nuove disposizioni in materia di certificati e dichiarazioni sostitutive *(*)*;**

**Consapevole che, ai sensi dell'art.76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono punite ai sensi del Codice penale e delle leggi speciali vigenti in materia, dichiara sotto la propria responsabilità:**

***che quanto dichiarato nel seguente curriculum vitae et studiorum comprensivo delle informazioni sulla produzione scientifica corrisponde a verità***

# Curriculum vitae et studiorum

**Dr.ssa Scopa Chiara**

**Date and place of birth:** **05/01/1989 Rome, Italy**

**Citizenship:** **Italian**

**Personal Address:**

**Professional Address:**

EBRI-European Brain Research Institute
Via del Fosso di Fiorano 64, 000143 Roma

Tel.: +39 06 50 170 3119
Fax.: +39 06 50 170 3115

Email: c.scopa@ebri.it

**Knowledge of foreing languages:**

English

**Education:**

July 2008:

High School diploma with maximum score of 100/100

December 14, 2014:

Graduated in Biology (Laurea Triennale) with maximum score of 110/110 cum laude at The University "Roma Tre" of Rome.

May 27, 2014:

Graduated in Biology (Laurea Magistrale) with maximum score of 110/110 cum laude at the University "Roma Tre" of Rome, defending the thesis: " Alteration of adult neurogenesis in a mouse model for Alzheimer's disease". Thesis supervisor: Dr. R. Scardigli.

November 1, 2014-up to now:

PhD student at the University "Roma Tre" of Rome.

**Professional and research experience:**

October 2012-January 2013:

Biology student in the Laboratory of Microbiology and Cellular Pathology the University "Roma Tre" of Rome. Topic of research: Establishment and maintenance in culture if the monocitic cell line THP-1.

April 2013-May 2014:

Biology student in the Laboratory of Neurotrophic Factors and Neurodegenerative Diseases of Prof. A. Cattaneo at EBRI. Topics of research: Modulation of adult neurogenesis during neurodegeneration. Thesis supervisor: Dr. R. Scardigli.

November2014- up to now:

PhD student at the University "Roma Tre" of Rome. Topics of research: Adult neurogenesis in animal models of Alzheimer's disease.

**Technical experience:**

I have a good working knowledge of following techniques:
Techniques of gene expression analyses: Western blot, Immunoprecipitation, Immunohistochemestry, Production of lentivirus particles.
Recombinant DNA techniques: manipulation of nucleic acids, DNA cloning, PCR, RT-PCR.
Mouse tissue analyses: micro-dissection of brain areas; tissue preparation for cryostat and microtome sections; tissue immunohistochemestry.
Cell culture techniques: derivation and *in vitro* establishment of neural stem cells from adult mice brain and embryonic spinal cord; maintenance in culture of different cell lines, short and long term transfection, viral infection; in vitro propagation of hiPSCs and their differentiation into neuronal and glial lineage.

**Courses:**

January and February 2015:

"Fluorescence and confocal microscopy practical and theoretical course" at EBRI Foundation, in Rome, Italy.

June 6-13, 2015:

"Neural Stem Cells Development and Brain Repair" at the Neuroscience School of Advanced Studies, in Florence, Italy.

October 23-28, 2015

"Somatic Cell Reprogramming Course " at the CRG, in Barcelona, Spain.

| | |
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| October 12-14, 2016 | "Scuola di microscopia super resolution" at Istituto Ortopedico Rizzoli di Bologna, in Bologna, Italy. |

**Partecipation to Conferences:**

| | |
|---|---|
| April 22, 2014: | ***Brainforum 2013***-Rita Levi –Montalcini "Un novel per il futuro". |
| May 29, 2014: | ***Cellule staminali, differenziamento e riprogrammazione cellulare***- Ordine nazionale dei biologi. |
| November 13, 2014: | Bioeconomy Rome 2014 –International conference, Rome, Italy. |
| March 18-22, 2015: | G. Meli, A. Manca, N. Krako, C. Scopa, R.Scardigli, M. Morbin, P. Sarti and A. Cattaneo<br><br>"Intrabody-based conformational-selective interference with A-beta oligomers in living cells to discover new subcellular<br><br>mechanisms of Alzheimer's disease". ***AD/PD 2015***, Nizza, France. |
| May 6-8, 2015: | C.Scopa, F. La regina, F.Ruggeri, S. Middei, G. Meli, A.Cattaneo and R. Scardigli<br><br>"A-beta oligomers alter adult neurogenesis and astrocytes morphology in a mouse model for Alzheimer's disease". ***Adult Neurogenesis: Evolution, Regulation and Function***, Dresda, Germany. |
| May 6-8, 2015: | V. Mastrorilli, C.Scopa, D. Sarulli, M. Costanzi, V. Cestari, R. Scardigli, F. Tirone and S. Farioli-Vecchioli<br><br>"Impaired spatio-temporal coordination of cell cycle exit and migration in the adult subventricular zone is restored by physical exercise". ***Adult Neurogenesis: Evolution, Regulation and Function***, Dresda, Germany. |
| October 17-21, 2015 | G. Meli, A. Manca, V. La Marca, F. Ruggeri, C. Scopa, R. Scardigli, A. Cattaneo<br><br>"Targeting subcellular pools of Amyloid-β oligomers in living cells through intrabodies: a new concept of conformational-selective interference to study the Alzheimer's disease pathogenesis". SfN15, Chicago, USA. |
| December 2-5, 2015 | G. Meli, A. Manca, V. La Marca, F. Ruggeri , C. Scopa, R. Scardigli, A. Cattaneo. "Formation and activity of subcellular pools of Alzheimer's Aβ oligomers in living cells". 2nd Zing Neurodegeneration Conference, Cancun, Mexico. |

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|---|---|
| March 9-12, 2016 | G. Meli, A. Manca, V. La Marca, F. Ruggeri , C. Scopa, R. Scardigli, A. Cattaneo<br><br>"Intrabodies targeting Amyloidβ oligomers in the Endoplasmic Reticulum: preclinical evidences for new twist in immunotherapy". AAT, 14th international Athens/Springfield Symposium on Advances in Alzheimer Therapy, Athens, Greece. |
| July 24-28, 2016 | G. Meli, V. La Marca, C. Scopa, A. Manca, F. Ruggeri , R. Scardigli, A. Cattaneo<br><br>"Subcellular targeting of endogenous amyloid-beta oligomers in human primary cells". Alzheimer's Association International Conference (AAIC), Toronto, Canada. |
| October 18-21, 2016 | C. Scopa, F. Ruggeri, S. Middei, F. Marrocco, F. La Regina, G. Meli, A. Cattaneo and R. Scardigli "Intracellular interference with A-beta oligomers rescues adult neurogenesis in a mouse model for Alzheimer's disease". Changing the Face of Modern Medicine: Stem Cells & Gene Therapy, Florence, Italy. |
| November 12-18, 2016 | G. Meli, V. La Marca, C. Scopa, A. Manca, F. Ruggeri, R. Scardigli, A. Cattaneo "Subcellular conformational-selective interference with endogenous Aβ Oligomers in primary fibroblasts and induced pluripotent stem cells from human Alzheimer's Disease patients ". Neuroscience 2016, San Diego, USA. |
| April 27, 2017 | C. Scopa, A. Fracassi, R. Scardigli, S. Moreno "The role of peroxisomes during adult neurogenesis in a mouse model of Alzheimer's disease". GEI 2017, Rome, Italy. |
| March 14-18, 2018 | R. Scardigli, C. Scopa, F. Marrocco, V. Latina, F. Ruggeri, F. La Regina, S. Middei, ,G Amadoro, G. Meli and A. Cattaneo "Intracellular interference with A-beta oligomers rescues adult neurogenesis in a mouse model for Alzheimer's disease". ADPD 2018, Torin, Italy |

**List of publication:**

V. Mastrorilli, C. Scopa, D. Saraulli, M. Costanzi, R. Scardigli, J. Rouault, S. Farioli-Vecchioli, F. Tirone. "Physical exercise rescues defective neural stem cells and neurogenesis in the adult subventricular zone of Btg1 knockout mice". Brain Struct Funct, 2017.

M. Medelina, D. Porrelli , E. R. Auranda , D. Scainia, A. Travana, M. A. Borgogna, M. Coka , I. Donati, E. Marsich , C. Scopa, R. Scardigli, S. Paolettia & L. Ballerini. "Exploiting natural polysaccharides to enhance in vitro bio-constructs of primary neurons and progenitor cells". Accepted to Acta Biomaterialia.

C. Scopa, F. Marrocco, V. Latina, F. Ruggeri, F. La Regina, S. Middei, G. Amadoro, G. Meli, R. Scardigli and A. Cattaneo. "Intracellular interference with A-beta oligomers rescues adult neurogenesis in a mouse model for Alzheimer's disease". Manuscript in preparation.

**Referees:**
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**Dr.ssa Raffaella Scardigli, r.scardigli@ebri.it**

**Roma, il 27/03/2018** **Firma**

**(*) ai sensi dell'art. 15, comma 1 della Legge 12/11/2011, n. 183 le certificazioni rilasciate dalla P.A. in ordine a stati, qualità personali e fatti sono valide e utilizzabili solo nei rapporti traprivati; nei rapporti con gli Organi della Pubblica Amministrazione e i gestori di pubblici servizi,i certificati sono sempre sostituiti dalle dichiarazioni sostitutive di certificazione o dall'atto di notorietà di cui agli artt. 46 e 47 del DPR 445/2000.**

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