

## CARMEN, FALCONE

### Personal information

Phone number	
Email	
Current Affiliation	University of California, Davis
Host Institution for ECF proposal	International School for Advanced Studies (SISSA)

### Research interests

(please up to max 3 keywords to describe your main research interests)

- Evolution
- Development
- Astrocytes

### Education

Date	Degree and University
Nov 2012 – Jan 2017	PhD in Functional and Structural Genomics Institution: International School of Advanced Studies (SISSA) Grade: passed cum laude Thesis title: “ <i>Foxg1</i> and <i>Emx2</i> control of cortico-cerebral astrogenesis and <i>Emx2</i> as a novel tool to suppress glioblastoma multiforme” Name of advisor: Antonello Mallamaci
Oct 2010 – Oct 2012	Master’s Degree in “Neuroscience” Institution: University of Trieste Grade: 110/110 cum laude Thesis title: “ <i>Emx2</i> inhibits cortico-cerebral astroglioneogenesis by downregulating EGF receptor mRNA” Name of advisor: Antonello Mallamaci
Oct 2007 – July 2010	Bachelor’s Degree in “General and applied Biology”, curriculum “Cellular and molecular biology” Institution: University of Naples Federico II Grade: 110/110 cum laude Thesis title: “Level of di-methylation in H3K4 and H3K9 of repetitive sequences LINE1 and LINE3 in rats treated for the Cortical Spreading Depression” Name of advisor: Laura Fucci

### Research Experience

Date	Project Information
Jan 2018- present	Postdoctoral researcher at University of California - Davis Research field: Developmental and Evolutionary Neuroscience Name of advisor: Verónica Martínez-Cerdeño
Jan 2017 – Dec 2017	Postdoctoral fellow at SISSA Research field: Developmental Neuroscience Name of advisor: Antonello Mallamaci

## Scholarships, Funding Acquisition, and other Awards

- 2019 - Best Poster award at UC Davis Postdoctoral Research Symposium
- 2018 - Winner of UC Davis Health Science Communication Fellowship
- 2016-2017 - Winner of SISSA Postdoctoral Research Fellowship at SISSA, Trieste, Italy
- 2016 – Winner of fellowship for “JCom masterclass: Facilitating the debate on the scientific and technological progress”, Trieste, Italy
- 2016 - Travel award for “ISDN 2016 May 11-14, Antibes Juan les Pins, France”
- 2016-2017 - Co-operation Scholarship in Functional and Structural Genomics at SISSA, Trieste, Italy
- 2015-2016 - Co-operation Scholarship in Functional and Structural Genomics at SISSA, Trieste, Italy
- 2014 - Travel award for “ISDN 2014 Jul 19-24, 2014, Montréal, Canada”
- 2014 - Co-operation Scholarship in Functional and Structural Genomics at SISSA, Trieste, Italy
- 2012 - Winner of SISSA Undergraduate Fellowship at SISSA, Trieste, Italy

## Invited Contributions to Scientific Meetings

- 2020 - talk at 3<sup>rd</sup> Symposium on Physiology and Pathology of Neuroglia, virtual
- 2020 - talk at J.B. Johnston Club for Evolutionary Neuroscience meeting, Oct 23, virtual
- 2020 - talk at IPRM Seminar Series, Sep 4
- 2020 - poster at CSHL Glia in Health and Disease, July 16-19
- 2019 - invited talk at Neural Repair & Glial Biology Seminar, Dec 13, UCLA, Los Angeles, USA
- 2019 - talk at Society for Neuroscience 2019, Oct 19-23, Chicago, USA
- 2019 - talk at J.B. Johnston Club for Evolutionary Neuroscience meeting, Oct 18, Chicago, USA
- 2019 - talk at IPRM Annual Research Symposium, Sep 27, Sacramento, USA
- 2019 - poster at XIII European Meeting on Glial Cells in Health and Disease, Jul 10-13, Porto, Portugal
- 2019 - poster at Pathology Retreat, May 7, Sacramento, USA
- 2019 - poster at UC Davis Postdoctoral Research Symposium, Apr 15, Davis, USA
- 2018 - talk at Society for Neuroscience 2018, Nov 3-7, San Diego, USA
- 2018 - poster at IPRM Annual Research Symposium, Oct 10, Davis, USA
- 2018 - poster at Cortical Evolution 2018, Jun 3-6, Gran Canaria, Spain
- 2018 - UC Davis Postdoc Symposium, Apr 23, Davis, USA; poster
- 2017 - poster at XIII European Meeting on Glial Cells in Health and Disease, Jul 8-11, Edinburgh, UK
- 2016 - poster at “ISDN May 11-14”, Antibes Juan les Pins, France
- 2015 - talk at The XVI Congress for the Italian Society for Neuroscience (SINS), Oct 8-11, Cagliari, Italy
- 2015 - poster at The Italian Association of Cell Biology and Differentiation, Sep 17-19, Bologna, Italy
- 2015 - poster at XII European Meeting on Glial Cells in Health and Disease, Jul 15-18, Bilbao, Spain
- 2015 - poster at Cortical Evolution 2015, May 18-21, Toledo, Spain
- 2014 - poster at “ISDN Jul 19-24”, Montréal, Canada

## Other Information

- 2020 - present - Founder and organizer of BioRoom, a biology virtual seminar series
- 2020 - present - Advocate for International scholars and immigrants in the US (volunteering at the UAW5810 union; founder of the US International Scholar slack group; writer for UC Davis – SOMA)
- 2019 – present - Founder and organizer of “IPRM Postdoc Seminar Series” at UC Davis
- 2019 – present - Visiting lecturer for the course “Vertebrate Brain Evolution”, University of Trieste
- 2014-2016 – Teaching assistant for the course “Neuroembryology”, University of Trieste
- 2014 – present - Mentor to 14 undergraduate students and 2 PhD students
- 2018 – present – Leader for scientific outreach activities for schools at the Ventricular Foundation