

## **CONTACT DETAILS**

**Name:** Marco

**Surname:** Ghibaudi

**Place and date of birth:** Torino (TO, Italia), 29/05/1992

**Citizenship:** Italian

**E-mail:** [marco.ghibaudi@unito.it](mailto:marco.ghibaudi@unito.it) ; [marco.ghibaudi@edu.unito.it](mailto:marco.ghibaudi@edu.unito.it) ; [ghibaudim@gmail.com](mailto:ghibaudim@gmail.com)

**Lab address:** Adult Neurogenesis Lab – Neuroscience Institute Cavalieri Ottolenghi (NICO).  
Regione Gonzole 10, Orbassano (Turin, Italy)

**Web:** <http://www.nico.ottolenghi.unito.it/eng/Research/Research-Groups/Adult-neurogenesis/Researchers/Marco-Ghibaudi>

## **EDUCATION**

**2019 - present days** Phd Student in Veterinary Sciences for Animal Health and Food Safety  
– Doctoral School in Life and Health Sciences, University of Turin

**04/10/2019** **LM-6 Master degree in Cellular and Molecular Biology at University of Turin. (110/110)**  
*Final dissertation:* Cortical immature neurons, brainsize and lifespan: analysis in rodents and humans.

**10/14//2015** **L-13 Bachelor degree in Biological Sciences at University of Turin.**  
*Final dissertation:* Role of endocannabinoids in neuronal morphology and growth

## **APPOINTMENTS**

**2019 - present days** PhD Fellow in Veterinary Sciences for Animal Health and Food Safety  
– Doctoral School in Life and Health Sciences, University of Turin  
*Phd Project:* Characterization and modulation of non-newly generated “immature neurons” in wild and domestic mammals  
Neuroscience Institute Cavalieri Ottolenghi (NICO), Orbassano (Italy).  
Prof Bonfanti Luca and Peretto Paolo’s lab of Adult Neurogenesis

## **PROFESSIONAL TRAINING**

**March 2022 – September 2022** Period abroad for the PhD project (*Characterization and phylogenetic variation of “immature” neurons in subcortical regions of mammals*) in Chet Sherwood’s lab of Evolutionary Neuroscience (George Washington University, Washington DC, USA)

**October 2017 – April 2019** Internship in Bonfanti Luca and Peretto Paolo’s lab of adult neurogenesis at Neuroscience Institute Cavalieri Ottolenghi (Orbassano (TO), Italy)

- March 2015 – June 2015** Internship in Patrizia Bovolín's lab of endocrinology at Department of Life Sciences and System Biology (Turin, Italy).
- July 2012 – October 2012** Internship at chemical and microbiological lab of Water Services Corporation (Luqa, Malta)
- June 2011 – July 2011** Internship at food and water analysis lab of LAV s.r.l. (Moncalieri (TO), Italy).
- June 2010 – July 2010** Internship at the Blood Bank Department – A.O.U. San Giovanni Battista, Molinette Hospital (Turin, Italy).

## **AWARDS**

- Premio “Mariella Graffi” 2023 (Accademia dei Lincei) for best master thesis in the comparative anatomy field.
- PhD fellowship for the Research Doctorate in veterinary science for animal health and food safety from November 2019 to November 2022.
- Fellowship from Fondazione CRT (“*Master dei talenti neodiplomati*”) from July 2012 to October 2012.

## **PUBLICATIONS**

**Ghibaudi M.**, Marchetti N., Vergnano E., La Rosa C., Benedetti B., Cuillard-Despres S., Farioli-Vecchioli S., Bonfanti L. (2023) Age-related changes in layer II immature neurons of the murine piriform cortex. *Front Cell Neurosci*, 28;17:1205173

**Ghibaudi M.**, Amenta A., Agosti M., Riva M., Graïc J.-M., Bifari F., Bonfanti L. (2023) Consistency and variation in doublecortin and Ki67 antigen detection in the brain tissue of different mammals, including humans. *Int J Mol Sci*, 24(3), 2514

**Ghibaudi M.**, Bonfanti L. (2022) How Widespread Are the "Young" Neurons of the Mammalian Brain? *Front Neurosci*, 16:918616

La Rosa C., **Ghibaudi M.**, Bonfanti L. (2019) Newly generated and Non-newly generated “immature” neurons in the mammalian brain: a possible reservoir of young cells to prevent brain aging and disease? *J Clin Med*, 15;8(5):685

## **CONGRESSES**

BraYn (2nd Brainstorming Research Assembly for Young Neuroscientist) - November 14th-15th-16th 2019

GISN (Gruppo Italiano per lo Studio della Neuromorfologia) - November 12th-13th-14th 2020

ENCODES (European Neuroscience Conference by Doctoral Students) - June 4th-5th-6th 2021

SINS (Italian Society for Neuroscience) - September 9th-10th-11th 2021

GISN (Gruppo Italiano per lo Studio della Neuromorfologia) - November 26th-27th 2021

Game of Research - North Edition - December 16th 2021