

**Aimée Bastidas Ponce, PhD**

Postdoctoral Researcher

**CONTACT**

Translational Genomics of Diabetes Laboratory (TGD), Pediatrics department, School of Medicine, Stanford University.



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<https://scholar.google.com/citations?hl=es&user=NgvNt5IAAAAJ>**RESEARCH INTEREST**

My research aims to understand the formation, maturation and function of endocrine cells, in particularly insulin-producing  $\beta$ -cells, during pancreas development and disease. Understanding the mechanisms underlying differentiation and maturation of  $\beta$ -cells can contribute to the development of new approaches for diabetes therapy.

**ACADEMIC DEGREES**

PhD (*suma cum laude*) in Developmental Biology, Helmholtz Centrum Munich, Germany (10/2020)

Master in Biotechnology. National Autonomous University of Mexico (UNAM) (11/2013).

Bachelor in Biochemical Engineering, Autonomous University of Sinaloa (UAS), Mexico (06/2008).

**RESEARCH EXPERIENCE**

Postdoctoral fellow, TGD, Stanford (Since 09/2023).

Postdoctoral fellow, IDR. Projects: (1) Eli Lilly cooperation on the characterization of potential targets for diabetes treatment, (2) Function of Synaptotagmin 13 in pancreas development and (3) in adult pancreatic  $\beta$ -cells (10/2020-08/2023).

PhD student, IDR, HDC, and Technical University of Munich (TUM) Germany; Thesis: "*Identification and characterization of novel genes involved in pancreas development*"; Supervisor: Prof. Dr. Heiko Lickert (10/2013– 10/2020).

Master student, UNAM, Institute of Biotechnology. Thesis: "*Vectors construction for the analysis of dynamic expression of sonic hedgehog promotor/enhancer in the central neural system*"; Supervisor: Dr. Christopher Wood (02/2009 – 11/2013).

Bachelor student, UAS, Faculty of Chemical and Biological Sciences. Culiacan, Sinaloa, Mexico. Thesis: "*Storage effect on bean (*Phaseolus vulgaris L*) on their technological properties*"; Supervisors: Dr. Cuauhtémoc Reyes Moreno and Dr. Jorge Milán Carrillo. (08/2002-06/2008).