



RUTGERS

**iJOBS Career Panel: Research positions in industry**

July 25, 2023

12:00 PM



**Agata Krzyzanowska, PhD**

Scientific Lead

Eli Lilly

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Agata received BS (2004) and MS (2006) in in Medical Analytics from Jagiellonian University Medical College (Krakow, Poland). In 2007 she moved to NYC where she worked as research assistant at Hospital for Special Surgery (HSS). During 8 years at HSS she work on multiple projects including development of percutaneous gene delivery-mediated spinal fusion technology (patent: US 20160263200 A1) and identification of mechanisms involved in abnormal mineralization of soft tissues during inflammation in patients with degenerative disc disease (Sci Rep. 2021, PMID: [PMC8050288](https://pubmed.ncbi.nlm.nih.gov/34888888/)). In 2016 she joined a laboratory of Dr. Derek Sant'Angelo at Rutgers University where she worked on her PhD thesis. Here she identified a novel subset of innate-like regulatory T cells that are essential for intestinal homeostasis and antitumor immune response (Sci Immunol. 2022, PMID: [PMC9709958](https://pubmed.ncbi.nlm.nih.gov/39799588/) ). Agata defended her thesis in December 2022. In February 2023 she joined Technology Discovery / Cell Line Generation team as a Scientific Lead at Loxo Oncology @ Eli Lilly in NYC.



**Michelle L. Zeliph, Ph.D.**

Microbiologist, R&D Product Microbiology

Actalent supporting Ethicon

<https://www.linkedin.com/in/michelle-zeliph>

I graduated in October 2022 with a Ph.D. in Microbial Biology from the School of Graduate Studies at Rutgers-New Brunswick. I have been working for almost a year in the R&D Product Microbiology laboratory at Ethicon in Raritan, NJ. In my current role, I design and carry out experiments to evaluate the effectiveness of antimicrobial medical devices. I support everything from new product development to products currently on the market.



**Nicole Torosin, PhD**  
Bioinformatics Scientist  
Tally Health  
[nicole@tallyhealth.com](mailto:nicole@tallyhealth.com)

Nicole Torosin, PhD, is a bioinformatics scientist at Tally Health. Tally Health's goal is to make healthy aging accessible through a combination of biological age testing and personalized lifestyle recommendations designed to slow aging. She obtained her PhD in biological anthropology at University of Utah studying genetic evolution of yellow fever virus resistance in howler monkeys. From 2019-2022 she was a postdoctoral researcher in Dr. Christopher Ellison's lab in the genetics department at Rutgers University studying the evolution of chromatin folding in *Drosophila*.



**Kai-Ti Chang, PhD**  
Senior Scientist  
Regeneron  
[kaitichang@gmail.com](mailto:kaitichang@gmail.com)

Kai-Ti is working as a Senior Scientist in Protein Biochemistry Group at Regeneron and focusing on antibody characterization in late-stage development. During his PhD training in University of Maryland at College Park, he worked on mitochondria-mediated apoptosis, a voltage-dependent protein by electrophysiology, and enzyme kinetics. As a postdoc in Rowan University, he was working on understanding how a transcriptional protein is involved in apoptosis by cellular and biochemical assays. In this period of time, he explored opportunities in industry by participating in iJOBS events, including SciPhD and an iJOB course. In the middle of 2020, he started his industrial journey at Euprotein, a CRO, as a Senior Scientist to generate protein reagents from mammalian cells to meet customer's expectation. Then he joined as a Research Scientist at Integral Molecular, where his responsibilities were evaluating antibody developability by cellular, biochemical and biophysical analysis.



**Stephania Guzman, PhD**  
Clinical Trial Project Manager  
Eli Lilly  
[guzman\\_diaz\\_stephania@lilly.com](mailto:guzman_diaz_stephania@lilly.com)

Stephania Guzman Diaz graduated from Rutgers University with a PhD in Molecular Pharmacology. During her graduate career she worked on mouse models of Non-Alcoholic Fatty Liver Disease (NAFLD)/Diabetes and ways to treat the disease in vivo. She holds a bachelor's in forensic science from John Jay College. She joined Eli Lilly in 2022 as part of the Leadership Development Program. In her first rotation at Lilly, she worked with the Business Development group under Catalyze to provide capabilities for the external biotech space. In her current rotation, she is working as a Clinical Trial Project Manager on Ph3 studies for Diabetes. Prior to Lilly, she worked as a research study assistant at Memorial Sloan Kettering Cancer Center within the melanoma clinical trials.



**Hüseyin Ergüven, Ph.D**

Medicinal Chemist

Paraza Pharma

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I received my bachelor's degree in chemistry from Bilkent University, Turkey. After graduation, I moved to Montreal to pursue my PhD from McGill University. My studies focused on developing synthetic methods for novel organic structures. This research involved both small molecules and polymeric materials. Then, I relocated to New Jersey for my postdoctoral research at Rutgers University, Chemistry and Chemical Biology department, where I worked on synthesis and applications of molecular detectors that can sense harmful chemical species. In this regard, I delved into the field of chemical biology, while utilizing my background in organic chemistry. Since summer of 2022, I've been working at Paraza Pharma, Montreal, as a medicinal chemist.