

PERSONAL DETAILS

Name and Last Name:

EUGENIA GOYA

Place and date of birth:

Concordia, Entre Ríos, Argentina, August 22, 1986.

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EDUCATION

- 2011-present **PhD Student** – Science and Technology (Universidad Nacional de Quilmes, Argentina). Research Subject: A luminescent reporter approach to study the molecular basis of circadian rhythmicity in *C. elegans*. Supervisor: Dr. Diego Golombek.
- 2008-2011 **Master in Science - Biotechnology** (Universidad Nacional de Quilmes, Argentina). Graduated with honours - Gold Medal Award. Average grade: 9.63/10.
- 2005-2008 **Science and Technology Diploma** (Universidad Nacional de Quilmes, Argentina). Graduated with honours. Average grade: 9.81/10.

SKILLS**Spanish** (Fluent)**English** (Fluent)**Microsoft office:** Word, Excel, PowerPoint.**Bioinformatics tools:** BLAST, jPREdictor, MEGA, Hmsearch, InterProScan, Clone Manager, Primer3Plus, WormBase, WormBook, WormAtlas, Texpresso.**Data and Imaging analysis:** MATLAB, GraphPad, OriginLab, CorelDRAW, Photoshop, Irfanview, ImageJ.**FELLOWSHIPS**

- 2016 **Universidad Nacional de Quilmes PhD fellowship** to finish the degree. Chronobiology Laboratory, Universidad Nacional de Quilmes, BA, Argentina. Supervisor: Dr. Diego Golombek. Duration: 1 year.
- 2014 **PhD fellowship Type II - National Research Council of Argentina** (CONICET) to develop the research subject: "Development of a luciferase reporter system in *Caenorhabditis elegans* for the study of circadian clock genes"– Chronobiology Laboratory, Universidad Nacional de Quilmes, BA, Argentina. Supervisor: Dr. Diego Golombek. Duration: 2 years.
- 2011 **PhD fellowship Type I - National Research Council of Argentina** (CONICET) to develop the research subject: "Development of a luciferase reporter system in *Caenorhabditis elegans* for the study of circadian clock genes"– Chronobiology Laboratory, Universidad Nacional de Quilmes, BA, Argentina. Supervisor: Dr. Diego Golombek. Duration: 3 years.
- 2007 **National Universities Training Fellowship for Undergraduate Students.** YPF Foundation. Universidad Nacional de Quilmes, BA, Argentina. Duration: 3 years.

AWARDS

- 2015 **Young ISN Neurochemistry Award** to assist to the XXX Annual meeting of Argentinean Neuroscience Society small Conference and Course. Mar del Plata, Argentina.
- 2014 **Mention of Honour**, awarded by the **most original use of a model system**. "Model Systems in Biological Sciences" Course. Institute for Research in Biomedicine of Buenos Aires - CONICET- Partner Institute of the Max Planck Society (IBIOBA). Buenos Aires, Argentina.
- 2013 **REBDIO International Foundation Student Award**. Mar del Plata, Argentina.
- 2012 **Bernardo A. Houssay Award**, CEDIQUIFA, awarded to the Chronobiology Lab research group of the Universidad Nacional de Quilmes in merit of achievements in the field of chronobiology and chronopharmacology. Buenos Aires, Argentina.
- 2011 **Gold medal merit award of academic excellence** in Biotechnology Degree. Universidad Nacional de Quilmes. Buenos Aires, Argentina.
- 2009 **Santander Rio 2009 Academic Merit Award** for National and Private Argentinian Universities. Buenos Aires, Argentina.
- 2008 **Santander Rio 2008 Academic Merit Award** for National and Private Argentinian Universities. Buenos Aires, Argentina.
- 2004 **American States Organization (OAS) Young Scientist Award**, as Young Scientist of Argentina (OAS, COMCYT, CONCYTEC). Lima, Perú.
- 2004 **Distinction of the Honorable Chamber of Congress** (Draft Declaration D-3089-04). Secretariat of Science, Technology and Productive Innovation (SeCyT), National Ministry of Education, Science and Technology for the direct involvement in the INTEL ISEF 2004. Buenos Aires, Argentina.
- 2004 **Third Place in Microbiology** for the project: "UV Treatment of Orange Juice", in the 2004 International Science and Engineering Fair (ISEF) INTEL. Portland, Oregon, USA.
- 2001 **Exemplary student distinction** awarded by the General Council of Education, Government of the province of Entre Rios. Concordia, Entre Ríos, Argentina.
- 2002 **Academic Merit Award** given by Honorable City Council of Concordia, Entre Ríos. Concordia, Entre Ríos.
- 2002 **Exemplary student distinction** awarded by the General Council of Education, Government of the province of Entre Rios. Concordia, Entre Ríos, Argentina.

RESEARCH GRANTS

- 2013 **Category II Research Support Grant** for students and researchers at the **Universidad Nacional de Quilmes** (SAI 358/13) to develop the research topic "Development of a luciferase reporter system in *Caenorhabditis elegans* for the study of circadian clock genes" – Chronobiology Laboratory. Supervisor: Dr. Diego Golombek.
- 2011 **Travel fellowship** for researchers in training at the **Universidad Nacional de Quilmes** (VIEF 2011-CS N°711/11).

- 2009 **Category I Research Support Grant** for Students at the **Universidad Nacional de Quilmes** (SAI 1441/09) to develop the research topic “Development of a luciferase reporter system in *Caenorhabditis elegans* for the study of circadian clock genes” – Chronobiology Laboratory. Supervisor: Dr. Diego Golombek.

RESEARCH POSITIONS

- 2012 **Visiting PhD student with Dr. Claire Bénard**, Department of Neurobiology, UMass Medical School, Worcester, MA, USA (6 months).
- 2011-present **PhD student** at the Chronobiology Laboratory, Universidad Nacional de Quilmes, Argentina. Supervisor: Dr. Diego Golombek.
- 2009-2010 **Undergraduate research** at the Chronobiology Laboratory, Universidad Nacional de Quilmes, Argentina. Supervisor: Dr. Diego Golombek.
- 2008-2009 **Undergraduate research** at the Biological Interactions Programme Laboratory, Universidad Nacional de Quilmes, Argentina. Supervisor: Dr. Claudio Valverde.

RESEARCH SOCIETIES MEMBERSHIPS

- 2015-present Member of the **Argentinian Neuroscience Society (SAN)**
<http://www.saneurociencias.org.ar/>

JOURNAL PUBLICATIONS

- 2016 **"Circadian rhythms identified in *Caenorhabditis elegans* by in vivo long-term monitoring of a bioluminescent reporter"**. Goya ME, Romanowski A, Caldart CS, Bénard CY, Golombek DA (under revision in PNAS).
- 2014 **"Potential Conservation of Circadian Clock Proteins in the phylum Nematoda as Revealed by Bioinformatic Searches"**. Romanowski A, Garavaglia MJ, Goya ME, Ghiringhelli PD, Golombek DA. PLoS ONE 2014 Nov 14; 9(11):e112871; doi: 10.1371/journal.pone.0112871.

BOOK CHAPTERS

- 2012 Romanowski A, Goya ME, Migliori ML, Simonetta SH, Golombek, DA. **"Circadian regulation of abiotic stress tolerance in *Caenorhabditis elegans*."** In: Haryana N. and Punj S. (eds), **Abiotic Stress: New Research**. Nova Science Publishers. Hauppauge, New York. ISBN 978-1-61942-197-4.
- 2011 Festa S, Sanchez ML, Baidanoff FM, Goya ME. "Capítulo 1: Empresas Biotecnológicas. Del desarrollo de una empresa a una empresa en desarrollo". In: Diaz A. y Mafia P. (comps). **Biotecnología en la Argentina, Desarrollo y Usos Sociales**. Universidad Nacional de Quilmes (ed). Buenos Aires. pp. 21-54, 2011. ISBN: 978-987-558-214-9.

SCIENTIFIC MEETINGS ORGANIZATION

- 2011 **Member of the Organizing Committee** of the “1st Argentinean Symposium of *Caenorhabditis elegans*” held at the Universidad Nacional de Quilmes, Bernal, Bs. As., Argentina (December 12-13).

MEETINGS AND POSTER PRESENTATIONS

- 2015 **XIII Latin American Symposium on Chronobiology. “A dual luminescent-fluorescent reporter tool reveals robust circadian rhythms in *C. elegans*”.** Goya ME, Romanowski A, Caldart CS, Bénard CY, Golombek DA. São Paulo, Brazil. November 3-8.
- 2015 **XXX Annual meeting of Argentinean Neuroscience Society. “A dual luminescent-fluorescent reporter tool reveals robust circadian rhythms in *C. elegans*”.** Goya ME, Romanowski A, Caldart CS, Bénard CY, Golombek DA. Mar del Plata, Argentina. September 29 to October 1.
- 2013 **VIII Meeting of Biotechnology REDBIO 2013 for Latin America and the Caribbean. “Development and application of a bioluminescent reporter system in the nematode *Caenorhabditis elegans*”.** Goya ME, Romanowski A, Golombek DA. Mar del Plata, Argentina. November 18-22.
- 2012 **Argentine Society for Biochemistry and Molecular Biology scientific meeting “SAIB 2012”. “Circadian rhythms in *Caenorhabditis elegans*, putting the puzzle together”.** Romanowski A, Goya ME, Migliori ML, Simonetta SH, Golombek DA. Mar del Plata, Argentina. October 29 to November 1.
- 2012 **Aging, Metabolism, Stress, Pathogenesis and small RNAs in *C. elegans* meeting. “Circadian rhythms in metabolism, stress tolerance and pathogenesis: lessons from *Caenorhabditis elegans*”.** Goya ME, Romanowski A, M. Laura Migliori, Simonetta SH, Golombek DA. Madison, USA. July 12-15.
- 2011 **1st International Symposium of Thiol Metabolism and Redox Regulation of Biological Functions. “Redox State and Circadian Rhythms in *Caenorhabditis elegans*”.** Romanowski A., Goya ME, Migliori ML, Golombek DA. Punta Ballena, Uruguay. March 25-26.
- 2010 **Meeting of Argentinean Neuroscience Workshop - Argentinean Society for Research in Neuroscience (TAN-SAN). “Keeping up with the worm’s rhythm: a story of homology and circadian variability”.** Romanowski A, Migliori ML, Goya ME, Simonetta SH, Golombek DA. Huerta Grande, Córdoba, Argentina. October 8-10.
- 2010 **Society for Research on Biological Rhythms, 12th Biennial Meeting. Florida, USA. “There is a worm in my clock!”.** Migliori ML, Romanowski A, Goya ME, Simonetta SH, Golombek DA. Córdoba, Argentina. May 22-26.
- 2009 **X Latin American Symposium on Chronobiology-LASC. “Circadian rhythms in *C. elegans*: locomotor activity, metabolism and stress tolerance”.** Romanowski A, Migliori ML, Goya ME, Simonetta SH, Golombek DA. Natal, Brasil. October 21-24.
- 2009 **Meeting of Argentinean Neuroscience Workshop - Argentinean Society for Research in Neuroscience (TAN-SAN). “It’s a worm’s life: circadian rhythms in**

C. elegans". Romanowski A, Migliori ML, Goya ME, Simonetta SH, Golombek DA. Córdoba, Argentina. September 2-6.

ORAL PRESENTATIONS (MEETINGS)

- 2015 **"Biological Rhythms" NSF Workshop. XIII Latin American Symposium on Chronobiology. "What makes C. elegans wiggle: from behaviour to molecular insights"**. Goya ME. Oral presentation. São Paulo, Brazil. November 3-8.

TEACHING EXPERIENCE

- 2016 **Teaching assistant** in charge of the laboratory practices of the **"Genetic engineering"** class, first semester. Biotechnology Degree. Universidad Nacional de Quilmes, Buenos Aires, Argentina. Prof.: Dr. Marcos Billen.
- 2015 **Teaching assistant** in charge of the laboratory practices of the **"Biochemistry"** class, second semester. Biotechnology Degree. Universidad Nacional de Quilmes, Buenos Aires, Argentina. Prof.: Dr. Luis Wall.
- 2012 **Teaching assistant** in charge of theory lessons of the **"Microbiology and Parasitology"** class, first semester. Nursing School. Arturo Jauretche National University, Buenos Aires, Argentina. Prof.: Dr. Alejandra Musto.

HUMAN RESOURCES

- 2014-present **Training of PhD student** Melisa L. Lamberti. Chronobiology Laboratory. Supervisor: Dr. Diego Golombek. Universidad Nacional de Quilmes, Buenos Aires, Argentina.
- 2014-2015 **Co-supervisor of pregraduate student** Luciano A. Brum for the degree of M. Sc. In Biotechnology of the Universidad Nacional de Quilmes.

COURSES

- 2015 **"State-of-the-art methods in Neuroscience Research"**. XXX Annual meeting of the Argentinean Neuroscience Society Course. Mar del Plata, Argentina. Duration: 18 hours. Approved. September 27-29.
- 2014 **"Small Brains, Big Ideas: Biomedical Insights from Invertebrates"**. University of Chile and Valparaíso. Chile. Duration: 63 hours. Grade: 9/10. October 6-15.
- 2014 **"Science, Technology and Society"**. Dr. Pablo Pellegrini. Universidad Nacional de Quilmes. Buenos Aires, Argentina. Duration: 30 hours. Grade 9/10. September 1-12.
- 2014 **"Elements of Scientific and Technological Production"**. Dr. Diego Golombek. Universidad Nacional de Quilmes. Buenos Aires, Argentina. Duration: 32 hours. Grade 10/10. August 4-21.
- 2014 **"Model Systems in Biological Sciences"**. Institute for Research in Biomedicine of Buenos Aires (IBIOBA) - CONICET- Partner Institute of the Max Planck Society. Buenos Aires, Argentina. Duration: 46 hours. Approved. June 30 to July 4.

- 2014 **"Biology of bacterial non-coding RNAs"**. EMBO Course. Universidad Nacional de Quilmes. Buenos Aires, Argentina. Duration: 11 hours. Approved. March 4-9.
- 2013 **"I International symposium of Massive DNA sequencing. Myths and realities of its application to agriculture and human health"**. UADE. Buenos Aires, Argentina. Duration: 5 hours. September 13.
- 2013 **"The answers to the 100 statistics questions that keep you awake at night"**. Universidad Nacional de Quilmes. Buenos Aires, Argentina. Duration: 30 hours. Grade: 10/10. May 13-17.
- 2012 **"Expression and purification of recombinant proteins in bacteria, yeasts, plants and mammals"**. National Institute of Chascomús - National University of San Martin. Buenos Aires, Argentina. Duration: 60 hours. Grade: 9/10. February 13-18.
- 2010 **"Applied Genomics"**. National University of Buenos Aires. Buenos Aires, Argentina. Duration: 168 hours. Grade 10/10. February – March.
- 2008 **"Methods of Rhythmic Behavior Analysis in experimental animals"**. Universidad Nacional de Quilmes. Buenos Aires, Argentina. . Duration: 15 h. Approved. October 13-21.