Amicus Therapeutics, Inc.
Pharmaceutical Industry Fellowship Program 2020

1 Two-Year Global Medical Affairs Position
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Amicus Therapeutics is a global, patient-dedicated, biotechnology company focused on discovering, developing, and delivering high-quality medicines for people living with rare metabolic and genetic diseases. Amicus’s global footprint now spans 27 countries, including global headquarters based in Cranbury NJ, and an international headquarters site outside of London in Marlow, UK. Additional international office locations include Australia, Canada, Germany, Italy, The Netherlands, Spain, France and Japan. Amicus Therapeutics is now expanding commercial operations into South America, including Argentina, Brazil, and Colombia.

The accelerated approval and increasing commercial availability (including the U.S., EU, and Japan) of Galafold® (migalastat) for the treatment of certain patients with Fabry disease, Breakthrough Therapy Designation (BTD) for a potential best-in-class dual agent approach for Pompe disease (AT-GAA; ATB200/AT2221), and the acquisition of promising gene therapy programs (including those for rare neurological disorders) has placed Amicus Therapeutics at the forefront of the biotechnology industry in terms of developing potential new treatments for rare genetic diseases.

Recently, Amicus Therapeutics opened a world class Global Research and Gene Therapy Center in Philadelphia, PA, where the company collaborates with top gene therapy researchers at the University of Pennsylvania and other renowned institutions.

Amicus Therapeutics is a biotechnology company at the forefront of advanced therapies to treat a range of devastating rare and orphan diseases.
Reaching Patients Across the Globe

With an established presence in **27 countries worldwide**, Amicus is a global organization, united by a passion for making a difference.

**GLOBAL HQ**
Cranbury, NJ

**INTERNATIONAL HQ**
Marlow, United Kingdom

**RESEARCH AND GENE THERAPY COE**
Philadelphia, PA

**ADDITIONAL STAFF PRESENCE IN:**
- Argentina
- Austria
- Belgium
- Brazil
- Croatia
- Czech Republic
- Finland
- Greece
- Hungary
- Israel
- Norway
- Portugal
- South Korea
- Sweden
- Taiwan
- Turkey
- China
  - (Manufacturing Operations)

**Living in the Light of Rare and Orphan Diseases**
Artist renderings of the 75,000 square foot Amicus Global Research & Gene Therapy Center of Excellence in Philadelphia, which will be fully operational by the end of 2019, and is adjacent to the University of Pennsylvania campus.
A RARE OPPORTUNITY

The Inaugural Rutgers-Amicus Therapeutics Fellowship

In collaboration with the prestigious Rutgers Pharmaceutical Industry Fellowship (RPIF) Program, Amicus Therapeutics is proud to introduce a comprehensive and unique experience in Global Medical Affairs, with a focus in rare and orphan diseases.

At Amicus, our patient-centricity isn’t just a tag line on our website—it’s something we live. Our goal to leverage extraordinary science to develop medicines that can fundamentally change the lives of patients with rare diseases is paramount.

Global Medical Affairs (GMA) sits at the center of this dynamic organization, functioning as an umbrella of business and scientific disciplines. GMA functional areas include Global Medical Information, Publications (Scientific Communications), Field Medical (including U.S. MSLs and internationally based Medical Directors and advisors), and Medical Strategy. This group of dedicated staff work together to provide an integrated medical communication platform for Amicus Therapeutics.

Our two-year fellowship program in GMA will provide robust guidance to the successful candidate, while allowing flexibility for the fellow to explore opportunities to help achieve career goals. Our preceptors include healthcare professionals who have direct experience with the Rutgers Fellowship Program as members of other organizations, and are proven, extraordinarily effective mentors.

We are seeking an outstanding inaugural fellowship candidate, a self-starter and trailblazer who will embrace the challenge of contributing to an exceptional program within a rare organization: Amicus Therapeutics.
Rutgers-Amicus GMA Post-Doctoral Fellowship Program Goals:

• Offer a unique fellowship experience in a dedicated rare disease biotechnology company;
• Provide comprehensive training with respect to disease state(s) and product(s) and/or investigational agents to which fellow will be assigned;
• Provide the opportunity to experience major facets of a Global Medical Affairs department;
• Expose the fellow to the strategies and tactics of providing medical support to a marketed product (i.e., Galafold® [migalastat] for certain patients with Fabry disease), as well as the clinical programs investigating other Amicus pipeline assets, including cutting-edge gene therapies;
• Collaborate with Amicus cross-functional teams domestically and internationally including Regulatory Affairs, Commercial (brand) teams, Compliance, and Clinical Development;
• Experience the unique, dedicated focus and support Amicus Therapeutics provides to patients with rare diseases, and the patient caregivers, through Patient & Professional Advocacy;
• Understand the challenges of operating in a global environment, with countries and regions having unique legal, compliance, and regulatory standards, with a focus on treating patients with rare diseases;
• Offer program flexibility within a structured environment in order to match the talents and interests of the fellow with the business needs of the department and the organization;
• Develop the fellow’s interpersonal communication and presentation skills;
• In conjunction with the Rutgers component of the partnership, provide overall mentorship and experiences to ensure that the participating fellows are well-trained and confident to achieve a successful career in the pharmaceutical/biotechnology arena upon program completion.
"Amicus is dedicated to bringing life-changing medicines to people living with rare diseases. We are pleased to welcome the Rutgers-Amicus Post-Doctoral Industry Fellowship to our company. The fellow will have the opportunity to work with experienced professionals who are eager to share their knowledge, are collaborative, and are focused on improving patients’ lives. Amicus has cutting-edge science and global clinical development and commercial experience. The company is committed to developing gene therapies to treat multiple devastating orphan diseases. At Amicus, the fellow will not only learn but also contribute meaningfully to our mission to help patients."

Jay Barth, MD | Chief Medical Officer | Amicus Therapeutics

"As the leader of Global Medical Affairs at Amicus, I am very proud that our department will host the inaugural Rutgers-Amicus Post-Doctoral Industry Fellowship. Working with dedicated Global Medical Affairs preceptors and internationally-based staff, it is our expectation that the chosen fellow will become an integral and valued member of the team, whose contributions are recognized as being critical to the success of Amicus in bringing innovative medicines to patients with rare diseases.

Randi Fain, MD | Vice President, Global Medical Affairs | Amicus Therapeutics

"As a former faculty member with Rutgers Ernest Mario School of Pharmacy, and the founding preceptor for the Rutgers Post-Doctoral Industry Fellowship at two major pharmaceutical firms, I am well acquainted with the tremendous opportunity that this program offers to those select individuals seeking a successful career in the industry. Amicus Therapeutics is an exceptional company with international reach, having as its sole mission to find treatments and potential cures for patients living with rare or orphan diseases. Based on the collective mentoring experience in the industry of our preceptors, cutting-edge science, and a progressive organizational culture that puts patients first, we at Amicus Therapeutics are well-positioned to launch a unique training and experiential fellowship program in Global Medical Affairs for those trailblazing individuals who seek challenge and professional reward."

John Raia, PharmD | Director, Global Medical Information | Co-Lead/Preceptor, Rutgers-Amicus Post-Doctoral Fellowship Program | Amicus Therapeutics
"It is easy for pharmaceutical companies to say they are patient centric, but in the humdrum of the day-to-day activities, the patient ends up being lost in the mix. Amicus has not only made the patients our mantra, but our entire mission as well. We often meet monthly with patients and clinicians who have/treat a rare disease and listen to them advocate for more disease awareness. We empathize with the families of the patients, hear their stories, and witness the conviction and strength they have to find a cure for their loved ones. It is a unique company that makes you thankful for what you have every day and reminds you of why we are all here. It is more than just a job. Amicus is a family. Amicus is a family for those patients who have no one else to turn to and rely on our team of brilliant scientists for help. Scientists who they HOPE will one day find them a cure. Working for Amicus is rewarding for me in many ways."

Zahra Rizvi, PharmD | Sr. Manager, Global Medical Information | Preceptor, Rutgers-Amicus Post-Doctoral Fellowship Program | Amicus Therapeutics

"Medical Affairs Fellowship provides an amazing opportunity for the incoming fellow to immerse themselves in an environment driven by the commitment to help patients every day. The fellow will have the opportunity to work with key stakeholders of the Global Medical Affairs team who are eager to persevere and innovate for the betterment of patients with rare diseases. Not only will this fellow be able to bring valuable insights to the table but they will also be able to experience the amazing energy from each member of the Amicus family. Amicus is truly A Rare Company and the incoming fellow will have A Rare experience!"

Manas Raval, PharmD | Manager, Global Medical Information | Preceptor, Rutgers-Amicus Post-Doctoral Fellowship Program | Amicus Therapeutics

"The history of Amicus is truly inspirational, and being part of the company, I admire the level of dedication that each and every employee has for patients. At Amicus, every sentence ends with, "What does this mean for our patients?" It is motivating to see that in this fast paced world, an organization like this can take a step back to see things from the other end of the spectrum. Amicus not only values the patients we work so hard in helping, but also their caregivers and health care professionals. The employees here are always reminded of how integral we are to the success of the company, and that success is defined by what we accomplish for our patients. Being a part of such a committed company, our fellowship program will provide a unique and meaningful training and experience."

Jyotiben Arya, PharmD | Associate Director, Publications | Preceptor, Rutgers-Amicus Post-Doctoral Fellowship Program | Amicus Therapeutics

"The atmosphere at Amicus is seemingly too good to be true and one needs to experience it personally to believe it. Amicus is a uniquely patient-focused company with patient portraits and stories greeting you at every corner. The Lunch and Learns allow you to meet patients, caretakers, and advocates directly, sparking your interest and elevating your devotion to the cause. The desire to make an impact pulses through the air here. The passion is contagious and makes you want to get up in the morning to get things done. It is a company where you want to work hard because not only do you see the results of your work first-hand, but you also feel appreciated in the process. As a fellow you have an amazing opportunity to engage on all levels; the people are very amicable, intelligent, and humble. Everyone has high standards for themselves and others, making it a workplace that motivates you to be your best self every day."

Irina Katz, PharmD | Fellow, Amicus Therapeutics | BioNJ’s Entrepreneurship Fellowship Program
Global Medical Affairs Fellowship-Selected Activities and Experiences

First Fellowship Year

Available Experiences*

Global Medical Information (GMI)
GMI interacts with virtually all functional groups at Amicus, providing comprehensive responses to internal and external inquiries. Goals and Experiences include:

• Develop subject matter expertise for assigned Amicus product(s) and associated therapeutic area(s);
• Research assigned medical information inquiries from global sources, including utilization of medical resources, clinical knowledge, and scientific literature;
• Interact with domestic and international colleagues in various functional groups at Amicus;
• Actively participate in the creation and maintenance of regional and global MI scientific response documents by ensuring that responses are medically and scientifically accurate, timely, fair-balanced, and meet customer needs;

Scientific Communications
The development and management of effective scientific communications are essential to the successful commercialization and life-cycle management of pharmaceutical products. Goals and Experiences include:

• The fellowship experience in publications will involve achieving a thorough understanding of the processes involved in collaborating with external authors on abstracts, poster presentations, and slides for platform presentations, as well as the preparation of papers for journal publications;
• Provide medical writing and editorial support for the scientific publication development process.

Field Medical Affairs (U.S. Medical Science Liaisons)
Field Medical personnel (i.e., Medical Science Liaisons or MSLs) are responsible for establishing and maintaining relationships with healthcare professionals by engaging in scientific discussions regarding Amicus products, therapeutic areas of interest, and sponsored research. Goals and Experiences include:

• The fellow will participate in planning and project pull-through for training and other initiatives targeting MSL activities;
• The fellow will have the opportunity to accompany an established Amicus U.S.-based MSL during selected contacts with key opinion leaders and others who directly impact patient care in rare diseases.

Medical Strategy
Medical Affairs plays an integral, strategic role in the launch process and life-cycle management of products. Goals and experiences include:

• Collaboration between cross-functional GMA team members to deliver on key medical strategic imperatives, including advisory boards, proactive messaging, reactive medical communication, and publication strategy;
• Working with multidisciplinary preceptors within GMA, the fellow will support the execution of the Medical Strategy tactical plan, working across matrix teams (including Marketing, Field Medical, Medical Information, Patient & Professional Advocacy, Clinical Development, Legal and Regulatory);
• Independent Medical Education (IME/CME) and Investigator Initiated Studies (IIS).

Second Fellowship Year
The fellow will have the opportunity to concentrate their training and work experience in one of the above functional areas of Global Medical Affairs. The fellow, in collaboration with preceptors, may choose to develop a custom work experience that may blend experiences in one or more functional areas, and include working relationships with an Amicus department outside of Global Medical Affairs.

*It is expected that the fellow will have the opportunity to participate in up to four (4) individual experiences. Amicus will take into consideration the fellow’s preferences when assigning experiences, but reserves the right to modify the available opportunities and design of the program based on business needs.
**Program History**

In 1984, at Rutgers, The State University of New Jersey, the Ernest Mario School of Pharmacy and two pharmaceutical companies began a collaborative pilot program to evaluate the potential contributions of clinically-trained pharmacists within a pharmaceutical industry practice setting. Following the successful pilot, the Rutgers Pharmaceutical Industry Fellowship (RPIF) Program grew significantly and expanded to include 21 companies within the pharmaceutical and biopharmaceutical industries and over 200 fellows annually.

In 2002, Dr. Ernest Mario generously provided an endowment to establish the **Institute for Pharmaceutical Industry Fellowships** to enhance and promote the role of pharmacists in industry through the RPIF Program. The Institute staff members:

- provide leadership and administrative support;
- promote quality, communication, and scholarly activity; and
- arrange specialized fellowship training opportunities within the pharmaceutical and biopharmaceutical industries.

Recently in 2018, our program has expanded to offer interdisciplinary fellows’ training by adding select physician fellowship opportunities to our well-established program.

The RPIF Program has thrived under the leadership of the founder, Dr. Joseph A. Barone, Dean and Professor II of the Ernest Mario School of Pharmacy and Dr. Michael Toscani, Research Professor and the Director for the Institute for Pharmaceutical Industry Fellowships.

**2019 RPIF Program Certificate**

More than 1000 post-doctoral fellows have completed the RPIF Program, most of whom are pursuing influential and rewarding careers in the pharmaceutical and biopharmaceutical industries throughout the US and abroad. The RPIF Program has preceptors/mentors from industry who share their knowledge and experiences with the fellows through an intense but closely guided training program. Assignments and projects are challenging, meaningful, and designed to enhance understanding of the pharmaceutical and biopharmaceutical industries and the fellow’s functional area.
Professional Development Series

All fellows gather at Rutgers once or twice monthly as a group to participate in the Professional Development Day (PDD) Series, an important component of their training that complements the hands-on experience provided at the partner companies. The PDDs are steered by a committee of fellows and are designed to enhance the fellows’ presentation skills, emotional intelligence, promote connectivity and a sense of community among fellows from different companies and disciplines, develop new skill sets under the guidance of external trainers, and provide general knowledge about various aspects of drug development and issues facing the pharmaceutical and biopharmaceutical industries.

The fellows learn from each other through individual and group presentations and debates on topics and issues related to the pharmaceutical and biopharmaceutical industries. This dynamic forum provides an opportunity for open discussion and debate among fellows, Rutgers faculty, and company preceptors. In addition, outside experts provide training and professional development in a variety of areas (e.g., tools for corporate success; professional writing, presentations, meeting facilitation, negotiating, influencing, networking, and conflict resolution skills; giving and receiving feedback; and business and dining etiquette). Other PDD guest speakers include senior industry executives, patient advocacy groups, and successful RPIF Program alumni who share their insights and experiences. Importantly, PDDs provide an excellent opportunity for fellows to interact with each other and develop lasting personal friendships and a strong professional network of fellows, faculty, alumni, and other industry executives.

Key Program Features

The Rutgers Pharmaceutical Industry Fellowship Program FOSTERs the growth and development of future pharmaceutical and biopharmaceutical industry professionals through the following key program features:

- **Family of Leading Companies**—Partners include several of the top 21 global pharmaceutical and biopharmaceutical companies.
- **Outstanding Alumni Track Record**—Over 1000 alumni hold prominent positions at many leading companies.
- **Strong Network**—Over 200 fellows each year develop valuable, lasting connections with each other, alumni, preceptors and faculty.
- **The Pathway to Industry**—Since 1984, the Rutgers program has been nationally recognized, trusted, and proven as the pathway to industry for pharmacists.
- **Enhanced Career Path**—Increasingly challenging assignments build depth of experience and enhance the potential for an accelerated career path.
- **Rigorous Academic Component**—Rutgers affiliation provides academic and professional development opportunities.

Rutgers, The State University of New Jersey, with approximately 70,875 students in its three campuses, is one of the major state university systems in the United States. The New Jersey College of Pharmacy was founded in 1892 and was incorporated into the University in 1927. The Ernest Mario School of Pharmacy is part of Rutgers Biomedical and Health Sciences, the only state school of pharmacy in New Jersey, with approximately 1,300 students in its Doctor of Pharmacy program. The Rutgers Ernest Mario School of Pharmacy is located on the University’s main science and technology campus in Piscataway, New Jersey. Because of its close proximity to the nation’s leading pharmaceutical and biopharmaceutical companies, the Ernest Mario School of Pharmacy and the RPIF Program are uniquely capable of providing fellows with advanced training in the pharmaceutical and biopharmaceutical industries.
Application Process and Eligibility Requirements:

Fellows for the Rutgers Pharmaceutical Industry Fellowship Program are selected on a nationally competitive basis. Candidates must have completed a Doctor of Pharmacy degree from an ACPE accredited institution before July 1 of the fellowship term. Participation in the ASHP Midyear Clinical Meeting/PPS is strongly encouraged. Interested individuals may submit their application materials (curriculum vitae, three letters of recommendation and a letter of intent) beginning November 23, 2019 and complete a program interest form online by visiting our website at: pharmafellows.rutgers.edu

All application materials must be submitted electronically, and applicants are strongly encouraged to submit the above documents by December 1st.

Please address your Letter of Intent & Letters of Recommendation to:

Joseph A. Barone, Pharm.D., F.C.C.P.
Dean and Professor II
Ernest Mario School of Pharmacy
Rutgers, The State University of New Jersey
160 Frelinghuysen Road
Piscataway, NJ 08854-8020
Amicus Therapeutics Global Headquarters in Cranbury, NJ is conveniently located about halfway between New York City and Philadelphia, PA, less than 30 minutes from the Rutgers University Busch Campus in Piscataway, NJ, and about an hour drive to the Jersey Shore.

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