# Constanza Ilarraz

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Dedicated and detail-oriented scientist with a background in behavioral neuroscience research, data analysis, and team collaboration. Seeking to transition my career to contribute to initiatives that positively impact people's quality of life.

## Education

- **PhD in Health Sciences (ongoing).** University of Buenos Aires, School of Pharmacy and Biochemistry. Expected defense date: September 2024

- **Bachelor's Degree in Psychology.** University of Buenos Aires (2011-2017; US equivalent to Bachelor's + Master's Degree)

## Professional experience

**Doctoral Fellow**
CONICET - Pain Physiology Laboratory, Systems Neuroscience Group, Institute of Physiology and Biophysics Houssay, UBA | 2018 – Present
- Developed and executed research projects in pain neuroscience
- Analyzed and presented experimental data
- Wrote reports and scientific articles

**Guest Teaching Assistant**
School of Pharmacy and Biochemistry, UBA | October 2023
- Demonstrated surgical techniques on experimental animals to students in the Animal Facility Techniques II course

**Research stays**
Institute of Physiology, University of Bern, Switzerland | July 2022 – September 2022, February 2020 – March 2020
- International collaboration on bilateral research projects

**Therapeutic companion**
Private Patient | September 2017 – March 2018
- Provided support and applied cognitive-behavioral techniques to a patient with borderline personality disorder

**Teaching Assistant**
Faculty of Psychology and Psychopedagogy, Universidad del Salvador | March 2017 – June 2017
- Assisted in teaching the Neurosciences II course

**Research Intern**

Laboratory of Experimental and Applied Psychology, Institute of Medical Research, UBA - CONICET | 2016 – 2018
- Developed and executed behavioral experiments
- Analyzed and presented experimental data
- Wrote reports and scientific articles

## Additional Training

- **Data Analysis of Calcium Imaging Signals from Neural Circuits**
  National University of San Luis. October 2023

- **Modern Approaches to Behavioral Analysis**
  Cajal advanced neuroscience training. November 2022

- **Behavioral Analysis of Animal Models of Psychiatric Disorders**
  School of Exact and Natural Sciences, University of Buenos Aires. October 2022

- **Research Methodology**
  School of Pharmacy and Biochemistry, University of Buenos Aires. July – December 2022

- **Statistics applied to the Health Sciences**
  School of Pharmacy and Biochemistry, University of Buenos Aires. March – July 2022

- **Applied Behavior Analysis Interventions for Children with Autistic Spectrum Disorder and other Developmental Disorders**
  Educational Assistance in Behavior Modification. July – August 2021

- **Python Programming**
  School of Science and Technology, National University of San Martín. March – July 2021

- **Google IT Support**
  Five-course specialization. Coursera. July – December 2020

- **Pharmacology**
  School of Pharmacy and Biochemistry, University of Buenos Aires. August – December 2019

- **Laboratory Animals**
  School of Pharmacy and Biochemistry, University of Buenos Aires. May – June 2019

- **Neurobiology of Drug Addiction**
  School of Chemical Sciences, National University of Cordoba. October 2018

- **Introduction to Molecular and Cellular Biology**
  School of Exact and Natural Sciences, University of Buenos Aires. March – July 2018

- **University Teaching Training**

National Technological University. August 2017

- **Practical Statistics for Psychological Research**
  Association for the Advancement of Psychological Science. June 2017

## Skills

- **Software:** Data analysis (IBM SPSS, GraphPad Prism, InfoStat), programming (Python and scientific libraries), Office suite and open-source alternatives

- **Languages:** Spanish (native), English (advanced, EFSET 61/100)

- **Laboratory Techniques:** Solution preparation, immunohistochemistry, animal handling and care, stereotaxic surgery, conventional and fluorescence microscopy, benchwork

- **Soft Skills:** Teamwork, quick adaptation to change, assertive communication, diligence in meeting objectives

## Publications

- Trujillo, M. J., **Ilarraz, C.,** & Kasanetz, F. (2023). Plasticity of Cortico-striatal Neurons of the Caudal Anterior Cingulate Cortex During Experimental Neuropathic Pain. *Neuroscience, 523*, 91-104

- Serafini, M., **Ilarraz, C.**, Laurito, M., & Cuenya, L. (2022) Increment in the consummatory response induced by reward delay: An animal model of binge-like eating episodes. *Learning and motivation, 80,* 101842

- **Ilarraz, C**., Serafini, M., Laurito, M., & Cuenya, L. (2019). Consumo adolescente de bebidas azucaradas y sus efectos motivacionales en la adultez: un modelo animal. *Anuario de investigaciones, 25,* 465-472

## Awards and grants

- **SAN Congress Grant.** Argentine Society of Neurosciences. October 2023

- **Honor Diploma.** University of Buenos Aires. December 2018

- **SAN Congress Grant.** Argentine Society of Neurosciences. October 2018

- **Doctoral Fellowship.** National Scientific and Technical Research Council (CONICET). December 2017

- **Poster Award.** University of Buenos Aires. December 2017

- **Young Researchers Award.** Argentine Association of Behavioral Sciences, First Place. August 2017