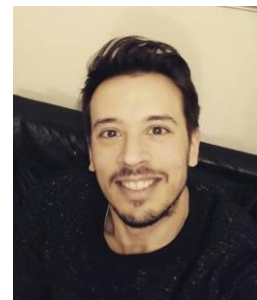


Fernando Martín Baidanoff
fbaidanoff@gmail.com



EDUCATION

2012 At present, ending PhD studies. Thesis name: “Modulation of the Photic Synchronization of the Mammalian Circadian Clock”. Laboratory of Chronobiology at Universidad Nacional de Quilmes. Thesis advisor: Dr. Golombek D.A. Defense of the PhD Thesis in 2016.

2011 **Master in Biotechnology** specialized in Molecular Biology, Universidad Nacional de Quilmes. Score: 9.13/10.00 (*cum laude*)

2007 **Bachelor in Science and Technology**, Universidad Nacional de Quilmes, Argentina. Score: 9.06/10.00

2007 **Laboratory Technician**, Universidad Nacional de Quilmes, Argentina. Score: 9.06/10.00

2004 **Chemical Technician**, EPET N° 14, Neuquén, Argentina. Score: 9.29/10.00

WORK EXPERIENCE

2016. Instructor of “Basic Laboratory Techniques”, Chemistry Technician Degree, Universidad Nacional de Quilmes, Argentina.

2014-2015. Tutor of the “Workshop in University Life”, Universidad Nacional de Quilmes, Argentina.

2013-2014. Assistant Professor of “Pharmacology”, Science and Technology Bachelor, Universidad Nacional de Quilmes, Argentina.

2009-2010. Assistant Instructor of “Biology”, Science and Technology Department. Universidad Nacional de Quilmes.

PUBLICATIONS

- Baidanoff F.M., Eaton P., Doctorovich F., Golombek D.A., Chiesa J.J. Redox Modulation of the Photic Synchronization of Mammalian Circadian Clock. Article in progress. 2016.
- Baidanoff F.M., Plano S.A., Doctorovich F., Suárez S.A., Golombek D.A., Chiesa J.J. N-Nitrosomelatonin Enhances Photic Entrainment of the Suprachiasmatic Circadian Clock. J Neurochem. 2013 doi: 10.1111/jnc.12613.

- Baidanoff, F.M., Goya, M.E., Festa, S., Sánchez, M. “Biotecnología en la Argentina: desarrollo y usos sociales”. Chapter I. Editors: Díaz A. y Maffia, P. Universidad Nacional de Quilmes Editorial. 2011

POST GRADUATE COURSES

- “*Universality, Complex Systems and Neuroscience*” Center for Complex Systems & Brain Sciences. Universidad Nacional de San Martín, San Martín, Argentina, 2016.
- “*Basic course of flow cytometry*” Grupo Rioplatense de Citometría de Flujo. Buenos Aires, Argentina, 2014.
- “*Proteomics and MS-MALDI-TOF*” Instituto Multidisciplinario de Biología Celular – Universidad Nacional de la Plata - CONICET, La Plata, Buenos Aires, Argentina, 2014.
- “*Introduction to the multivariate analysis for the biological research*” Universidad Nacional de Quilmes, Bernal, Quilmes, Buenos Aires, Argentina, 2012.
- “*Molecular Tools for the Study of Integrative Neurophysiology*” Instituto de Investigaciones Médicas Mercedes y Martín Ferreyra. International Brain Organization (IBROLARC), American Physiological Society (APS), Córdoba, Argentina 2011.
- “*Electrophysiological Recordings and Optical Imaging in Neuroscience*”. Sociedad Argentina de Investigación en Neurociencia. Huerta Grande, Córdoba, Argentina, 2011.
- “*Rhythms and biological clocks*” Universidad Nacional de Quilmes, Bernal, Quilmes, Buenos Aires, Argentina, 2011.
- “*Introduction to the behavior analysis in animals’ model of psychiatric disorders*”. Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Departamento de Fisiología y Biología Molecular y Celular. Buenos Aires, Argentina, 2011.
- “*Design and analysis of experiments*” Universidad Nacional de Quilmes, Bernal, Quilmes, Buenos Aires, Argentina, 2010.
- “*Manipulation of lab animals*” Universidad Nacional de Quilmes, Bernal, Quilmes, Buenos Aires, Argentina, 2009.
- “*Analysis methods of the rhythmic behaviour in lab animals*” Universidad Nacional de Quilmes, Bernal, Quilmes, Buenos Aires, Argentina, 2008.

CONFERENCE PRESENTATIONS

International Meetings

- “Nitregic neural communication for the synchronization of the mammalian circadian clock: a putative redox-regulation.” Baidanoff F.M., Suárez S. A., Doctorovich F, Golombek D.A. and Chiesa J.J. Society for Research on Biological Rhythms meeting. Palm Harbor, Florida, United States of America. May, 2016.
- “Redox regulation of photic synchronization of the mammalian circadian clock”. Baidanoff F.M., Suárez S.-A., Doctorovich F, Golombek D.A. and Chiesa J.J. European

Molecular Biology Organization (EMBO) Symposium: Biological Oscillators: Design, Mechanism and Function. Heidelberg, Germany. November, 2015.

- “Redox regulation of photic synchronization of the mammalian circadian clock”. Baidanoff F.M., Suárez S.A., Doctorovich F, Golombek D.A. and Chiesa J.J. XIII Latin American Symposium on Chronobiology – LASC 2015. São Pablo, Brazil. November, 2015.
- “Nitregic neural communication for the synchronization of the mammalian circadian clock: a putative redox-regulation.” Baidanoff F.M., Suárez S.A., Doctorovich F, Golombek D.A. and Chiesa J.J. XIV European Biological Rhythms Society (EBRS) and IV World Congress of Chronobiology (WCC). Manchester, United Kingdom. August, 2015.
- “Redox regulation of photic synchronization of the mammalian circadian clock” Baidanoff F.M., Suárez S.A., Doctorovich F, Golombek D.A. and Chiesa J.J. 12th meeting of the French Neuroscience Society.. Montpellier, France. May, 2015
- “N-nitrosomelatonin enhances photic entrainment of the suprachiasmatic circadian clock”. Baidanoff F.M., Plano S.A., Ghiringhelli P.D., Suárez S.A., Doctorovich F., Golombek D.A., Chiesa J.J. XVI International Congress of Photobiology. Córdoba, Argentina. September, 2014.
- “N-nitrosomelatonin enhances photic entrainment of the suprachiasmatic circadian clock”. Baidanoff F.M., Plano S.A., Doctorovich F., Suárez S.A., Golombek D.A., Chiesa J.J. XII Latin American Symposium on Chronobiology. Tunuyán, Mendoza, Argentina. October, 2013.

Domestic Meetings

- “*N-nitrosomelatonin enhances photic entrainment of the suprachiasmatic circadian clock*”. Baidanoff F.M., Plano S.A., Ghiringhelli P.D., Suárez S.A., Doctorovich F., Golombek D.A., Chiesa J.J. XLVIII Annual meeting of the Argentinian Society for the Research in Biochemistry and Molecular Biology (SAIB). 2012. Mendoza, Argentina.
- “*N-nitrosomelatonin enhances photic entrainment of the suprachiasmatic circadian clock*”. Baidanoff F.M., Plano S.A., Suárez S. A., Doctorovich F., Golombek D.A., Chiesa J.J. "Frontiers in Bioscience" Joint Symposium of the Max Planck Society and the Ministerio de Ciencia y Tecnología (Argentine Ministry of Science and Technology). 2012. Buenos Aires, Argentina.
- “*NO-cGMP-PKG pathway in the SCN: The leftovers*”. Plano S.A., Chiesa J.J., Baidanoff F.M., Agostino P.V., de la Iglesia H., Golombek D.A. Sociedad Argentina de Investigación en Neurociencias (SAN) XXVI Annual meeting. 2011. Huerta Grande, Córdoba, Argentina.
- “*A novel nitrosomelatonin drug resynchronizes the circadian clock*”. Baidanoff F.M., Plano S.A., Golombek D.A., Suárez S. A., Doctorovich F., Chiesa J.J. Sociedad Argentina de Investigación en Neurociencias (SAN) XXVI Annual meeting. 2011. Huerta Grande, Córdoba, Argentina.

Oral presentation

- “*N-nitrosomelatonin enhances photic entrainment of the suprachiasmatic circadian clock*”. Baidanoff F.M., First PhD and advanced students of the Science and Technology Department of Universidad Nacional de Quilmes, Argentina. 2013.

GRANTS

- BEC.AR Program (Argentine Chief of Cabinet Ministers Program for the financing of international short stays of Neuroscience PhD students), Collaboration with King's College London, The Rayne Institute, Cardiovascular Division at St. Thomas Hospital, London, United Kingdom, 2015. Principal Investigator: Phillip Eaton.
- EMBL Corporate Partnership Programme - Travel Grant EMBO 2015, Heidelberg, Germany.
- Société des Neurosciences / PERC-IBRO Travel award 2015, Montpellier, France.
- Post-Graduate grant for researchers: "Subsidio de apoyo a la investigación para estudiantes de grado e investigadores en formación (SAI-categoría II)". Universidad Nacional de Quilmes, Argentina. 2012.
- Grant for undergraduate students: "Subsidio de apoyo a la investigación para estudiantes de grado e investigadores en formación (SAI-categoría I)". Universidad Nacional de Quilmes. Argentina. 2009.

Participation in Scientific Financing Programs

- 2016-2019: Priority Program PUNQ EXPTE 1397/15: Chronos II: The return of the Time. Universidad Nacional de Quilmes. Principal Investigator: Golombek D.A.
- 2014-2017: Science and Technological Research Project (PICT 2099): "Photic and neuroimmunological synchronization of the circadian clock and its pathological implications". Principal Investigator: Chiesa J.J.
- 2012-2015: Priority Program PUNQ 1013/11- Project: "CHRONOS: biological rhythms modulation II". Principal Investigator: Golombek D.A.
- 2011-2014: Science and Technological Research Project (PICT-Raices 2010): "External and internal synchronization of mammalian circadian rhythms". Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT), Ministerio de Ciencia, Técnica e Innovación Productiva. Principal Investigator Chiesa J.J.
- 2011-2014: Priority Program PUNQ 1013/11: Chronos: Modulation of the Biological Rhythms. Universidad Nacional de Quilmes. Principal Investigator: Golombek D.A.

SCHOLARSHIPS

- PhD scholarships:
 - Universidad Nacional de Quilmes: "Beca de finalización de Doctorado". 2016-2017.
 - BEC.AR Program, Argentine Chief of Cabinet of Ministers, 2015 King's College London- The Rayne Institute, Cardiovascular Division St. Thomas Hospital, London, UK. Principal Investigator: Phillip Eaton.
 - CONICET (National Research Council Scientific and Technical)

- 2012-2014: “Beca de post-grado tipo 1”
 - 2014-2016: “Beca de post-grado tipo 2”
-
- Undergraduate scholarship: “Beca de grado Bicentenario para carreras prioritarias”. Ministry of Education of Argentina. 2009-2010

AWARDS

- Bernardo Houssay’s Awards 2012. Centro de Estudios para el Desarrollo de la Industria Químico-Farmacéutica Argentina (CEDIQUIFA), Buenos Aires, Argentina.

LANGUAGES

- Spanish: mother tongue
- English: TOEFL (263/300)
- French: DELF A1 (92/100), DELF A2 (85/100), DELF B1(70/100)

PERSONAL DETAILS

- Marital Status: single
- Age: 30
- Nationality: Argentinian