

USC-Neurocrine Biosciences POSTDOCTORAL FELLOWSHIP PROGRAM 2023-2025



IN PARTNERSHIP WITH
USC School
of Pharmacy

About Neurocrine Biosciences

Neurocrine Biosciences® is a leading neuroscience-focused biopharmaceutical company with a simple purpose: to relieve suffering for people with great needs, but few options.

Neurocrine is dedicated to discovering and developing life-changing treatments for patients with under-addressed neurological, neuroendocrine, and neuropsychiatric disorders. The company's diverse portfolio includes U.S. Food and Drug Administration (FDA)-approved treatments for tardive dyskinesia, Parkinson's disease, endometriosis*, and uterine fibroids*, as well as clinical programs in multiple therapeutic areas. For three decades, Neurocrine has applied its unique insight into neuroscience and the interconnections between brain and body systems to treat complex conditions. The company relentlessly pursues development of medicines to ease the burden of debilitating diseases and disorders.

*in collaboration with AbbVie



Products and Pipeline

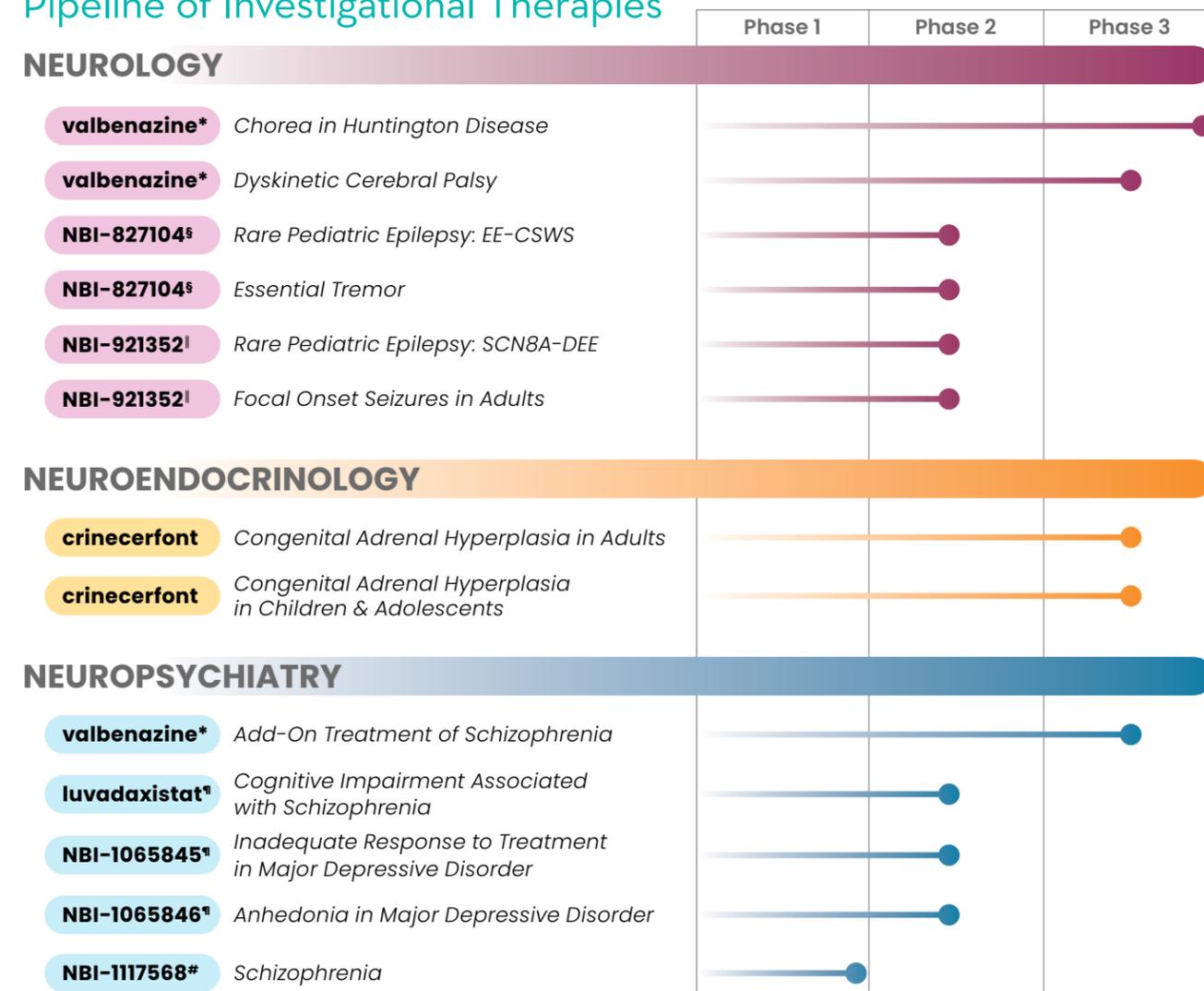
Commercially Available Medicines (U.S. only)

Delivered four approved treatments in four indications in three years:

- Tardive Dyskinesia
- Parkinson's Disease
- Endometriosis
- Uterine Fibroids



Pipeline of Investigational Therapies



* Mitsubishi Tanabe Pharma Corporation has commercialization rights in Japan and other select Asian markets.

† Under license from Bial

‡ AbbVie has global commercialization rights.

§ Licensed from Idorsia Ltd.

|| Licensed from Xenon Pharmaceuticals, Inc.

¶ Licensed from Takeda Pharmaceutical Company Limited.

Licensed from Sosei Heptares.

As of August 1, 2022

About USC School of Pharmacy

The USC School of Pharmacy is the only private pharmacy school on a major health sciences campus, which includes the Keck School of Medicine, Keck Hospital of USC and the USC Norris Comprehensive Cancer Center and is immediately adjacent to the LAC+USC Medical Center, one of the largest public hospitals in the country.

Ranked by US News and World Report as a top ten pharmacy school nationwide and #1 among private schools.

The USC School of Pharmacy is recognized for its century-old reputation for innovation in pharmaceutical education, clinical practice, and research. The School uniquely spans the entire spectrum of pharmaceutical development and clinical care – from drug discovery to regulatory approaches that promote safety and innovation, and from delivery of patient care services to evaluating the impact of care on patient outcomes and costs.



Letter from the Neurocrine Directors

Dear Candidates,

As you consider the next chapter in your professional career, we would like to thank you for your interest in exploring our USC-Neurocrine Biosciences Industry Fellowships. The growing biopharmaceutical industry provides an incredible opportunity for those looking for a diverse and engaging profession.

As founders and directors of the fellowship program here at Neurocrine, we are committed to providing experiences that will help shape the future leaders in Medical and Regulatory Affairs. To guide and prepare our fellows for a career in industry, our program offers a wealth of mentorship, diverse training, and numerous opportunities within the core medical and regulatory functions. Our fellows become part of our team. They will contribute to multidisciplinary groups and build relationships across various departments and functions. Moreover, we have seasoned preceptors and the support of a company committed to its employees and the patients we serve. Our culture of integrity, innovation, inclusiveness, and collaboration creates an atmosphere which promotes amazing opportunities for our employees and fellows. By working together, we are committed to focusing on improving more lives of patients through a strong and expanding pipeline, a growing workforce, supporting our local community, and staying passionate about our science. This is an exciting time at Neurocrine!

Best of luck as you explore the different opportunities available to you, and we strongly encourage you to consider our Fellowship. On behalf of Neurocrine, we wish you much success in finding the program that is the best for you.

Sincerely,

Paul Minne, PharmD
Medical Science Liaison,
Senior Director

Khody Farahmand, PharmD
Medical Communications,
Executive Director

Darshna Patel
Regulatory Affairs Strategy,
Executive Director

At Neurocrine Biosciences we pride ourselves on having a strong, inclusive and positive culture based on our shared mission and values.

Fellowship Preceptors



Medical Communications Fellowship Preceptor Kira Aldrich, PHARM D

Manager, Medical Communications / Neurocrine Medical Affairs Fellow, 2020-2021

Kira Aldrich is the Medical Information and Content Development Lead for tardive dyskinesia and psychiatry pipeline products. In this role, she leads the strategic development of medical content, and delivers fair and scientifically balanced responses to medical information inquiries. Before starting this role, Kira was the inaugural post-doctoral fellow at Neurocrine and completed a Medical Affairs fellowship in 2021. Kira received her BS in Molecular Neuroscience from The Ohio State University and her PharmD from the University of Maryland, Baltimore.



Field Medical Affairs Fellowship Preceptor Diane Darling, RPh, PHARM D, BCGP

Senior Medical Science Liaison

Diane Darling is a Psychiatry Medical Science Liaison for the Great Lakes region, joining Neurocrine in 2017. In this role, she interacts with Key Opinion Leaders and Health Care Providers who are on the forefront of psychopharmacology, providing them with medical education and scientific exchange. Diane enjoys working with clinical trial sites and investigator-initiated trials. Diane received her BS in Pharmacy at The Ohio State University and her PharmD at University of Florida. Prior to working in pharmaceuticals, Diane worked in Long-term Care as pharmacist in charge, consultant pharmacist, and preceptor for interns. She is a Board-Certified Geriatric Pharmacist, with special interest in geriatric psychiatry. She remains active in the American Society of Consultant Pharmacists, where she is a past board member.



Regulatory Affairs Fellowship Preceptor Valmik Doshi, MS RAHP

Senior Regulatory Affairs Strategy Manager, Regulatory Affairs

Valmik is the US Regulatory Lead for Neurocrine's clinical stage schizophrenia disease compounds. In his role he leads and participates in the development and execution of US and Global regulatory strategies in conjunction with Global Regulatory Leads and cross-functional team members. Prior to joining Neurocrine, Valmik spent ~8+ years in regulatory affairs at Alkermes, Takeda, and Infinity Pharmaceuticals, and has worked within CNS and Oncology therapeutic areas. Valmik has a BS in Pharmacy and received his MS in Drug Regulatory Affairs and Health Policies from the Massachusetts College of Pharmacy and Health Sciences, Boston.

Current Fellows



“This Medical Communications fellowship has offered me countless opportunities to gain a strong understanding of various functional areas, while allowing me to build a solid foundation in Medical Information and Content Development. Through the unique structure of this program, I am able to develop professionally through cross-functional collaborations, as well as contribute to projects that align with my professional interests. I am confident that with the support of my incredible mentors and team at Neurocrine, I will be equipped with the tools to achieve my goals of establishing better patient outcomes as a well-versed Medical Affairs professional.”

- Mai Ono, PharmD
Medical Communications Fellow, 2022-2023



“As the Field Medical Affairs/MSL fellow at Neurocrine, I have had the opportunity to expand my knowledge and build meaningful professional relationships. My team is dedicated to creating a unique learning experience that is customized to my goals and interests, providing me with all the resources necessary to succeed in my career. The fellowship provides many opportunities to work cross-functionally and collaborate with colleagues throughout the organization.”

- Bahador Aghakoochek, PharmD
Field Medical Affairs Fellow, 2022-2024



“As Neurocrine’s inaugural Regulatory Affairs Fellow, I am excited to see this program grow and flourish. I am grateful for the hands-on experiences I am getting across various functions in regulatory affairs covering Strategy, Operations, CMC, Advertising and Promotion, and Labeling. To gain a deeper understanding of the organization, this fellowship is providing opportunities to work in various cross-functional departments such as Project Management. With the support of the team and my amazing mentors, I am getting a uniquely catered set of experiences needed to quickly become a seasoned regulatory affair professional and succeed in my career goals.”

- Bryan Stender, PharmD
Regulatory Affairs Fellow, 2022-2023

Fellowship Alumni



Medical Affairs Fellow, 2020-2021
Kira Aldrich, PharmD

Kira Aldrich was the first fellow to participate in the USC-Neurocrine post-doctoral fellowship program. During her Medical Affairs fellowship, she supported content development, medical information, HEOR, publications, and field medical affairs. Now serving as preceptor of the Medical Communications Fellowship, Kira states she’s grateful for the opportunity to give back to a program that was so instrumental in her own career development, and to continue building this program for future fellows.



Medical Affairs Fellow, 2021-2022
Ivy Bien, RPh, PharmD, MS
Senior Specialist, Medical Communications

Ivy Bien is the Content Development Lead for the VMAT2 pipeline indications in Medical Communications for Huntington disease, dyskinetic cerebral palsy, and add-on treatment of schizophrenia. As a fellow in Medical Affairs, she gained unique experiences working in-house, creating medical content and supporting medical information, as well as external roles in Field Medical Affairs, clinical development, HEOR, and publications. She received her BS in Biological Sciences at UC Santa Barbara, and PharmD and Masters in Healthcare Decision Analysis at the University of Southern California.



Field Medical Affairs Fellow, 2021-2022
Ava Bamdad, PharmD
Neurology Medical Science Liaison

Ava Bamdad is the Southwest Neurology MSL supporting both marketed products and the neurology pipeline. Prior to becoming an MSL, Ava was the first Field Medical Affairs fellow at Neurocrine where she gained hands-on experience both in-house and in the field, which has prepared her to be a well-rounded MSL. Ava received her BS in Biology from UC Irvine and PharmD from University of Southern California.

Medical Communications Fellowship

The one-year Medical Communications Fellowship is designed to provide the trainee a broad understanding of the various roles and responsibilities within Medical Communications with an in-depth focus on Medical Information and Content Development. The fellowship will provide training activities that support company goals; as well as developmental opportunities through broad-based hands-on experiences and mentorships that integrate them into several medical strategic initiatives. Upon completion of the program, the Fellow will be better prepared for the challenges of a Medical Affairs career in the pharmaceutical industry.

Fellowship Objectives

- Train as a core member of the Medical Communications team to gain insight into the various roles and responsibilities of careers within this department
 - Medical Information: Deliver accurate, fair-balanced, evidence-based information to patients and healthcare professionals
 - Medical Content Development: Create, manage, and update key resources to communicate disease state information and clinical data on both approved and pipeline products
 - Publications: Train in cross-functional teams to assist with the execution of the strategic publication plans
 - Medical Training: Collaborate with key internal stakeholders to support the development of educational materials based on Neurocrine therapies and disease states
- Collaborate with key cross-functional internal partners including Field Medical Affairs, Health Economics and Outcomes Research, Regulatory Affairs, and Clinical Development
- Identify medical team needs and data gaps, and collaborate internally to help drive appropriate solutions and projects
- Develop, implement, and present a longitudinal research project
- Serve as a rotation preceptor to pharmacy students
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at the University of Southern California with the opportunity to complete a Certificate in Regulatory Sciences
- Participate in the University of Southern California, School of Pharmacy Professional Development and Leadership Retreat



Field Medical Affairs/MSL Fellowship

The two-year Field Medical Affairs/Medical Science Liaison (MSL) Fellowship is designed to provide the trainee with a comprehensive understanding of the MSL role and insight into the various roles within Medical Affairs. The fellowship will provide training activities that support company goals, as well as developmental opportunities through broad-based, hands-on experiences and mentorships that integrate the Fellow into several Medical Affairs strategic initiatives. Upon completion of the program, the Fellow will be better prepared for the challenges of an MSL career in the pharmaceutical industry.

Fellowship Objectives

- Gain Medical Science Liaison experience and training in the field by learning to build collaborative KOL relationships, effective communication skills, participate in scientific data exchange, and apply the medical strategy during real life HCP interactions
- Collaborate with key cross-functional internal partners within Neurocrine, including the Managed Care Liaisons, Medical Communications, Medical Information, Health Economics Outcomes Research, medical directors, clinical development, compliance, regulatory, and marketing personnel
- Participate in MSL certification and presentation skill development
- Train as a core member of the Field Medical Affairs team to assist in providing accurate, fair-balanced, evidence-based information about Neurocrine approved and pipeline products to internal stakeholders and external customers
- Identify medical team needs and data gaps, and collaborate internally to help drive appropriate solutions and projects
- Support the product speakers' bureaus
- Gain an understanding of research initiatives through active participation in site nominations, study initiation visits, data dissemination, and the Investigator Initiated Trial (IIT) process
- Develop, implement, and present a longitudinal research project
- Serve as a rotation preceptor to pharmacy students
- Mentor first year Fellow in the second year
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at the University of Southern California with the opportunity to complete a Certificate in Regulatory Sciences
- Participate in the University of Southern California, School of Pharmacy Professional Development and Leadership Retreat



Regulatory Affairs Fellowship

The one-year Regulatory Affairs (RA) Fellowship is designed to provide a broad understanding of the various roles and responsibilities within Regulatory Affairs, including Strategy, Chemistry Manufacturing and Control, Advertising and Promotion, and Publishing, as well as having the opportunity to work on projects in other cross-functional departments such as Quality Assurance, Project Management, and Medical Writing.

The Fellowship will provide hands-on training, experience and mentorship while working with cross-functional partners on Neurocrine developmental programs. The fellow will play a key role in facilitating timely submission of documents to regulatory agencies. In addition, the fellow will have opportunities to work on several projects inside and outside of RA in collaboration with other departments as part of a comprehensive training program.

Upon completion of the program, the fellow will understand the various Regulatory Affairs functions and interactions with key cross-functional partners.

Fellowship Objectives

- Train as a member of the Regulatory Affairs team to gain insight into the various roles within Regulatory Affairs and other functional groups
- Interact with cross-functional partners, including Clinical, Manufacturing, Research and Development, Drug Safety, Toxicology, Clinical Pharmacokinetics, Quality Assurance, Project Management, Medical Writing, Publishing, Medical Affairs, and Marketing, to discuss issues specific to Regulatory Affairs, and apply the information acquired
- Review scientific documents supporting regulatory filings, review current regulations and guidelines, and perform other regulatory intelligence, as needed
- Gain knowledge of overall drug development procedure and the role Regulatory Affairs play in devising drug development plan and product approval
- Identify regulatory team needs and data gaps and collaborate internally to help drive appropriate solutions and projects
- Develop, implement, and present a longitudinal research project
- Serve as a rotation preceptor to pharmacy students
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at the University of Southern California with the opportunity to complete a Certificate in Regulatory Sciences
- Participate in the University of Southern California, School of Pharmacy Professional Development and Leadership Retreat



Candidate Application Information

Requirements

- PharmD, MD, or PhD in applicable field from an accredited university within previous 5 years
- Good oral and written communication skills, ethics, professionalism, leadership, and an interest in the biopharmaceutical industry
- Minimum GPA of 3.0

How to Apply

- The application process will open on October 1, 2022
- The USC Postdoctoral Fellowship Portal can be accessed online at <https://provost.sma.usc.edu/prog/fellowship>
- You will need to submit the following to USC:
 - Email addresses of three references
 - Curriculum Vitae (CV)
 - Letter of intent
 - Official professional or graduate school transcripts
- In addition to applying through USC, please submit a Curriculum Vitae and Letter of Intent through American Society of Health-System Pharmacists' (ASHP) Personal Placement Service (PPS) to request a first-round interview
 - Application materials are due to PPS by November 30, 2022
 - PPS portal opens October 5
- Final interviews will be conducted at the ASHP Midyear Clinical Meeting, which will take place the week of December 4-6
- Final due date for all application documents to USC is December 9, 2022
- Program starts on July 1, 2023

Points of Contact

For more information, please contact:

University of Southern California

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Neurocrine Fellows

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Field Medical Affairs Fellow, 2022-2024
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