

Curriculum vitae

Personal informations

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| Name | Serena Gastaldi |
| Place of birth | Città di Castello (PG) Italy |
| Date of birth | 10/04/1974 |
| Nationality | Italian |
| Address | C.N.R. Institute of Cognitive Sciences and Technologies Unit of Cognitive Primatology & Primate Center Via Ulisse Aldrovandi 16b 00197 Rome (Italy) |
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Professional position

Since 02/2017 Researcher at the C.N.R. Institute of Cognitive Sciences and Technologies Unit of Cognitive Primatology & Primate Center
Via Ulisse Aldrovandi, 16b
00197 Rome – Italy

Research interests

The research interests are focus on the biology, the behavior and the cognitive capacities of decision making, symbolic reasoning, numerical cognition and social influences on individual learning in non-human primates.

02/2005–01/2017 Researcher position at the C.N.R. Institute of Cell Biology and Neurobiology
Group of Prof. G.P. Tocchini-Valentini
Via E. Ramarini, 32
00015 Monterotondo (Rome) – Italy

Research interests

Analysis of G-protein-coupled receptors, using yeast *S. cerevisiae* as a model system.
RNA processing in yeast.

Techniques

Yeast genetics

Molecular biology

Computer analysis

02/2001–12/2005 Award of a C.N.R. - Italian Ministry of Research fellowship at the C.N.R. - Institute of Cell Biology and Neurobiology.
Group of Prof. G.P. Tocchini-Valentini

Publications

Gastaldi S., Zamboni M., Bolasco G., Di Segni G. and Tocchini-Valentini G.P. (2016), “Analysis of random PCR-originated mutants of the yeast Ste2 and Ste3 receptors”. *MicrobiologyOpen* 5: 670-686.

De Angelis M.H. et al. and EUMODIC Consortium (2015), “Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics”.

Nat Genet. 47: 969-978.

Di Segni G., Gastaldi S., Zamboni M., and Tocchini-Valentini G.P.(2011), “Yeast pheromone receptor genes STE2 and STE3 are differently regulated at the transcription and polyadenylation level”.

Proc Natl Acad Sci USA 108: 17082-17086.

Gates H., Mallon A.M., Brown S.D. and EUMODIC Consortium (2011), “High-throughput mouse phenotyping”. *Methods*, 53, 394-404.

Morgan H., Beck T., Blake A., Gates H., Adams N., Debouzy G., Leblanc S., Lengger C., Maier H., Melvin D., Meziane H., Richerdson D., Wells S., White J., Wood J., EUMODIC Consortium, De Angelis M.H., Brown S.D., Hancock J.M. and Mallon A.M.

(2010), “EuroPhenome: a repository for high-throughput mouse phenotyping data”.

Nucleic Acids Res. 38: D577-85.

Di Segni, G., Gastaldi, S. and Tocchini-Valentini, G.P. (2008), “Cis- and trans-splicing of mRNAs mediated by

tRNA sequences in eukaryotic cells”.
Proc Natl Acad Sci USA 105: 6864-6869.

Meetings and courses

- 15/10/2016 Participation at the meeting “Primate Day”, Palazzo Nonfinito, Florence, Italy.
- 9/06–15/10/2016 Participation at the meeting “From basic research to technology transfer IBPM Annual Meeting”, Aula Convegni C.N.R. Rome, Italy.
- 17/11/2015 Safety training in scientific laboratories. CNR, Institute of Cell Biology and Neurobiology (IBCN), Monterotondo (Rome), Italy.
- 11–13/11/2014 Glauco P. Tocchini-Valentini and the Members of EMMA – INFRAFRONTIER – IMPC Monterotondo. “EMMA – INFRAFRONTIER – IMPC Monterotondo Mouse Clinic (MMC)”, poster presentation at the 2014 IMPC Annual Meeting, Barcelona, Spain.
- 2–4/12/2013 Gianfranco Di Segni, Serena Gastaldi, Michela Zamboni and Glauco P. Tocchini-Valentini. “Yeast pheromone receptor genes STE2 and STE3 are differently regulated at the transcription and polyadenylation level”, poster presentation at the INFRAFRONTIER IMPC-IKCM Rome Meeting, CNR Headquarters, Rome, Italy.
- 5–9/11/2016 Gianfranco Di Segni, Serena Gastaldi, Michela Zamboni and Glauco P. Tocchini-Valentini. “Comparative analysis of random PCR-originated mutants of the Ste2 and Ste3 receptors”, poster presentation at the 2013 Cell Biology of Yeast Meeting, Cold Spring Harbor, NY, USA.
- 31/7–5/8/2012 Serena Gastaldi, Michela Zamboni, Gianfranco Di Segni and Glauco P. Tocchini-Valentini. “Comparative analysis of random PCR-originated mutants of the Ste2 and Ste3 receptors”, poster presentation at the 2012 Yeast Genetics and Molecular Biology Meeting, Princeton, New Jersey, USA.
- 23/1/2012 Participation at the meeting “The Deep Secrets of Life, beyond the standard paradigms of physics, chemistry and biology”, Aula Convegni C.N.R. Rome, Italy.

- 28/2–13/3/2011 Gianfranco Di Segni, Serena Gastaldi, Michela Zamboni and Glauco P. Tocchini-Valentini. “The STE2 gene of *S. cerevisiae* bears a cryptic polyadenylation site in its coding region”, poster presentation at the Second International EURASNET Conference on Alternative Splicing Granada, Spain.
- 27/7–1/8/2010 Gianfranco Di Segni, Serena Gastaldi, Michela Zamboni and Glauco P. Tocchini-Valentini. “The STE2 gene of *S. cerevisiae* bears a cryptic polyadenylation site in its coding region”, poster presentation at the 2010 Yeast Genetics and Molecular Biology Meeting, Vancouver, Canada.
- 18-19/3/2010 Di Segni, G., Gastaldi, S. and Tocchini-Valentini, G.P. “Cis- and trans-splicing of mRNAs mediated by tRNA sequences in eukaryotic cells”, poster presentation at the CNR-EBRI-EMBL-ICGEB Monterotondo Workshop 2010, CNR, Institute of Cell Biology and Neurobiology (IBCN), Monterotondo (Rome), Italy.
- 28/7–3/8/2008 Di Segni, G., Gastaldi, S. and Tocchini-Valentini, G.P. “Cis- and trans-splicing of mRNAs mediated by tRNA sequences in eukaryotic cells”, poster presentation at the RNA 2008 - Thirteenth Annual Meeting of the RNA Society, Berlin, Germany.
- 8-11/4/2002 Participation at the Theoretical Course: “RNA structure and function”, ICGEB Science Park, Trieste, Italy.
- Roma, 8/4/2017