

C U R R I C U L U M V I T A E

LORIS MANNINO

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|  | <p>PERSONAL DETAILS</p> <p>Address: VIA CANTARANE 59, 37129, VERONA (ITALY)</p> <p>Telephone: 3454469245</p> <p>E-mail: lorismannino@yahoo.it</p> <p>Skype: loris mannino</p> |
| <p>CURRENT POSITION</p> | <p>01/10/2020-Present</p> <p>PhD student at Health Science School in Neuroscience, Psychology and Psychiatry (Department of Diagnostics and Public Health – Section of Pharmacology), University of Verona, Verona (Italy).</p> |
| <p>EDUCATION</p> | <p>01/03/2020-30/09/2020</p> <p>FELLOWSHIP – University of Verona (Department of Diagnostics and Community medicine), Verona (Italy).</p> <ul style="list-style-type: none">▪ Development of new therapies for spinal cord injury:<ul style="list-style-type: none">-Tumor Associated Macrophages (TAM) transplantation,-pharmacological treatment consisting in BCaa administration.▪ In vivo cell migration studies based on lentiviral-GFP transfection. <p>01/03/2019–01/03/2020</p> <p>INTERNSHIP - University of Verona (Department of Diagnostics and Community medicine), Verona (Italy).</p> <ul style="list-style-type: none">▪ Basic and translational pharmacological research on neurobiological mechanisms that underlie the functional damage resulting from traumatic spinal cord injury and neurodegenerative diseases.▪ Involvement in the European project HERMES (Hybrid enhanced regenerative medicine systems): development of brain organoids starting from mouse neural stem cells in order to obtain hippocampal-like tissues used to study neurogenesis. <p>17/10/2018</p> <p>Medical Biotechnologies and Molecular Medicine Master</p> |

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| | <p>Degree - University of Bari "Aldo Moro", Bari (Italy).</p> <p>I graduated at the University of Bari (110/110) after passing the exams provided by the degree course and after completing the curricular training at the IIT of Genova.</p> <p>15/03/2018–15/09/2018</p> <p>TRAINING - Italian Institute of Technologies (IIT) (Neuroscience and Brain Technologies Department), Genova (Italy).</p> <ul style="list-style-type: none"> ▪ Study of synaptic transmission in transgenic mouse models with a genetic mutation reported in autistic patients (NL3-R451C). <p>01/09/2017–01/11/2017</p> <p>TRAINING - University of Bari "Aldo Moro" (Department of Veterinary Medicine, infectious diseases section), Bari (Italy).</p> <ul style="list-style-type: none"> ▪ Research of viruses from food matrices by biomolecular analyses. <p>14/12/2016</p> <p>Medical and Pharmaceutical Biotechnologies Bachelor Degree - University of Bari "Aldo Moro", Bari (Italy).</p> <p>I graduated at the University of Bari (92/110) after passing the exams provided by the degree course and after completing the curricular training at the Department of Veterinary Medicine of Valenzano (BA).</p> <p>01/09/2016–30/09/2016</p> <p>TRAINING - University of Bari "Aldo Moro" (Department of Veterinary Medicine, infectious diseases section), Bari (Italy).</p> <ul style="list-style-type: none"> ▪ Research of food-borne viruses (Hepatiti A and Norovirus) by biomolecular analysis. The analyses were conducted using techniques such as: <ul style="list-style-type: none"> -RT-PCR -NESTED-PCR <p>and then developed by gel electrophoresis.</p> <p>2013</p> <p>Scientific certificate of maturity experimental (Programma Brocca - art.278 D.L. vo 16/04/1994) - Biological Scientific High School "Principessa Maria Pia", Taranto (Italy).</p> <p>Biological Scientific High School Diploma (97/100).</p> |
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| <p>JOB-RELATED SKILLS</p> | <ul style="list-style-type: none"> ▪ Excellent animal handling and animal care skills (both pups and adult mice and rats); ▪ Lentiviral vectors production and Transfection techniques; ▪ Spinal cord injury, cells transplantation and perfusion techniques; ▪ Electromyography and data analysis; ▪ Immunohistochemistry of cell culture and tissue slices; ▪ Imaging acquisition by epifluorescence and confocal microscope; ▪ Brain extraction, tissue cutting, dissection and cell culture preparation (neurons and astrocytes); ▪ Data analysis by using "Signal", "Spike", "ImageJ", "MetaMorph", "SigmaPlot" and "GraphPad"; ▪ RT-PCR and NESTED-PCR; ▪ DNA and RNA extraction. |
| <p>SCIENTIFIC AFFILIATIONS</p> | <p>University of Verona, Verona (Italy).</p> |
| <p>AREAS OF RESEARCH</p> | <p>Neuroscience - stem cells – spinal cord – cell transplantation</p> |
| <p>INTERNATIONAL EXPERIENCES AND COLLABORATIONS</p> | |

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| PUBLICATIONS | | | |
| SCIENTIFIC CONFERENCES (Please specify if presenter or co-author) | <ul style="list-style-type: none"> • Posters presentation: <ul style="list-style-type: none"> ▪ Bartoletti S., Santa Dos Santos F., Dolci S., Mannino L., Decimo I., Curia G. "Local lesion in ventral CA3 induced by ibotenic acid" Poster. Virtual FENS2020 forum. (2020). – Coautor. ▪ Ciarpella F., Zamfir R., Campanelli A., Sissi D., DiChio M., Patuzzo C., Ren E., Bardoni R., Pedrotti G., Mannino L., Fumagalli G., Ahtiainen A., Malerba G., Hyttinen J., Panuccio G., Palazzolo G., Curia G., Decimo I. "Development of mouse hippocampal organoids". Poster. Virtual FENS2020 forum. (2020). – Coautor. ▪ Ciarpella F., Zamfir R., Campanelli A., Gostynska N.E., DiChio M., Pedrotti G., Dolci S., Mannino L., Romagnoli F., Fumagalli G., Curia G., Panuccio G., Palazzolo G., Decimo I. "Recapitulating hippocampal structure: a 3D brain organoid model". Poster. European Organoids Symposium. Milano, IT (2019). – Coautor. ▪ Petrini E., Stancheva S.H., Colaci F., Mannino L., Barberis A. "Altered inhibitory synaptic plasticity in the Neuroligin3-R451C mouse model of autism". Poster. Society For Neuroscience, San Diego, CA (2018). – Coautor. | | |
| AWARDS | | | |
| LANGUAGES (Common European Framework Of Reference For Languages) | Italian | English | |
| Reading | Mother tongue | B1 | |
| Writing | Mother tongue | B1 | |
| Speaking | Mother tongue | B1 | |
| COMPUTER | Excellent use of Office (word, excell, power point) and Photoshop. Excellent use of analysis software like MetaMorph, ImageJ and NIS-Elements | | |
| Programming Language | Basic user | | |

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| Software | Independent user |
| Lab Instruments experience | Independent user |
| Other Titles | <p>Certifications:</p> <ul style="list-style-type: none"> ▪ ECDL Certificate ▪ Trinity Entry Level Certificate in ESOL International <p>Courses:</p> <ul style="list-style-type: none"> ▪ Facility's use and access training: Primary Cell Culture Room NBT Dept., Italian Institute of Technologies. ▪ Specific compulsory training of workers. Task: CHEM CHEBIOPHYS |
| Hobbies and Interests | <p>In my past experience, I had the opportunity to improve my team skills and working abilities so I'd like a lot to have the possibility to continue my career in a research lab in which I will create very strong connections and working relationships with all the colleague. I like to know different people with different job background that can allow me to collect all the possible informations I need.</p> <p>I was a boy scout for 12 years so I like to spend my time helping people because I think that at the same time they can help you. I like nature and spending time outside door.</p> <p>I like to travel and have new experience every time I can and I think that this PhD position can give me all the stimuli I need.</p> |