

FEDERICA GASPARRI

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Born: 10-10-1989, Milan (IT)

Education

- 01.2018 –** University of Milan, Milano (IT)
Postdoctoral fellow in the laboratory of Prof. A. Moroni
- 08.2014 – 11.2017** University of Copenhagen, Copenhagen (DK)
PhD in Pharmaceutical Sciences; Supervisor: S.A. Pless
- 10.2011 – 12.2013** University of Milan, Milano (IT) /Oxford Brookes University (UK)
MSc degree in Biology and Biomedical Research
- 09.2008 – 10. 2011** University of Milan, Milano (IT)
BSc in Biological Science
- 09.2010 – 12.2010** Oxford Brookes University, Oxford (UK)
Erasmus Student Exchange Program
- 09.2003 – 07.2008** Liceo Scientifico “G.Galilei”, Legnano, Milano (IT)
High School Diploma (science and humanities)

Scientific Experience

- 11.2015 – 02.2016** University of Strasbourg, Strasbourg (FR)
Collaboration with Prof. T.Grutter.
- 05.2014 – 07.2014** University of Copenhagen, Copenhagen (DK)
Research assistant in the laboratory of Assoc. Prof. Stephan Pless.
- 02. 2014 – 04. 2014** University of Milan, Milano (IT)
Internship in the *Laboratory of Pharmacology and Pathology of the Nervous System* at the Humanities Research Institute.
- 10.2012 – 07.2013** Oxford Brookes University, Oxford (UK)
Visiting researcher in the laboratory of Prof. I. Bermudez.

Publications and Conference Presentations

Publication:

Mazzaferro S, Benallegue N, Carbone A, **Gasparri F**, Vijayan R, Biggin PC, Moroni M and Bermudez I (2011) Additional acetylcholine (ACh) binding site at alpha4/alpha4 interface of (alpha4beta2)₂alpha4 nicotinic receptor influences agonist sensitivity. **The Journal of Biological Chemistry**.

Mazzaferro S, **Gasparri F**, New K, Alcaino C, Faundez M, Vasquez PI, Vijayan R, Biggin PC, Bermudez I (2014) Non-equivalent Ligand Selectivity of Agonist Sites in (α 4 β 2)₂ α 4 Nicotinic Acetylcholine Receptors: A Key Determinant of Agonist Efficacy. **The Journal of Biological Chemistry**.

Posters:

Gasparri F, Wengel J and Pless S.A. *Molecular determinants for ligand recognition and selectivity in P2X receptors*

Presented at:

- Ion Channel Symposium, University of Copenhagen, Copenhagen, DK (May 2015)
- Drug Research Academy, University of Copenhagen, Copenhagen, DK (August 2015)

Gasparri F, V. Komnatnyy and Pless S.A. *Molecular determinants for ligand recognition in P2X receptors*

Presented at:

- 60th Annual meeting of Biophysical Society, Los Angeles, CA, USA (February 2016)
- Ion Channel Symposium, University of Copenhagen, Copenhagen, DK (May 2016)

Gasparri F, V. Komnatnyy and Pless S.A. *Use of unnatural amino acid to investigate the molecular determinants for ligand recognition in P2X receptors*

Presented at:

- Genetic Code Expansion Conference, Corvallis, OR , USA (August 2016)

Gasparri F, Wengel J, Grutter T. and Pless S.A. *Effects of ligand conformations and hetero-liganded states on P2X2 receptor*

Presented at:

- 61st Annual meeting of Biophysical Society, New Orleans, LA, USA (February 2017)

Awards and Scholarship

- Price for best Poster at Drug Research Academy, University of Copenhagen, Copenhagen, DK (August 2015)
- Oticon Fonden – Stay abroad scholarship and travel grant
- The A.P. Møller Foundation for the Advancement of Medical Science – Stay abroad scholarship
- Augustinus Fonden – Stay abroad scholarship
- Knud Højgaards Fond – Stay abroad scholarship
- Lundbeckfonden – Travel grant