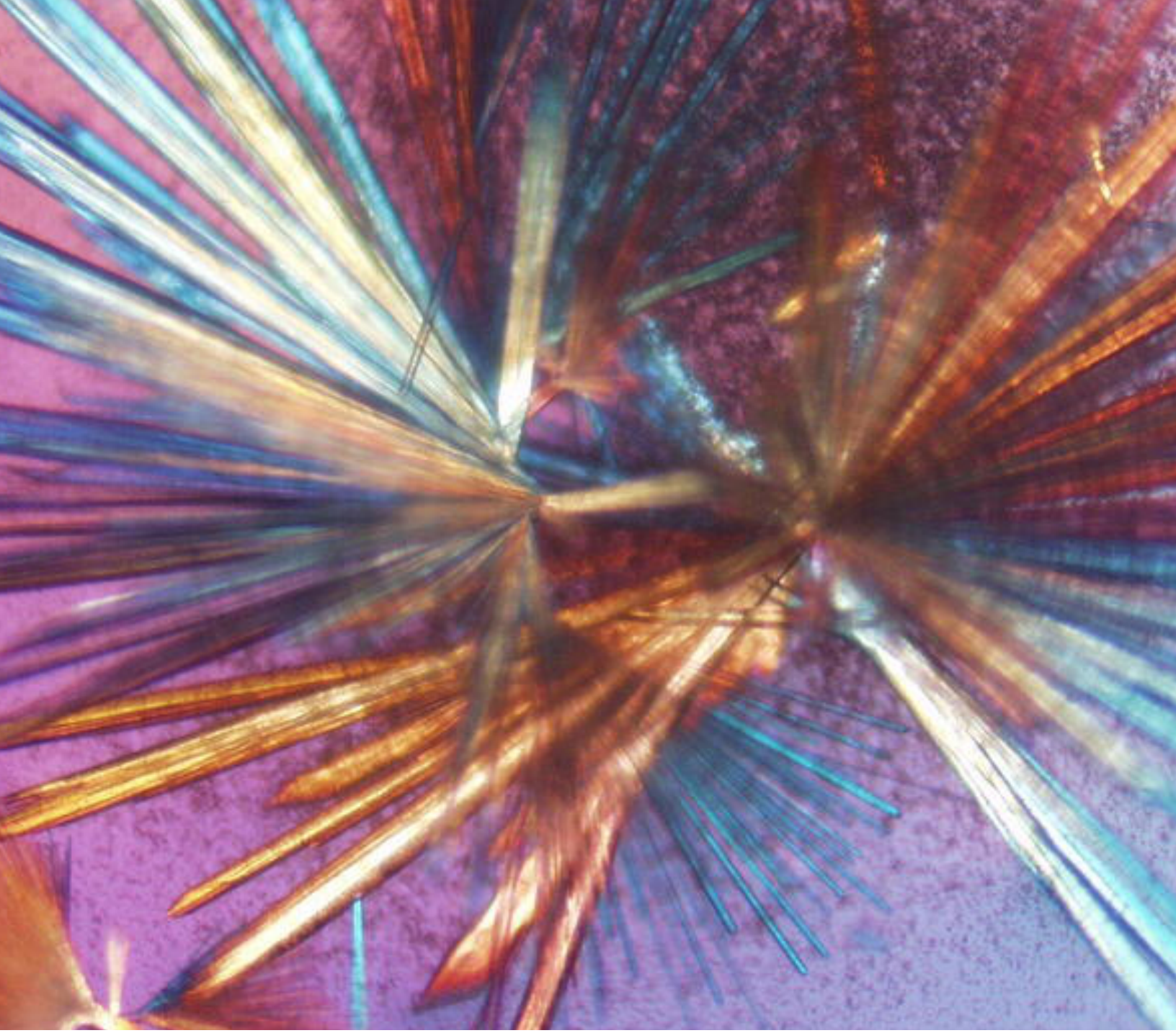

sanofi | HOWARD UNIVERSITY College of Pharmacy

PHARMACEUTICAL INDUSTRY FELLOWSHIP PROGRAM

2025 - 2027

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Dear Candidates,

We would like to thank you for your interest in the Post-Doctoral Pharmaceutical Industry Fellowship Program, in partnership with Howard University. Our Fellowship Program for PharmD, PhD, and relevant degree candidates provides experiential leadership opportunities including project management in diverse functional and therapeutic areas of Sanofi, supported by an experienced Steering Committee and dedicated Preceptors. It brings us immense pride to witness the growth of our program, with more than 20 Fellows currently at Sanofi hosted by R&D (Research & Development) and Specialty Care, including Global/US Medical, and Corporate Affairs.

Through this Fellowship Program, industry professionals at Sanofi support and mentor exceptional individuals, shaping them into future leaders within the pharmaceutical industry. We are eagerly anticipating the opportunity to nurture the next generation of multi-disciplinary leaders by providing scientific knowledge, leadership, cross-functional communication, and professional development experiences. Sanofi holds a strong commitment to our people, emphasizing inclusivity and celebrating diversity to represent the community and patients we serve.

On behalf of the Sanofi Steering Committee, we extend our best wishes for success in your future as you embark on your career journey! We are excited to have you consider our organization and look forward to the potential collaboration ahead.

Best regards,

Beata McCormack, PharmD
Fellowship Lead, Sanofi & Howard University Fellowship

Executive Sponsor

Raquel Mura, PharmD, JD, MBA
Head of R&D Global Operations North America Executive Sponsor

Howard University Stakeholder

Beata McCormack, PharmD
R&D Global Operations North America Program Lead

Sanofi Steering Committee

Zohreh Amoozgar, PharmD, PhD
Principal Scientist II and Lab Head, Immuno-Oncology Cell Therapy

Jisun Ban, PharmD
Clinical Scientist

Helen Boyke, MS
Campus Relations Manager

Kasey Boynton, MPH
Global Operations and Community Partnerships Lead

Julia Garza, PharmD
R&D Global Operations, North America Post-Doctoral Fellow

Justin Lee
University Recruitment Manager

Binal Patel, PharmD
PVS Product Manager Specialty Care

Nicole Perzigian
Director, Talent Outreach and University Relations, North America

Cristina Zamora, PhD
R&D Global Operations North America Project Lead

ABOUT SANOFI

At Sanofi, we are a modern healthcare company bringing together dedicated, talented people, and innovative science to transform the practice of medicine. Today, we are driven by a unifying purpose: we chase the miracles of science to improve people's lives. We share a common ambition: turning the impossible into the possible for millions of people around the world.

Scientific discoveries don't happen overnight or without hard work. It's our determination to find answers for patients that motivate us as Sanofians to develop breakthrough medicines and vaccines, and to transform medicine.

To achieve these goals, our efforts on delivering on our Play to Win strategy, composed of four key priorities:

- We ***focus on growth***, prioritizing our portfolio to strengthen our company profile.
- We ***lead with innovation***, bringing transformative therapies to our patients.
- We ***accelerate efficiency***, taking decisive actions to reinvest in our pipeline.
- We ***reinvent how we work***, creating an organizational culture that empowers our people and promotes accountability.

OUR COMMITMENT

We are committed to society, getting medicines to the people who need them most, taking better care of the planet and reflecting the diversity of the communities we serve. Our Corporate Social Responsibility strategy focuses on four building blocks aligned with our ***Play to Win*** core business strategy:

- We ***commit to affordable access***, ensuring global access and affordability to health, while helping healthcare systems to remain sustainable.
- We ***are at the cutting edge of R&D for unmet needs***, helping people live fully.
- We ***care for the planet***, minimizing the environmental impact of our business.
- We ***act in and beyond the workplace***, giving all Sanofi colleagues the chance to become a leader of change, unlocking the potential of our diverse teams.

SANOFI IN THE U.S.

SPECIALTY CARE

- Immunology
- Rare Diseases
- Rare Blood Disorders
- Neurology
- Oncology

VACCINES

- Influenza
- Respiratory Syncytial Virus (RSV)
- Meningococcal Meningitis
- Endemic and Travel Vaccines
- Childhood Diseases (diphtheria, tetanus, pertussis, poliomyelitis, Haemophilus influenzae b, hepatitis B)

GENERAL MEDICINES

- Type 1 Diabetes
- Transplant
- Type 2 Diabetes
- Cardiovascular
- Established Products

CONSUMER HEALTHCARE

- Allergy
- Pain Care
- Digestive Wellness
- Personal Care
- Vitamin, Mineral & Supplements

Our U.S. labs contribute to Sanofi's global R&D efforts, which have gained enhanced focus as we unlock our pipeline's full potential and prioritize potential first- or best-in-class assets. We aim to deliver a 50% increase in the number of Phase 3 studies between 2023 and 2025, creating the greatest pipeline momentum in Sanofi's history.

Sanofi operates across more than **20 sites in the U.S.**, with flagship locations in Massachusetts and New Jersey, including office locations, manufacturing, supply, distribution and research and development facilities, employing over **13,000 people.**

€18,512M
in U.S. net sales in 2023

20+
locations

13,000+
employees

2,500 research scientists

8 R&D campuses

50% increase in Phase 3 studies between 2023 and 2025

Sanofi FOCUS AREAS

Redefining R&D

Our immunoscience approach enables us to apply deep biological pathway knowledge and expertise across different, sometimes seemingly unrelated therapeutic areas. This lays the groundwork for more "pipelines in a product," or medicines that can treat a multitude of conditions and, consequently, have the potential to help many more patients.

Our R&D Focus

Immunology & inflammation – We're leaders in type 2 inflammation. Our teams are exploring different ways to rebalance the immune response, building a rich pipeline of potential first- and best-in-class medicines for type 2 inflammation and beyond.

Neurology – We use revolutionary technologies to design disease-modifying therapies for people with multiple sclerosis and amyotrophic lateral sclerosis. Our goal is to slow or halt neurodegeneration, control neuroinflammation, and protect, or even repair, the nervous system.

Oncology – Our immuno-oncology and molecular oncology teams are tackling some of the most elusive cancers out there using AI, synthetic biology, antibody–drug conjugates, NANOBODY® molecules, and other cutting-edge technologies. Our goal is to develop a new generation of medicines that ease the burden of cancer.

Rare Blood Diseases – We never stop innovating for people with rare blood disorders. Our contributions range from the first extended half-life clotting factors for hemophilia to the first approved treatments for acquired thrombotic thrombocytopenic purpura and cold agglutinin disease.

Rare Diseases – Our close collaboration with the rare disease community has been pivotal to groundbreaking work in lysosomal storage disorders. We're committed to finding new solutions for people with Fabry, Gaucher, and Pompe diseases, acid sphingomyelinase deficiency, and GM2 gangliosidoses, among other conditions.

Vaccines – The incredible power of vaccines has never been clearer. Every day, we turn science into immunizations that protect people and communities around the world. Data science helps us profile harmful bacteria and viruses, while a unique range of proprietary technologies empowers our teams to target their vulnerabilities.

The Future of R&D

At Sanofi, we are knocking down borders between organ systems and traditional disease categories to apply our immunoscience platform across our R&D organization. This pathway-focused, system-level approach to R&D is built on the foundation of decades of scientific leadership. Our scientists, rooted in immunoscience and supported by AI, are ushering in a new age of R&D, where our commitment to precision medicine and our patient-driven understanding of disease mechanisms and pathways will give rise to transformative new options for people around the world.

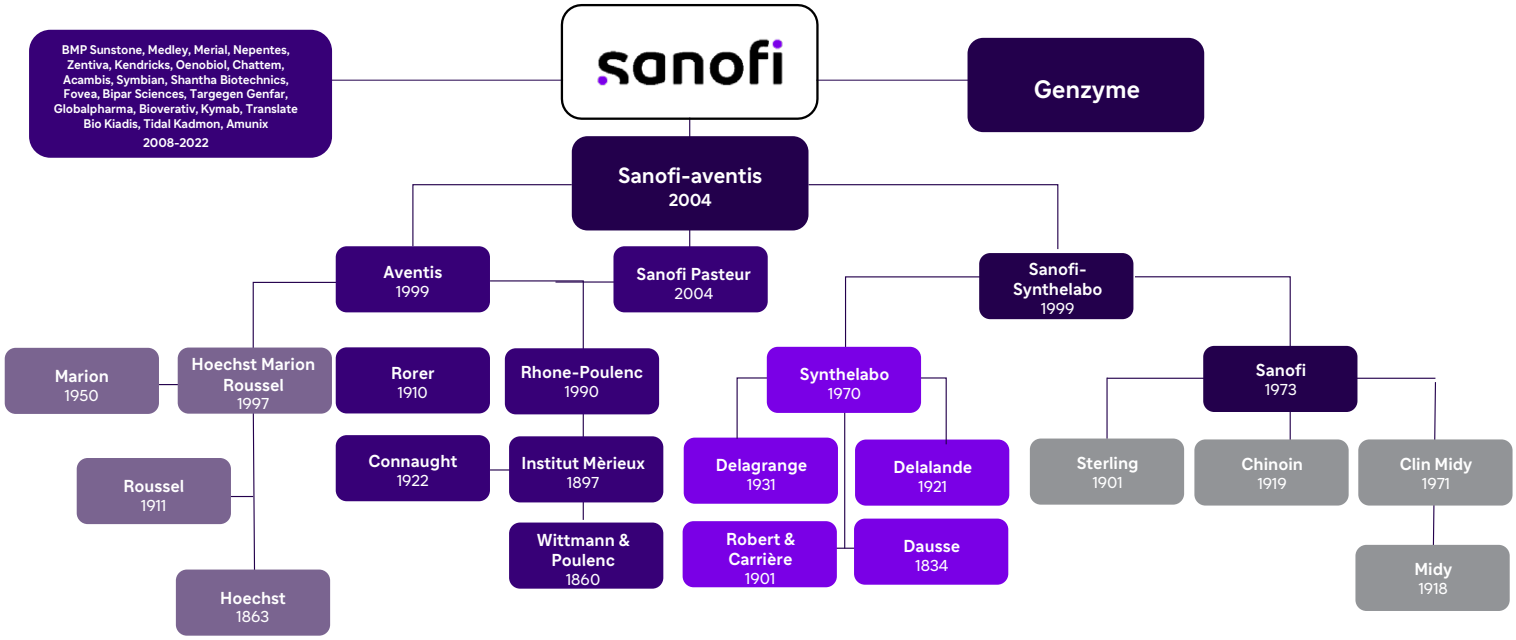
> *Our goal at Sanofi is to become the leading immunology company, leveraging our legacy of scientific expertise in inflammatory diseases and innovation in vaccines to deepen our overall understanding of the immune system and how it is implicated in many different medical conditions.*

Houman Ashrafian
Executive Vice President, Head of Research and Development

SANOFI HISTORY

In the last half century, Sanofi has grown into one of the world's leading healthcare companies – a culmination of a diverse group of companies that share a rich history in healthcare innovation dating back to the 19th century. Today, our footprint extends to ~100 countries, with ~100,000 employees perpetuating this legacy and united under the common purpose of chasing the miracles of science to improve people's lives.

• *Our* History •



To learn more about the Sanofi history: A Legacy of Healthcare Impact, click here.

Our People

Around the world, **~100,000 people** at Sanofi are dedicated to *chasing the miracles of science to improve people's lives*. Our promise to our employees is to pursue progress and discover extraordinary together: better science, better medications, better outcomes. All that progress needs people. People from diverse backgrounds, in various places around the world, performing distinct roles all united by one thing: a desire to chase the miracles of science to improve people's lives.

Our employees are people who:

- *Explore more,* sharing our purpose and our skills.
- *Chase change,* and embrace innovative ideas.
- *Do right* for our business, patients, society, and the planet. We are committed to making the right decision and taking action even when it is the harder thing to do.
- *Make miracles*, taking thoughtful risks to find better solutions for the people we serve.

Artificial Intelligence *across Sanofi*

We invest in AI that makes a difference for our people, patients, and partners.

We're using AI to chase the miracles of science by accelerating drug discovery, enhancing clinical trial design, and improving the manufacturing and supply of medicines and vaccines to get them to patients in need faster.

> *AI is a catalyst to transform and re-think our business processes. We can transform the way we work to deliver better treatments, to support more patients, at higher quality and scale than ever before.*

Dimitrije Jankovic
Head of Data & AI Strategy

OUR AMBITION

We're all in on AI. We want to become the first biopharma company powered by AI at scale. To achieve this, we're investing where it counts; AI that enhances the work of our teams and allows them to focus on what matters most.

DIVERSITY, EQUITY & INCLUSION

At Sanofi, our vision is to reflect the diversity of our communities, unleash the full potential of our employees, and transform healthcare to be more inclusive and equitable. When we embrace our rich differences and leverage the power of our collective knowledge, we can passionately chase the miracles of science to improve people's lives.

Diversity means taking competitive advantage of our collective difference. Equity means fair treatment, access, opportunity, and advancement for all. Inclusion means ensuring that you belong, are respected, and are valued.

At Sanofi, we want to reflect the diversity of our communities, unleashing our best selves every day to transform the practice of medicine.

Our DE&I Strategy is comprised of three pillars:

Reflect

BUILDING WORKFORCE DIVERSITY

To leverage diverse perspectives and be fully connected to our patients' and customers' needs, we must build leadership and teams that reflect the diversity of our communities.

Unleash

CREATING AN INCLUSIVE WORKPLACE CULTURE

To enable creativity and innovation through diversity, our employees need to be able to bring their best selves to work so they can unleash their full potential.

Transform

ENGAGING WITH OUR DIVERSE COMMUNITIES

To positively impact the society in which we live and work, we must be engaged with and advocate for our diverse communities.

DE&I AWARDS

Our diversity, equity and inclusion initiatives are the result of the dedication of our employees and the inclusive workplace they foster. Being recognized for our efforts means we're making a difference.

DE&I *Awards*

Pursue *Progress*. Discover *Extraordinary*.

To learn more about our Employee Resource Groups, *click here.*

CLINICAL DEVELOPMENT EARLY

IMMUNOLOGY & INFLAMMATION

OVERVIEW

Sanofi scientists and physicians are committed to helping people who are suffering from immune-mediated diseases that have long eluded effective treatments. These treatments are evaluated in Global Clinical Development which encompasses clinical drug development programs that are executed by multi-disciplinary teams in the Therapeutic Areas (TA). The TA of Immunology & Inflammation (I&I) is one of the most active areas in Sanofi with many products in development including our flagship I&I medicine. In I&I, we translate drug biology to disease biology to develop the data that affords understanding of drug impact on disease pathogenesis and safety. We also define the target product profile (TPP) and target value proposition (TVP) together with our Commercial team to build the project development strategy and plan, and generate and execute the development plan. For our clinical studies, our teams generate relevant clinical documents (i.e., protocols, informed consents, etc.), ensure appropriate medical supervision of clinical trials, develop global submission plans, and orchestrate interaction with global health authorities. We communicate evidence from our studies through scientific journals and congresses together with Medical Affairs. All of these activities require engagement with internal governance bodies and management of key internal and external stakeholders.

GOAL

Develop the fellow into a clinical development leader with a broad understanding of the drug development process.

OBJECTIVES

1. Serves on a cross functional drug development team focused on the development and implementation of the program-specific strategy.
2. Supports the Clinical Research Director (CRD) and Clinical Scientist (CS) in clinical science aspects of the program. Assists the CRD in creating the clinical development plan (CDP) at all stages of the program taking in key inputs from other functions, e.g., biostats, clinical pharmacology, operations, etc.
3. Supports the preparation of clinical data and other documents for governance and other presentations.
4. Follows developments and trends in the medical & scientific literature and disseminates updates to the project team and beyond.
5. Where required, leads project specific reviews of the competitor landscape to inform the program strategy.
6. Provides scientific input on current state of disease area, other compounds in development, new insights on pathogenesis.
7. Prepares and presents data at scientific congresses and authors manuscripts in peer reviewed journals.

SANOFI COMPONENT

Understanding of the drug development process: As a member of the clinical development team, the fellow will gain expertise in the early drug development process, including both the strategic and operational components of clinical research.

Leadership to create impact: Over time, the fellow will have an opportunity to lead initiatives to help build the strategy of the drug program. These areas may include assessment of the scientific evidence, evaluation of the competitive landscape, and data review/ analysis.

Develop study level skills: The fellow will get hands on training in study design, protocol writing, data evaluations, and safety monitoring, amongst others. The fellow will be expected to perform medical reviews under the supervision of the CRD and CS.

Communication and external engagement: The fellow will work on both written and verbal communications through the preparation and presentation of materials. The fellow will represent Sanofi as a support team member for external meetings such as Congresses, Advisory Boards and Investigator Meetings. The fellow interacts with Key Opinion Leaders in the field in order to the develop protocol, choose investigators, etc.

Preceptor

Annie Kruger
Clinical Lead, Immunology and Inflammation

IDEAL CANDIDATE

- PharmD, Biomedical PhD, or relevant Clinical degree
- A good understanding of the pharmaceutical and clinical drug development process; if no experience, enthusiasm and openness to learn
- Ability to work both independently and cross-functionally within a team environment
- Ability to problem solve and manage issues with a solution-focused approach
- Strong writing and presentation skills including familiarity with use of Microsoft Office suite
- Strong collaborative communications skills including the ability to engage with a diverse internal and external client base and find ways to manage through conflict
- Agility in the application of new digital solutions

LOCATION

Cambridge, MA

CLINICAL DEVELOPMENT

IMMUNOLOGY AND INFLAMMATION

OVERVIEW

At Sanofi, our scientists and physicians are dedicated to developing transformative therapies for individuals suffering from immune-mediated diseases. The Immunology & Inflammation Therapeutic Area (I&I TA) is one of the most dynamic within Sanofi, driven by a robust development pipeline including our flagship I&I medicine. In I&I, we bridge drug biology with disease biology, generating critical data to understand the impact of our therapies on disease progression and safety. Our drug development efforts are led by multi-disciplinary Global Project Teams (GPTs) responsible for defining the target product profile (TPP) and target value proposition (TVP) of each asset. These teams generate development strategies and execute comprehensive development plans that guide each project. To support clinical studies, GPTs produce key clinical documents such as protocols and informed consent forms, ensure proper medical oversight of trials, and develop global submission strategies. They also manage interactions with global health authorities, ensuring regulatory compliance and timely approvals. Furthermore, in collaboration with Medical Affairs, GPTs communicate evidence from our studies through scientific publications and congresses, The success of these initiatives depends on strong engagement with internal governance and effective collaboration with key internal and external stakeholders.

GOAL

Develop the fellow into a clinical development leader with a broad understanding of the drug development process.

OBJECTIVES

1. Serves on a cross functional drug development team focused on the development and implementation of the program-specific strategy.
2. Supports the Clinical Research Director (CRD) in clinical science aspects of the program and assists the CRD for creation of the clinical development plan (CDP) at all stages of the program taking in key inputs from other functions, e.g., biostats, clinical pharmacology, operations, etc.
3. Supports the preparation of clinical and other data for governance and other presentations.
4. Follows developments and trends in the medical & scientific literature and disseminates updates to the project team and beyond.
5. Where required, leads project specific reviews of the competitor landscape to inform the program strategy.
6. Provides scientific input on current state of disease area, other compounds in development, new insights on pathogenesis.
7. Prepares and publish data in peer reviewed journals.

SANOFI COMPONENT

Understanding of the drug development process: As a member of the clinical development team, the fellow will gain expertise in the drug development process, including both the strategic and operational components of clinical research.

Leadership to create impact: Over time, the fellow will have an opportunity to lead initiatives to help build the strategy of the drug program. These areas may include assessment of the scientific evidence, evaluation of the competitive landscape, and data review/ analysis.

Develop study level skills: The fellow will get hands on training in study design, protocol writing, data evaluations, and safety monitoring, amongst others. The fellow will be expected to perform medical reviews under the supervision of the CRD.

Communication and external engagement: The fellow will work on both written and verbal communications through the preparation and presentation of materials. The fellow will represent Sanofi as a support team member for external meetings such as Congresses, Advisory Boards and Investigator Meetings. The fellow interacts with Key Opinion Leaders in the field in order to the develop protocol, choose investigators, etc.

IDEAL CANDIDATE

- PharmD, Biomedical Ph.D., or relevant Clinical degree
- A good understanding of the pharmaceutical and clinical drug development process; if no experience, enthusiasm and openness to learn
- Ability to work both independently and cross functionally within a team environment
- Ability to problem solve and manage issues with a solution focused approach
- Strong collaborative communications skills including the ability to engage with a diverse internal and external client base and find ways to manage through conflict

LOCATION

Cambridge, MA

Preceptor

Luciana Ferrara
Head of Management Office I&I

DEVELOPMENT
CLINICAL SCIENCES & OPERATIONS

OVERVIEW
The Clinical Sciences and Operations (CSO) platform is responsible for the planning, execution, and reporting of clinical trials at Sanofi. The cross-functional teams within CSO are responsible for running trials to specific timelines, within budget, and to rigorous quality standards. The 2-year fellowship is designed to provide the fellow with trial management operations rotations, as well as networking opportunities among CSO functions and the greater organization.

GOAL
Provide the Fellow with insight into potential career paths in CSO while contributing to one or more clinical study teams.

OBJECTIVES
1. Develop an understanding of how the various functions contribute to a clinical study team.
2. Develop working relationships with diverse internal and external stakeholders in a highly matrixed organization.
3. Become familiar with clinical study documentation (e.g., protocol, investigator brochure, informed consent form, and clinical study report), how they are designed, written, and distributed during the course of the study.
4. Learn logistics of planning and conducting a clinical study including protocol development, feasibility plan, recruitment plan, clinical data management, risk mitigation plan, study budget, site/investigator selection, etc.
5. Contribute to the data collection strategy and review patient profiles to learn and understand the collection, review, and analysis of patient data.
6. Leverage various digital platforms to perform study feasibility and competitive intelligence analysis taking into account the country, site, and patient perspective.
7. Contribute to special workstreams such as digital innovation to drive the implementation of digital tools across clinical studies and diversity and inclusion to increase patient diversity in clinical studies.
8. Build an extensive network internally with opportunities to meet and work with senior manager, as well as opportunities to interact with research sites, vendors, and key opinion leaders.

SANOFI COMPONENT
Rotations will be based in Trial Operations (TO; global mid-to-late phase trial management), Early Development Clinical Operations (EDCO; global early phase trial management), and the Clinical Study Unit (CSU; country trial management across all development phases).

IDEAL CANDIDATE
- PharmD, NP (Nursing), or MPH
- A strong interest in clinical trial management operations
- Leadership and independent thinking skills to optimize efficiency and execute tasks
- Effective written and verbal communication skills to facilitate cross-functional teamwork
- Flexibility to adapt to changes in a dynamic working environment

LOCATION
Morristown, NJ

Preceptors

Dexter David, BA
Trial Operations Team Leaderr

Monica Freese, RN, BSN
Therapeutic Area Head, Trial Operations

DEVELOPMENT

DIVERSITY AND INCLUSION IN CLINICAL TRIALS

OVERVIEW

The Diversity and Inclusion in Clinical Trials (DICT) Team is responsible for ensuring Sanofi clinical trials are inclusive and more representative of the populations who are most likely to benefit from our medications. We envision a future where inclusivity is at the forefront of clinical trial design. We will achieve this through our six strategic pillars: Awareness and Engagement, Inclusive Protocol Design, Site and Investigator Selection, Patient and Site Support, Training and Measurements. The 2-year fellowship is designed to provide the Fellow with exposure to clinical trial operations supporting DICT, working with the Sanofi Community Alliance Network, planning diversity strategies for different populations on a regional and therapeutic area level with opportunities to work alongside the US Lead for DICT, US Program Lead, Global Operations and Community Partnerships Lead, Community Outreach and Engagement Managers, and other functions within the greater organization.

GOAL

Provide the Fellow with insight into potential career paths in clinical trial operations while contributing to improving diversity and inclusion in clinical trials.

OBJECTIVES

1. Develop an understanding of how the various functions contribute to a clinical study team.
2. Develop working relationships with diverse internal and external stakeholders in a highly matrixed organization.
3. Gain an understanding of barriers to participation for diverse populations in clinical research and how to plan supportive strategies to mitigate these barriers.
4. Become familiar with clinical study documentation (e.g., protocol, investigator brochure, informed consent form), and how they can be designed to be more inclusive.
5. Contribute to recruitment and retention strategies for diverse populations at the study and therapeutic area level.
6. Leverage various digital platforms to assist with study feasibility and competitive intelligence analysis taking into account the country, site, and patient perspective with a focus on diverse populations.
7. Contribute to special workstreams such as digital innovation to drive the implementation of digital tools across clinical studies and diversity and inclusion to increase patient diversity in clinical studies.
8. Build an extensive network internally with opportunities to meet and work with senior managers, as well as opportunities to interact with research sites, vendors, and key opinion leaders.

SANOFI COMPONENT

Position will be based in Clinical Sciences and Operations with the Diversity in Clinical Trials Team, working with the US Lead for Diversity and Inclusion in Clinical Trials, US Program Manager, Global Operations and Community Partnerships Lead, and Community Outreach and Engagement Managers. There will be networking and exposure to DICT partners in the Clinical Study Unit, Medical, Patient Informed Development / Health Value Translation, Employee Resource Groups, Public Affairs, Patient Advocacy Groups, relevant vendors and community partners.

IDEAL CANDIDATE

- PharmD
- A strong interest in clinical trial management operations
- Leadership and independent thinking skills to optimize efficiency and execute tasks
- Effective written and verbal communication skills to facilitate cross-functional teamwork
- Flexibility to adapt to changes in a dynamic working environment

LOCATION

Cambridge, MA or Morristown, NJ

Preceptors

Monique Adams
Global Head, D&I in Clinical Trials

Siobhan M. Gallagher, MS
US Lead for Diversity and Inclusion in Clinical Trials

Kasey Boynton, MPH
Global Operations and Community Partnership Lead

DEVELOPMENT

BUSINESS ANALYST, CLINICAL DATA & AI PROCESSING

OVERVIEW

At Sanofi, we chase the miracles of science to improve people's lives. We are accelerating our modernization journey to support our Play to Win strategy in ways that allow us to be more focused, integrated, agile, and efficient. The current wave of digital technologies in artificial intelligence (AI) offers enormous opportunities to transform clinical development. To harness the power of these new technologies and accelerate digital transformation, we have created a new Clinical Data & AI Processing department within Clinical Sciences and Operations.

GOAL

The Business Analyst (BA) in Clinical Data & AI Processing is responsible for translating business insights and needs into a digital transformation strategy that bridges the gap between business objectives and AI technologies. With a sharp focus on developing AI-enabled solutions and processes, the BA works closely with cross-functional teams to drive AI-driven solutions, enhancing operational effectiveness and accelerating clinical development by enabling real-time access to and interactive insight generation from clinical data.

OBJECTIVES

1. Understand and gather business requirements; collect and analyze data to identify trends, patterns, and insights to define business cases around AI-driven transformation projects.
2. Develop and document business process models to illustrate current and future AI-enabled states.
3. Work closely with clinical data analysts and AI engineers to design end-end real-time data flow and processes, solutions, automations, data models, and integration with existing systems and tools in clinical development.
4. Ensure AI solutions and processes comply with GCP, regulatory requirement, ethical and legal standards, including data privacy and fairness principles.
5. Measure user satisfaction and the impact of the strategy, and track adoption to ensure smooth implementation of AI-driven solutions.

SANOFI COMPONENT

Understanding of the clinical development process: As a member of the Clinical Data AI-Processing the fellow will gain knowledge in the drug development from initiation to submission and current infrastructure involved to support successful drug submissions as well as ongoing transformation projects.

Innovation: The fellow will learn and explore innovative AI technologies and approaches currently under development at Sanofi and will explore how to incorporate them or introduce new ones in order to increase our quality, efficiency and reduce time to submission.

Networking: The fellow will have extensive opportunities to interact with Sanofi colleagues in various functions within CSO and Digital to find support and drive their projects.

IDEAL CANDIDATE

- Advanced degree in Computer Science, Engineering, Information Systems, Business, Life Sciences, or a related field
- Experience within a Life Sciences or Pharmaceutical business is preferred
- Strong understanding of AI technologies such as machine learning, natural language processing, and large language models
- Demonstrated experience in implementing AI strategies
- Demonstrated proficiency in data analysis tools and techniques, preferably applied to clinical trial data
- Understanding of clinical development, ICH guidelines, and regulations by major regulatory bodies such as the FDA and EMEA
- Excellent communication, problem-solving, and cross-functional collaboration skills
- Experience with business process modeling and project management

LOCATION

Morristown, NJ

Preceptor

Andre Couturier
Global Head, Analytics and Reporting Technology

GLOBAL REGULATORY AFFAIRS

LABELING

OVERVIEW

Sanofi's ambition is to leverage science and innovation to improve people's lives, becoming the first biopharma company powered by artificial intelligence at scale and the industry leader in immunology and oncology. The Global Regulatory Affairs (GRA) team at Sanofi works to provide regulatory expertise using innovative and prompt guidance for product development and life cycle management of marketed products.

GOAL

The GRA Fellowship is focused on providing the fellow with the necessary skills and tools to become a knowledgeable, confident, and strategic regulatory affairs professional. The Fellow will gain hands-on experience, developing a well-rounded understanding of the regulatory functions and drug development process from early stage to post-marketing, including how technology, especially artificial intelligence, can be leveraged to enhance our ways of working.

OBJECTIVES

1. Develop necessary skills for authoring and facilitating development of corporate, US, and EU labeling for products in development and marketed products in Sanofi's portfolio.
2. Gain knowledge and understanding of the drug development process and the role of labeling in the lifecycle of a product.
3. Become knowledgeable of current FDA, EMA, and other health authority regulations, guidance, and current industry standards impacting product labeling and beyond.
4. Develop the skills necessary to lead cross-functional matrix teams to deliver optimal label content (Labeling Working Group) and gain approval through governance processes.
5. Understand the importance of labeling strategy related to the development and negotiation of labeling for investigational compounds and marketed products with health authorities.
6. Support local affiliates with implementation of core labeling information into local labels.
7. Develop submission-ready labeling documents which are in line with applicable laws, regulations, and guidance.

SANOFI COMPONENT

The fellow will be following a development plan with given exposure and project-driven experiences to develop the tactical and strategic capabilities needed to be a successful regulatory professional. Ultimately, the fellow will become an integrated part of the GRA team through involvement in cross-functional projects with global colleagues.

IDEAL CANDIDATE

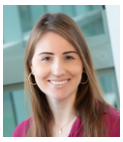
- PharmD
- Desire to learn the skills needed for developing regulatory strategy for products in both the pre-approval and post-approval setting
- Be motivated to collaborate with multidisciplinary teams to meet business objectives
- Be open to learning and interpreting regulations and developing an effective and strategic plan
- Candidates with a passion for science, independent work ethic, collaborative spirit, solutions-oriented mindset, organized and strong time management skills are encouraged to apply

LOCATION

Morristown, NJ

Preceptors

Paragi Patel, PharmD
Director, Specialty Care Global Labeling



Fernanda Montes
Global Regulatory Capability & Learning Solution Lead

GLOBAL REGULATORY AFFAIRS

STRATEGY/GENERAL MEDICINES UNIT

OVERVIEW

Sanofi's ambition is to leverage science and innovation to improve people's lives, becoming the first biopharma company powered by artificial intelligence at scale and the industry leader in immunology and oncology. The Global Regulatory Affairs (GRA) team at Sanofi works to provide regulatory expertise using innovative and prompt guidance for product development and life cycle management of marketed products.

GOAL

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OBJECTIVES

1. Develop regulatory strategic skills while contributing to global pre- and post-approval planning and submissions potentially including briefing documents, Health Authority interactions, IND/CTA submissions, BLA/NDA/MAA applications.
2. Lead team meetings, develop regulatory strategy, and contribute to and lead Health Authority submissions with increasing responsibility throughout the Fellowship program.
3. Partner with contributing functions within Sanofi to deliver products for diseases globally.
4. Experience various facets of GRA to better understand the roles of regulatory professionals.
5. Engage with global colleagues and learn country/region-specific regulatory processes.
6. Develop skills such as strategic and analytical thinking, effective communication, business acumen and partnering/collaboration.

SANOFI COMPONENT

The fellow will be following a development plan with given exposure and project-driven experiences to develop the tactical and strategic capabilities needed to be a successful regulatory professional. Ultimately become an integrated part of the GRA team through involvement in cross-functional projects with global colleagues.

IDEAL CANDIDATE

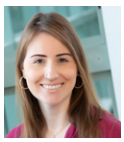
- PharmD
- Desire to learn the skills needed for developing regulatory strategy for products in both the pre-approval and post-approval setting
- Be motivated to collaborate with multidisciplinary teams to meet business objectives
- Be open to learning and interpreting regulations and developing an effective and strategic plan
- Candidates with a passion for science, independent work ethic, collaborative spirit, solutions-oriented mindset, organized and strong time management skills are encouraged to apply

LOCATION

Morristown, NJ

Preceptors

Chetan J. Somaiya, MBA, B.Pharm
Director, Global Regulatory Affairs



Fernanda Montes
Global Regulatory Capability & Learning Solution Lead

RESEARCH

US DRUG METABOLISM AND PHARMACOKINETICS

OVERVIEW

The Drug Metabolism and Pharmacokinetics (DMPK) US Platform is responsible for determining the disposition, safe starting dose, and predicted efficacious dose prior to first in human clinical trials. To achieve this, DMPK scientists run preclinical in vivo and in vitro experiments to understand the absorption, distribution, metabolism, and excretion properties of drug development candidates as well as developing robust bioanalytical assays that allow for an accurate quantitation of development candidates in biological matrices. DMPK scientists, in conjunction with pharmacology teams, will also design and interpret pharmacokinetic/pharmacodynamic (PKPD) studies to understand the relationship between drug concentration and pharmacologic effect and predict efficacious doses. The DMPK department also provides quantitative support for target selection, biomarker identification, and early quantitative read in response following target modulation using various modeling simulation techniques including PKPD, population mixed-effect modeling, mechanistic modeling, model based meta-analysis, and AI/ML.

GOAL

To develop skills related to DMPK Modeling and Simulation and contribute to the overall deliverables of the department.

OBJECTIVES

1. Designing/conducting/outsourcing in vivo pharmacokinetics and/or in vitro metabolism/drug interaction studies and analyzing, interpreting, and communicating results of these studies.
2. Aiding in the design and execution of PKPD studies and conducting PKPD, and other advanced Modeling and Simulation (M&S) analyses including empirical PK/PD and mechanistic disease M&S, physiological base PK modeling, and AI/ML.
3. Working directly or indirectly with project teams to help advance the preclinical pipeline.
4. Aiding the department in understanding and interpreting preclinical data to allow for prediction of clinical outcomes.

SANOFI COMPONENT

Provide training and mentorship to achieve above goal and objectives.

IDEAL CANDIDATE

- Highly motivated
- Strong organizational and communication skills
- PhD in pharmacokinetics, drug metabolism, molecular biology, modeling and simulation or other field (e.g., engineering and applied biomathematics, and pharmacometrics) directly applicable to drug development
- Experience with or strong understanding of translating preclinical data and concepts to clinical understanding
- Highly motivated
- Strong organizational and communication skills

LOCATION

Cambridge, MA

Preceptors

Joshua Dekeyser, PhD
Head of DMPK Platform US

Majid Vakilynejad, PhD, BPharm
Global Head of Modeling and Simulation, DMPK

RESEARCH

RARE AND NEUROLOGICAL DISEASES

OVERVIEW

The Rare and Neurological Therapeutic Area research group is working on understanding diseases with a large unmet medical need and bringing the next wave of therapies to patients. We employ cutting edge approaches to try to better elucidate key interventional nodes in diseases like Amyotrophic Lateral Sclerosis (ALS), Alzheimer's disease, Parkinson's disease, and multiple sclerosis.

GOAL

Sanofi is seeking a curious and motivated fellow to support ongoing efforts in elucidating novel targets to tackle neurodegeneration in the Rare and Neurological Disease research group. You will help Sanofi understand disease signatures and targets using available in-house and external datasets, as well as experimental approaches. Through the application of these approaches, the aim for the fellow joining is to provide comprehensive training in various aspects of drug discovery and drug development within a fast-paced and friendly environment.

OBJECTIVES

1. Evaluate novel in vitro models of neurodegeneration using cutting edge iPSC derived cell techniques.
2. Design/conduct/outsource transcriptomics experiments and analyze, interpret, and communicate results of these studies.
3. Leverage these transcriptomics data to identify novel targets or disease-associated biomarkers in neurodegeneration and validate them in both in vitro and in vivo settings.
4. Working directly or indirectly with project teams to help advance the preclinical pipeline.

SANOFI COMPONENT

The fellow will be exposed to several aspects of drug target and discovery validation in our early research pipeline across multiple diseases and will contribute to project team in later stage development projects. The goal is to generate a playbook for future reverse translation efforts in the group.

The fellow will get hands-on training in experimental design, execution, as well as data evaluation to build impactful preclinical research studies. The fellow will also strengthen both verbal and written communications through preparation and presentation of the scientific data.

The fellow will learn to lead the project and interact and align with key stakeholders to drive the direction of the project.

The fellow will learn and explore innovative technologies including omics approaches in Sanofi and will potentially incorporate them into the research project to build our understanding of neurodegenerative diseases.

The fellow will have extensive opportunities to interact with Sanofi colleagues in various functions within R&D and medical affairs, as well as other fellows and post-docs to find support and drive career development.

IDEAL CANDIDATE

- Biomedical PhD, or relevant clinical degree
- The ideal candidate for this fellowship will have some research experience and be curious and eager to learn laboratory skills to advance our mechanistic biological understanding of neurodegenerative diseases
- Experience in cell biology, especially in iPSC-derived cell culture
- Expertise in bulk and single-nucleus transcriptomics, interpretation of multi-omics data preferred
- Ability to effectively develop and discuss experimental goals and research progress with scientists and stakeholders of varied backgrounds
- Excellent analytical, presentation, and writing skills

LOCATION

Cambridge, MA

Preceptor

Simon Dujardin
Principal Scientist I, Lab Head

RESEARCH

GLOBAL ONCOLOGY (IMMUNO-ONCOLOGY CLUSTER)

OVERVIEW

At Sanofi, our immuno-oncology teams are dedicated to enhancing the immune system's ability to identify and combat tumors. We aim to create foundational therapies and pioneering medicines to tackle some of the most challenging cancer types. Our goal is to revolutionize cancer treatment and bring hope to patients worldwide.

GOAL

The Cell Therapy Lab I group within the Immuno-Oncology (IO) Cluster is seeking a passionate postdoctoral fellow to join our innovative team. We focus on developing advanced peptide-centric strategies to target tumor antigens.

As a postdoctoral fellow, you will collaborate closely with IO scientists on research projects, with opportunities to present and publish your findings. This project employs a combinatorial approach, utilizing multiple and sequential rounds of positive and negative selection, along with artificial intelligence (AI) strategies, to develop potent and precise therapies for novel targets.

Success in this role will be driven by strong molecular and cell biology skills and the ability to work effectively with internal experts in drug discovery, functional genomics, and bioinformatics. Join us to advance your career and contribute to the development of first-in-class cell therapies!

OBJECTIVES

1. Support an exciting research project, working closely with scientists in the group to establish assays and advance the biological understanding of new targets.
2. Learn how different functions contribute to drug research and development journey and how to be effective in a highly matrixed organization.
3. Develop proficient interpersonal, communication and presentation skills when interacting with key stakeholders.
4. Enable a deep and broad learning experience of drug discovery journey from early discovery research to post-approval of a drug by attending seminars and meetings.

SANOFI COMPONENT

Develop research and communication skills: The fellow will receive hands-on training in experimental design, execution, and data evaluation to build impactful preclinical research studies. They will also strengthen both verbal and written communication skills through the preparation and presentation of scientific data.

Leadership: Throughout the preceptorship, the fellow will learn to lead projects, interact with, and align key stakeholders to drive the project's direction.

Innovation: The fellow will explore innovative technologies, including artificial intelligence and bioinformatic tools, at Sanofi. They will potentially incorporate these technologies into research projects to enhance our understanding of cancer and develop more effective treatments.

Networking: The fellow will have extensive opportunities to interact with Sanofi colleagues in various functions within research and development and medical affairs, as well as other fellows and post-docs to find support and drive career development.

Preceptor

Aleksandra Nowicka, PhD
Sr. Principal Scientist, Lab Head - Cell Therapy I Immuno-Oncology Cell Therapy Cluster

Ideal Candidate

- Research Experience: Some background in research with a curiosity and eagerness to learn lab skills to advance our understanding of cancer
- Skills: Ability to work independently and collaboratively, with strong organizational, communication, presentation, and interpersonal skills
- Scientific Success: Proven track record in independent research, including peer-reviewed publications
- Technical Proficiency: Skilled in molecular and cell biology techniques (cell culture, DNA/RNA extraction, PCR, flow cytometry, western blot, viral transduction, CRISPR/Cas9 KO/KI, etc.)
- Analytical Ability: Quick learner with the ability to draw accurate conclusions from data
- Motivation: Self-driven to advance research programs independently and collaborate in a multidisciplinary environment
- Bioinformatics: Comfortable with bioinformatics tools; experience is a plus
- Organization: Capable of planning complex long-term experiments and maintaining detailed records
- Education: PhD in Molecular Biology, Cell Biology, Immunology, Genetics, or a related field

LOCATION

Cambridge, MA

GLOBAL MEDICAL
IMMUNOLOGY

OVERVIEW
The Immunology & Inflammation therapeutic area in Sanofi is composed of a world-class immunology team that is aiming to deliver medicine to transform the lives of patients in the fields of dermatology, respirology, rheumatology, and gastroenterology. We work relentlessly to identify and validate greater than 12 potential first-in-class, best-in-class molecules to address highly unmet medical needs as well as extend our understanding of the underlying mechanisms of disease through dedicated research.

GOAL
To gain an appreciation and understanding of the role of the Global Medical team in the successful development and launch of pipeline assets within a leading BioPharma business through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

OBJECTIVES
1. Supports the Global Medical Lead in the development and execution medical strategy for a high priority pipeline asset in collaboration with cross-functional partners (e.g., New Product Planning, Clinical Development, Scientific Communications, etc.)
2. Support the development and execution of advisory boards and steering committee meetings.
3. Lead congress planning activities including pre congress training, symposia, external expert encounter planning, scientific session coverage, and post congress debrief.
4. Follows developments and trends in the medical & scientific literature and delivers regular training to the cross-functional team.
5. Leads review of competitive landscape including mapping of scientific share of voice, lifecycle planning, and clinical trial footprint of key competing assets.
6. Support the development and execution of medical-led studies leveraging real-world clinical and claims data.
7. Understand the integral and strategic roles of various functional groups within Immunology and across Sanofi through a product's lifecycle.

SANOFI COMPONENT
Understanding of the clinical development process: As a member of the Global Medical Pipeline team, the fellow will gain expertise in the drug development process, including both the strategic and operational elements of preparing for a successful launch of a new asset.

Leadership to create impact: Over time, the fellow will have an opportunity to lead initiatives to help build the strategy of the global medical team. These areas may include assessment of the scientific evidence, evaluation of the competitive landscape, and data review/analysis.

Develop study level skills: The fellow will get hands-on training in real-world study design, protocol writing, database evaluations, amongst others. The fellow will be expected to perform medical reviews under the supervision of the medical lead.

IDEAL CANDIDATE
- PharmD
- Experience in a biopharmaceutical setting strongly preferred (e.g., internship, rotation)
- A good understanding of medical affairs and the clinical drug development process; if no experience, enthusiasm and openness to learn
- Experience in epidemiology and real-world evidence generation preferred
- Ability to work both independently and cross-functionally within a team environment
- Ability to problem solve and manage issues with a solution-focused approach
- Strong collaborative communications skills including the ability to engage with a diverse internal and external client base and find ways to manage through conflict
- Agility in the application of new digital solutions

LOCATION
Cambridge, MA

Preceptors

Moataz Daoud, PharmD
Pipeline Dermatology and Rheumatology Lead, Global Medical Immunology

Gopi Nageshwaran
Global Medical Evidence Generation Lead Immunology

Wendell Valdecantos
Global Medical Lead

NORTH AMERICA MEDICAL

N.A. NEXT GEN IMMUNOLOGY MEDICAL

OVERVIEW

The Immunology and Inflammation Therapeutic Area in Sanofi is composed of a world-class immunology team that is aiming to deliver medicine to transform the lives of patients in the fields of dermatology, respirology, rheumatology, and gastroenterology. We work relentlessly to identify and validate greater than 12 potential first-in-class, best-in-class molecules to address highly unmet medical needs as well as extend our understanding of the underlying mechanisms of disease through dedicated research.

GOAL

To gain an appreciation and understanding of the role of N.A. Next Gen Immunology Medical team in the successful development and launch of pipeline assets within a leading Specialty Care business through broad hands-on experiences, dedicated mentorship, and longitudinal core responsibilities.

OBJECTIVES

1. Supports the North America Head of Medical Next Gen Immunology in the development and execution medical strategy for a high priority pipeline asset in collaboration with cross-functional partners (e.g. New Product Planning, Clinical Development, Scientific Communications, etc.)
2. Support the development and execution of advisory boards and steering committee meetings.
3. Lead congress planning activities including pre congress training, symposia, external expert encounter planning, scientific session coverage, and post congress debrief.
4. Follows developments and trends in the medical & scientific literature and delivers regular training to the cross-functional team.
5. Leads review of competitive landscape including mapping of scientific share of voice, lifecycle planning, and clinical trial footprint of key competing assets.
6. Support the development and execution of medical-led studies leveraging real-world clinical and claims data
7. Understand the integral and strategic roles of various functional groups within Immunology and across Sanofi through a product's lifecycle.

SANOFI COMPONENT

Understanding of the clinical development process: As a member of the N.A. Next Gen Immunology Medical team, the fellow will gain expertise in the drug development process, including both the strategic and operational elements of preparing for a successful launch of a new asset.

Leadership to create impact: Over time, the fellow will have an opportunity to lead initiatives that help shape the strategy of the N.A. Next Gen Immunology Medical team. These areas may include assessment of the scientific evidence, evaluation of the competitive landscape, and data review/ analysis.

Communication and external engagement: The fellow will work on both written and verbal communications through the preparation and presentation of materials. The fellow will represent Sanofi as a support team member for external meetings such as Congresses, Advisory Boards and steering committee meetings. The fellow interacts with Key Opinion Leaders in the field in order to the develop protocol, choose speakers, etc.

IDEAL CANDIDATE

- PharmD, Biomedical PhD, or Relevant Clinical Degree
- Experience in a biopharmaceutical setting strongly preferred (e.g. internship, rotation)
- A good understanding of medical affairs and the clinical drug development process; if no experience, enthusiasm and openness to learn
- Experience in epidemiology and real-world evidence generation preferred
- Ability to work both independently and cross-functionally within a team environment
- Ability to problem solve and manage issues with a solution-focused approach
- Ability to work in a dynamic environment and is comfortable navigating ambiguity to drive innovative solutions
- Strong collaborative communications skills including the ability to engage with a diverse internal and external client base and find ways to manage through conflict
- Agility in the application of new digital solutions
- Must have permanent US work authorization

LOCATION

Cambridge, MA/Morriston, NJ (hybid work environment)

Preceptors

Raza Zaheer, PhD
Head of Medical Next Gen Immunology NA

U.S. FIELD MEDICAL
IMMUNOLOGY

OVERVIEW
During this fellowship, the Medical Science Liaison (MSL) Fellow will become an integral part of the Field Medical Team. Our objectives are centered on cultivating the knowledge, skills, and behaviors necessary for success and readiness in the MSL role.

GOAL
The fellow will develop deep expertise in immunology functional areas, refine their storytelling abilities, and gain comprehensive knowledge of the medical science liaison role. They will be tasked with communicating clinical and scientific information to internal and external colleagues, with a focus on compliance, fair-balance, and scientific narrative. In addition, the fellow will lead a major cross-functional project aimed at driving the overall medical strategy forward.

OBJECTIVES
1. Complete the New Hire Training program to achieve MSL certification and build foundational skills through shadowing and participation in Field-Based Medical activities.
2. Acquire a clear understanding of key immunology roles across areas like U.S./ Global Medical, Commercial, Scientific Communications, Clinical Studies, and Medical Information.
3. Contribute to clinical insights gathering, Congress planning, and coverage to support strategic initiatives and knowledge dissemination.
4. Gain practical experience across functional areas by identifying and leading at least one crossfunctional project to enhance collaboration and innovation.
5. Contribute to strategic planning, and support the execution of MEPs, SEPs, and advisory boards.
6. Prepare for a full-time MSL role, setting long-term career goals for sustained professional success.

SANOFI COMPONENT
Year 1:
Complete the MSL certification through the New Hire Training program and gain a thorough understanding of key roles within immunology.

Contribute to clinical insights, strategic initiatives, and Congress planning.

Gain cross-functional experience and lead at least one collaborative project.

Shadow and engage in Field-Based Medical activities for skill development.

Year 2:
Finalize at least one specialized project, contributing to strategic planning and team goals.

Enhance cross-functional collaboration and deepen industry knowledge.

Support development and execution of MEPs, SEPs, and advisory boards aligned with organizational goals.

Prepare for a full-time Field-Based Medical role and set long-term career goals for success.

IDEAL CANDIDATE
- PharmD, Biomedical PhD, or relevant Clinical degree
- Effective communication and presentation skills
- Demonstrates scientific expertise (stays abreast of data, treatment trends, and new information in the profession and can articulate therapeutic knowledge)
- Skillfully plans, prioritizes, and executes multiple responsibilities and projects

LOCATION
Cambridge, MA

Preceptor

Gary Riley, PharmD, MS
National Field Director
MSLs Dermatology US
Field Based Medical Affairs

US MEDICAL
RARE BLOOD DISORDERS

OVERVIEW

Rare Blood Disorders at Sanofi is composed of 5 marketed products across Hemophilia and other Rare Blood Disorders. We are on track to potentially launch 2 products in 2025 in addition to developing pipeline assets in Sickle Cell Disease and WAIHA.

GOAL

The US Rare Blood Disorders Medical Fellowship program is designed to give you a well-rounded understanding of US Medical Affairs by fully integrating as a member of our RBD Medical Team. The program aim is to gain working experience in the field as a MSL and home office exposure in Medical strategy, operations, and training. At the conclusion of the fellowship, you should be able to make a well informed decision on what roles in Medical best suit your career trajectory while having significant contributions to impactful medical tactics/planning.

OBJECTIVES

1. Learn to effectively gather and analyze key medical insights and support Congress scientific coverage.
2. Work closely with MSL mentors to gain skills in effective communication of scientific data, application of medical strategy, and engagement with external stakeholders in 1:1 and group settings.
3. Support field medical excellence initiatives by mastering medical affairs systems and processes while reporting on key impact indicators.
4. Work collaboratively with Medical Directors to set objectives and strategy and build specialized resources and tactics to support effective execution of those strategies.
5. Develop learning objectives and resources for training and continuing education for the Medical Affairs team.
6. Support with critical congress strategy, planning, and resource development.

SANOFI COMPONENT

Medical Science Liaison

- Training and certification in Rare Hematology or Hemophilia
- Development of training and new resources
- Support clinical insights gathering and analysis
- Congress planning and coverage

Headquarters Medical

- Support development medical objectives and strategies for therapeutic areas in RBD
- Learn Medical Affairs systems & processes including budgets, CRM, and Medical Reviews
- Understanding and implementation of key impact measurements for Senior Leadership
- Support the development of key resources and execution of advisory boards

Proposed Timeline of projects and activities planned for the fellow

- Program will be for 2 years
- Field Medical
- Home office medical (Medical Director & Medical Operations & Training)

Longitudinal Projects

- MSL certification and therapeutic area training
- Development and execution of field & home office training initiatives
- Support development of medical objectives and strategy development with Medical Directors
- Congress planning & development of post-congress report
- Implementation of key field based medical excellence initiatives
- Resource development for training and HCP engagement

Evaluation and Assessment of Fellow

- Monthly check-in's for feedback
- Evaluation at the mid-point and end of each rotation (8 total evaluations)

IDEAL CANDIDATE

- Biomedical PhD- preferably in the benign hematology space (but not mandatory)
- Good understanding of medical affairs; if no experience, enthusiasm and openness to learn
- Ability to work both independently and cross-functionally within a team environment
- Ability to problem solve and manage issues with a solution- focused approach
- Ability to work in a dynamic environment and is comfortable navigating ambiguity to drive innovative solutions
- Strong collaborative communications skills including the ability to engage with a diverse internal and external client base and find ways to manage through conflict
- Agility in the application of new digital solutions
- Must have permanent US work authorization

LOCATION

Cambridge, MA

Preceptors

Peter Chen, PhD
Head, US Medical Affairs, Rare Blood Disorders

Dina Issa, PharmD
Director of Field Medical Operations & Strategic Projects

NON RECRUITING

2-Year Fellowships

Biomarkers and Clinical Bioanalyses (BCB)

PRECEPTOR

Lin Tao, PhD, BE
Associate Director, Biomarkers and Clinical Bioanalyses- Boston

PRECEPTOR

Michael Gulianello
Associate Director, Biomarkers and Clinical Bioanalyses - Boston

External Engagement & Health Equity Strategy

PRECEPTOR

Tanisha Sullivan
Head, External Engagement & Health Equity Strategy - Corporate Affairs

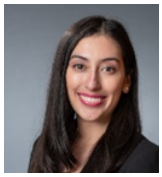
CURRENT YEAR FELLOW

Amaya Conner
Corporate Affairs- External Engagement & Health Equity Strategy
Post-Doctoral Fellow

R&D Global Operations - North America

PRECEPTOR

Beata McCormack, PharmD
R&D Global Operations North America Program Lead



CURRENT YEAR FELLOW

Julia M. Garza, PharmD
R&D Global Operations North America Post-Doctoral Fellow

Translational Medicine & Early Development

PRECEPTOR

Malidi Ahamadi, PhdD
Senior Director, Modeling & Simulation, Pharmacokinetics, Dynamics & Metabolism

CURRENT YEAR FELLOW

Kwasi Yeboah-Afihene
Modeling & Stimulation, Pharmacokinetics, Dynamics & Metabolism
Post-Doctoral Fellow

Leadership Team

Executive Sponsor

- Raquel Mura, PharmD, JD, MBA

Fellowship Lead, Sanofi & Howard University Fellowship, Howard University Stakeholder

- Beata McCormack, PharmD

Sanofi Steering Committee

- Zohreh Amoozgar, PharmD, PhD
- Jisun Ban, PharmD
- Helen Boyke, MS
- Kasey Boynton, MPH
- Julia Garza, PharmD
- Justin Lee
- Binal Patel, PharmD
- Nicole Perzigian
- Cristina Zamora, PhD

Howard and Sanofi Company Representative

- Julia Garza, PharmD
- Additional Company Representatives TBD

Brochure Committee

- Claudine Andre, PharmD, MBA
- Claudia Betancourt Perez, PharmD, MS
- Kasey Boynton, MPH
- Amaya Conner, PharmD, MHA
- Julia Garza, PharmD
- Jaelyn Green, PharmD
- Binal Patel, PharmD

Sanofi Orientation Committee

- Jisun Ban, PharmD
- Cynthia Sadera, PharmD, MBA
- Tyler Sanders, PharmD

Sanofi Fellow's Lunch and Learn Committee

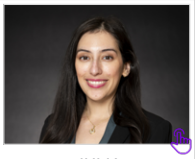
- Sunwoo Bae, PharmD
- Cynthia Sadera, PharmD, MBA

Meet & Connect
with the Fellows

2023-2025 Fellows

SUNWOO BAE
Functional Area- Clinical Development - I&I

PharmD - UNC Eshelman School of Pharmacy



JULIA GARZA
Functional Area- R&D Global Operations North America

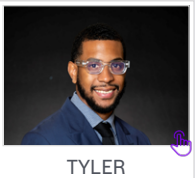
PharmD - University of Texas at Austin College of Pharmacy

ADEFEMI IGE
Functional Area- U.S. Medical Affairs

PharmD - Howard University College of Pharmacy

MUSTAFA QASIM
Functional Area- Research and Development, Type 2 Inflammation

PhD - Howard University

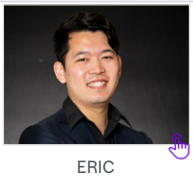


TYLER SANDERS
Functional Area- Clinical Sciences & Operations

PharmD - UC San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences

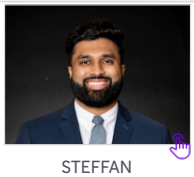
CYNTHIA SADERA
Functional Area- Global Regulatory Affairs- Specialty Care

PharmD - Texas A&M College of Pharmacy.



ERIC TAO
Functional Area- Rare and Neurological Diseases Research

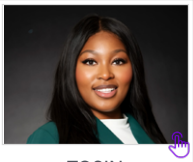
PharmD - University of Maryland Baltimore School of Pharmacy



STEFFAN VARGHESE
Functional Area- Global Medical - Immunology

PharmD - Temple University School of Pharmacy

2024-2026 Fellows



TOSIN AJAYI
Functional Area- Clinical Development I&I

PharmD - Belmont University College of Pharmacy & Health Sciences

SHAMSIDEEN ALI
Functional Area- Clinical Sciences & Operations

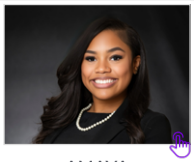
PharmD - Chicago State University College of Pharmacy

CLAUDINE ANDRE
Functional Area- US Medical - Immunology

PharmD - Temple University School of Pharmacy

CLAUDIA BETANCOURT PEREZ
Functional Area- Clinical Development I&I

PharmD - Concordia University Wisconsin School of Pharmacy

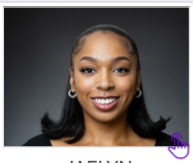


AMAYA CONNER
Functional Area- Corporate Affairs- External Engagement & Health Equity Strategy

PharmD - Xavier University of Louisiana College of Pharmacy

MADIOU DIALLO
Functional Area- Global Medical - Immunology

PharmD - Temple University School of Pharmacy



JAELYN GREEN
Functional Area- Global Regulatory Affairs- Specialty Care

PharmD- University of Maryland Eastern Shore School of Pharmacy

AMRITA HARRICHAND
Functional Area- Global Medical Evidence Generation Immunology

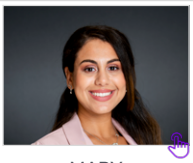
PharmD - Long Island University Pharmacy

SERINA LIN
Functional Area- Global Medical - Immunology

PharmD - St. John's University College of Pharmacy and Health Sciences

CANDY LU
Functional Area- US Medical - Immunology

PharmD - University of Kentucky College of Pharmacy



MARY MENA
Functional Area-Global Medical - Immunology

PharmD - St. Joseph's University Philadelpha College of Pharmacy

IVAN NYARKO-DANQUAH
Functional Area- Rare and Neurological Disease Research

PhD - Florida A&M University University College of Pharmacy

KWASI YEBOAH-AFIHENE
Functional Area- Drug Metabolism Pharmacokinetics Modeling & Simulation

PharmD - Rutgers School of Health Professions

TEHUT ZEWDU
Functional Area- Clinical Development I&I

PharmD- University of Illinois Chicago College of Pharmacy

Sanofi Embraces
FLEXIBLE WORKPLACE

Sanofi Commitment

At Sanofi, our flexible hybrid work guidelines empower you with the flexibility to get work done when you are most productive and in a way that fits your work and life. Our guidelines balance in-person and virtual work to help us connect, collaborate, and have the best of both worlds.

Fellow Perspective

"Making the impossible possible has always been a motto I live by everyday and to be able to work for a company and team that truly embodies that quote to the very core, has been an invaluable opportunity. Sanofi and my team specifically has been a guiding light in my professional journey. The passion, support, and trust displayed by the culture of the company during my fellowship have made it an incredible experience, making each day at work truly enjoyable and fulfilling."

Steffan Varghese

Fellow Perspective

"I am deeply appreciative of the tasks and responsibilities I've been entrusted with and the experience I've gained so far. For this fellowship, I work remotely, which has enabled me to manage my responsibilities from home with a high level of efficiency. As part of the Field Based Medical Affairs team, I also have the opportunity to connect with my team in person at conferences and through educational programs. Despite the remote setting, there have been opportunities to connect virtually with Sanofi employees and fellows for discussions or activities, which have significantly enriched my fellowship experience."

Femi Ige

Fellow Perspective

"The Sanofi and Howard University fellowship has provided me with invaluable tools and skills to excel in Regulatory Affairs. The opportunities provided by this program are boundless, and I am deeply grateful to be part of such a transformative experience. The people I've met here are equally incredible, making this journey even more rewarding."

Cynthia Sadera

ABOUT
HOWARD UNIVERSITY
FELLOWSHIP PROGRAM

The Howard University College of Pharmacy (HUCOP) stands as the singular college of pharmacy in our nation's capital, a legacy that dates to 1868. Since our establishment, HUCOP has been a stalwart provider of pharmacy education, consistently nurturing leaders who go on to make their mark on the global stage.

At HUCOP, our focus remains delivering a contemporary pharmacy education while paving new paths through scholarship, research, and professional growth.

Our distinction as the top ranked HBCU Pharmacy Program, as recognized by U.S. News & World Report is proof of our unwavering commitment to excellence across various domains.

Established in 2012, the pioneering HUCOP Pharmaceutical Industry Fellowship Program places a special emphasis on individuals from diverse backgrounds, particularly African Americans, with a proven track record of excellence, exceptional communication skills both written and oral, a receptive aptitude for mentorship, and an innate reservoir of leadership potential primed for C-Suite consideration.

Structured as immersive experiences spanning one to two years, our post-doctoral fellowships at HUCOP empower participants with hands on training. We provide coveted opportunities across academic, biopharmaceutical, clinical, corporate, and regulatory spheres, thereby nurturing solid groundwork essential for prosperous future careers in C-suite leadership positions within the biopharmaceutical industry.

We extend our gratitude to our valued partners, dedicated preceptors, and diligent staff members. Their commitment to guiding fellows through role modeling, coaching, and professional advancement remains instrumental to our shared success.

Excellence in Truth and Service,

Dr. Earl B. Ettienne
Fellowship Director
HUCOP Fellowship Program Team

EARL ETTIENNE, BSC, PHARM., MBA, L.P.D., RPH
Fellowship Director and Assistant Dean

Graduate Programs & Industrial Partnerships
Co-Chair Medical IRB, Associate Professor
Howard University College of Pharmacy

MRS. CHRISTINA FLOOD
Fellowship Budget Analyst

Graduate Programs & Industrial Partnerships
Howard University PACE Center

1867
HOWARD
UNIVERSITY

Pharmacy instruction at Howard University began in the "Department" of Medicine in 1868. The initial course held in the evening, offered students "knowledge of the art and science of pharmacy." The College of Pharmacy has the distinct legacy of graduating the very first graduate student at Howard University in 1870; Dr. James Thompson Wormley.

Since this early beginning, the College of Pharmacy has been among the leaders in the preparation of individuals for rewarding careers in pharmacy.

The College of Pharmacy currently offers an entry-level four-year Doctor of Pharmacy (Pharm.D.) degree program, a two-year post-B.S. Pharm.D. degree program, a Non-traditional Pharm.D. degree program, and the M.S. and Ph.D. degrees in Pharmaceutical Sciences.

Consistent with the mission of Howard University, the College's mission is to provide pharmaceutical education of excellent quality to students with high academic, scholarship and leadership potential, with particular emphasis upon the recruitment, retention, and graduation of promising African American and other minority students.

Howard University College of Pharmacy strives to be a premier University in teaching, learning, research, leadership, and service locally and globally.

The College fosters the creation of new knowledge through innovative research and scholarship, commitment to community service, continuous professional development, and dedication to superior pharmacy practice locally and globally.

The College of Pharmacy has a cadre of dedicated faculty who are highly experienced in teaching, professional practice, and research.

HUCOP PHARMACEUTICAL INDUSTRY FELLOWSHIP PROGRAM

Fellowship Program Mission & Values

PURPOSE

Howard University College of Pharmacy Pharmaceutical Industry Fellowship Program (HUPIF) serves to develop fellows with competency and the skill set necessary to serve as integral leaders in academia, biopharmaceuticals, policy, research, and U.S. Food and Drug Administration (FDA). Our fellows will participate in cutting-edge projects and provide expertise on unique patient health challenges in partnership with their respective fellowship programs.

MISSION

We strive to provide premiere professional development fellowships to candidates with high academic, scholarship, and leadership potential, with particular emphasis upon the recruitment, retention, and graduation of promising African American and other ethnically diverse minority fellows.

VISION

We aim to be a model for academic-industrial partnerships in the development of highly talented, innovative post-doctoral professionals from minority ethnicities that make impactful and transformative support to the organizations and the communities that they serve.

VALUES

We value diversity, integrity, professionalism, collaboration, cultural competence, and a commitment to excellence.

APPLICATION & RECRUITMENT *PROCESS*

ELIGIBILITY CRITERIA:

To be eligible for a Pharmaceutical Industry Fellowship at HUCOP, candidates should have graduated from an accredited College/ University with a Pharm.D. or PhD, in Pharmaceutical Sciences or related life sciences discipline, or will be by the start of the Fellowship. Candidates must hold a degree as of July 1st of the Fellowship term.

APPLICATION REQUIREMENTS:

- Curriculum Vitae
- Letter of Intent
- Three Letters of Recommendations
- Transcript of PharmD/PhD coursework

2025 ENTRY APPLICATION
Opens on September 15th, 2024

Must be completed by November 23, 2024

Interviews are conducted on a rolling basis

HOW TO APPLY:

Interviews are conducted on a rolling basis, interested candidates may submit their supporting materials no later than 11/23/2024.

Interested candidates may submit their application and supporting materials by scanning the QR code or visiting our application form and portal:

HUCOP Pharmaceutical Industry Fellow Position Application Form and Portal

CONTACT INFORMATION

Program Email: pharmacy.fellowship@howard.edu

Website: https://pharmacy.howard.edu/fellowship-programs

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