



Post-Doctoral Pharmaceutical Industry Fellowship

Medical Affairs | 2023-2024

www.mannkindcorp.com

mannkind

USC School
of Pharmacy

our mission

to give people control of their health and the freedom to live life

who we are

At MannKind, we are driven to find new ways to change lives for the better. Our team of passionate scientists, researchers, and professionals focuses on innovative approaches to diabetes and orphan lung diseases. We develop and commercialize new ways to help more people truly thrive—and to live **life more humannSM**.

medical affairs

Westlake Village, CA



manufacturing facility

Danbury, CT



Our Medical Affairs department is located in CA, and our state-of-the-art Manufacturing Facility is in CT. We also have a field-based Medical Education team who communicates with healthcare practitioners nationwide.

Technology for truly thriving

For too long, many fast-acting medications have required injections—and all the pain and all the challenges that may come with them. MannKind's Technosphere® Technology is an innovative, dry-powder formulation technology that allows medication to be delivered through the lungs instead.

Technosphere® Technology can be applied to a number of important therapeutic areas, including diabetes, respiratory diseases, and other conditions requiring acute drug delivery.



pipeline and collaboration

Our research and development pipeline is full of potential pathways to a world where people can truly thrive.

Explore our pipeline and collaborations
www.mannkindcorp.com/pipeline

publications

Explore our publications library. See how our technologies and therapies can help more people take control of their health.

Learn more at
www.mannkindcorp.com/publications



our partner

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 the #1 private pharmacy school in the country, 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, from delivery of patient care services, to evaluating the impact of care on patient outcomes and costs. The school holds an essential leadership role in the safe, efficient, and optimal use of medication therapy that can save lives and improve the human condition.

meet our team

learn, grow, and collaborate



Lorena Griparic, Ph.D.

Director, Medical Affairs & Safety

Director, USC-MannKind Post-Doctoral Fellowship Program

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Alma Mater: Florida State University

Post-Doctoral Fellowship: University of Geneva; UCLA

why MannKind?

MannKind has cutting-edge patented technology in diabetes. Fellows will engage in a plethora of project teams and be an active contributor immediately to MannKind and the patients we serve. After fellowship completion, they are fully prepared and trained for full-time careers in the pharmaceutical industry.

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Kaydee Soo, PharmD

2022-2023 Post-Doctoral USC-MannKind Fellow

Alma Mater: USC School of Pharmacy

ksoo@mannkindcorp.com

why MannKind?

As someone who came from an inpatient background with an interest in pharmaceuticals, I was looking for a fellowship where I could develop a comprehensive understanding about industry and its processes. During my interviews, I received a warm welcome from the Medical Affairs team and their kindness gave me the confidence to believe that I would be surrounded by caring and motivated people. Since starting my fellowship at MannKind, my directors and colleagues have been supportive of my goals and pivotal in guiding me through different processes and cross-trainings in multiple departments. Because of this, I now have a better understanding of the enormous amounts of effort that go into developing and providing safe and effective novel therapies for our patients. My goal at MannKind is to use my clinical background as a PharmD, combined with the new skills I gain here, to make an impact on diabetes patients all over the world.



Avet Manukyan, PharmD

2022-2023 Post-Doctoral USC-MannKind Fellow

Alma Mater: UCSF School of Pharmacy

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why MannKind?

The Medical Affairs fellowship program at MannKind is closely aligned with my interests. Working at MannKind, I get to see the benefits of the projects that I am part of and how my work contributes to our company's goals. Being an integral part of a team that works cross-functionally is really engaging for me. I've been exposed to and worked with a few cross functional teams within my short time here. The invaluable support and guidance that I receive from my colleagues has provided an environment for growth and development. My mentor has been an instrumental part of my involvement here and I get the support I need to pursue impactful projects. MannKind is the right pick for me because here I'm able to gain lots of new experiences and learn about the various components of the pharmaceutical industry.

why join our fellowship?

learn about our program within the Medical Affairs department

a unique experience.

At MannKind, fellows will gain exposure and practice experience in the Medical Affairs functional sub-specialty in the biopharmaceuticals industry. Fellows will develop, participate, and be an integral team member on business priorities, such as:

- Medical Information Contact Center and vendor management
- Field-based Medical Communications (i.e. Medical Education collaboration)
- Medical Congress planning and attendance
- Publication planning
- Advisory Board development
- Investigator-initiated trials
- Phase 1-4 Studies (i.e. design, development, implementation)
- Exposure and collaboration with various internal departments: Clinical Development, Regulatory Affairs, Pharmacovigilance, Marketing, Sales, Business Development, etc.

In addition, fellows will have many opportunities on project teams to develop and refine leadership, communication, decision-making, interpersonal, and influence skills.

continued growth.

At USC School of Pharmacy, fellows will have scholastic and academic opportunities, including:

- Taking professional coursework and completing certificate programs
- Lecturing industry elective courses
- Teaching and mentoring senior rotational pharmacy students at host company
- Recruitment and selection of the next class of USC post-doctoral fellows

program requirements

To be considered for the USC-MannKind Pharmaceutical Industry Fellowship program, you must have obtained:

A Pharm.D. from an accredited school of pharmacy within 5 years of initial appointment, and a minimum doctoral GPA of 3.0.

To apply, you will need the following items:

- CV/Resume
- Letter of Intent
- 3 professional letters of recommendation
- Official pharmacy or graduate school transcripts

Prospective fellowship candidates will be invited to interview with the MannKind Team at PPS during the 2022 ASHP Midyear Meeting.

Additional information, as well as application requirements and instructions are available at:
<https://pharmacyschool.usc.edu/programs/fellowship>

Program Length: 1 Year (July 1, 2023- June 30, 2024)

Application Deadline: November 30, 2022

