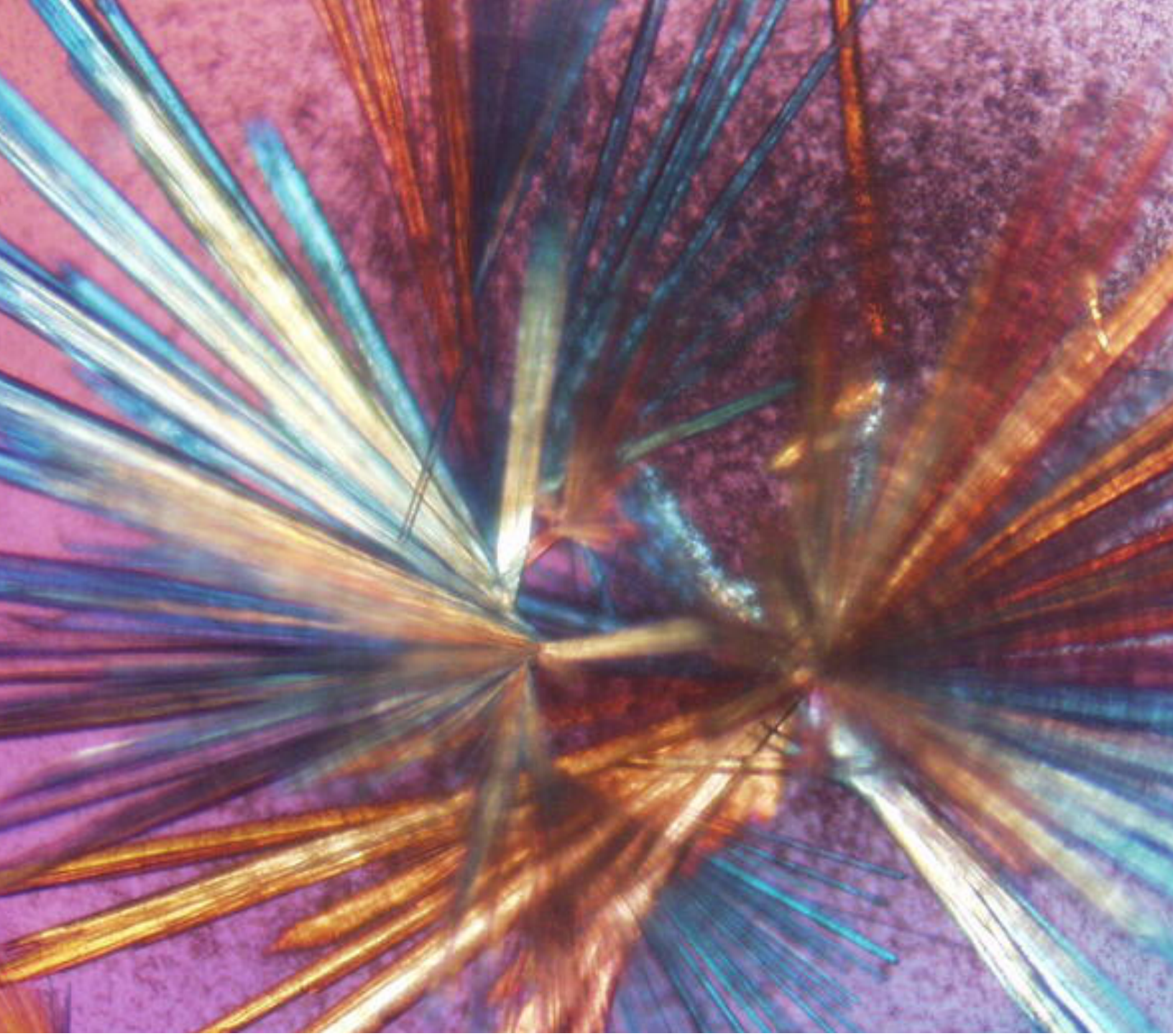


sanofi

PHARMACEUTICAL INDUSTRY FELLOWSHIP PROGRAM

IN PARTNERSHIP WITH HOWARD UNIVERSITY

2023

1867
HOWARD
UNIVERSITY

TABLE OF CONTENTS

SANOFI AT A GLANCE

Together improving access to health care for the underserved

Developing communities and employee engagement

Upholding ethics & transparency

Addressing environmental challenges

OUR RESPONSIBILITY

Every day, we chase the miracles of science to improve people's lives. We don't just imagine the change the world needs, we try to do everything to make it happen. Pioneering biotech, enhancing immunity, saving lives. It takes all of us to make this a reality. We have around 100,000 employees worldwide working together to make life better for patients, partners, communities, and our own people.

Fueled by data and digital technologies, our cutting-edge science and manufacturing have the potential to transform the practice of medicine, turning the impossible into possible for millions of people around the world. And when we discover the extraordinary, we're already planning where to go next.

Our patients motivate us to pursue medicines and vaccines with the greatest potential to improve lives and protect public health. We're a big company with a rich heritage of discovering life-changing medicine, committed to making a big impact as citizens of the world.

SANOFI AT A GLANCE

Three core Global Business Units focused on delivering our Play to Win strategy: Specialty Care, Vaccines, and General Medicines. Consumer Healthcare is a standalone business unit.

R&D PORTFOLIO

As of December 2021, the R&D pipeline contained 91 projects including 34 projects that are in phase 3 or have been submitted to regulatory authorities for approval. Some of these are new molecular entities while others are existing products with potential new indications, or different formulations.

INDUSTRIAL NETWORK

Manufacturing is key to our business. We manufacture more than 80% of our diversified portfolio of biologics, vaccines, injectables, established products and over-the-counter solutions.

Additionally, in response to the worldwide COVID pandemic, we entered into unique partnerships with other healthcare companies to manufacture and distribute their approved vaccines, while simultaneously researching and testing our own COVID vaccines.

AROUND 34,000 PEOPLE INVOLVED

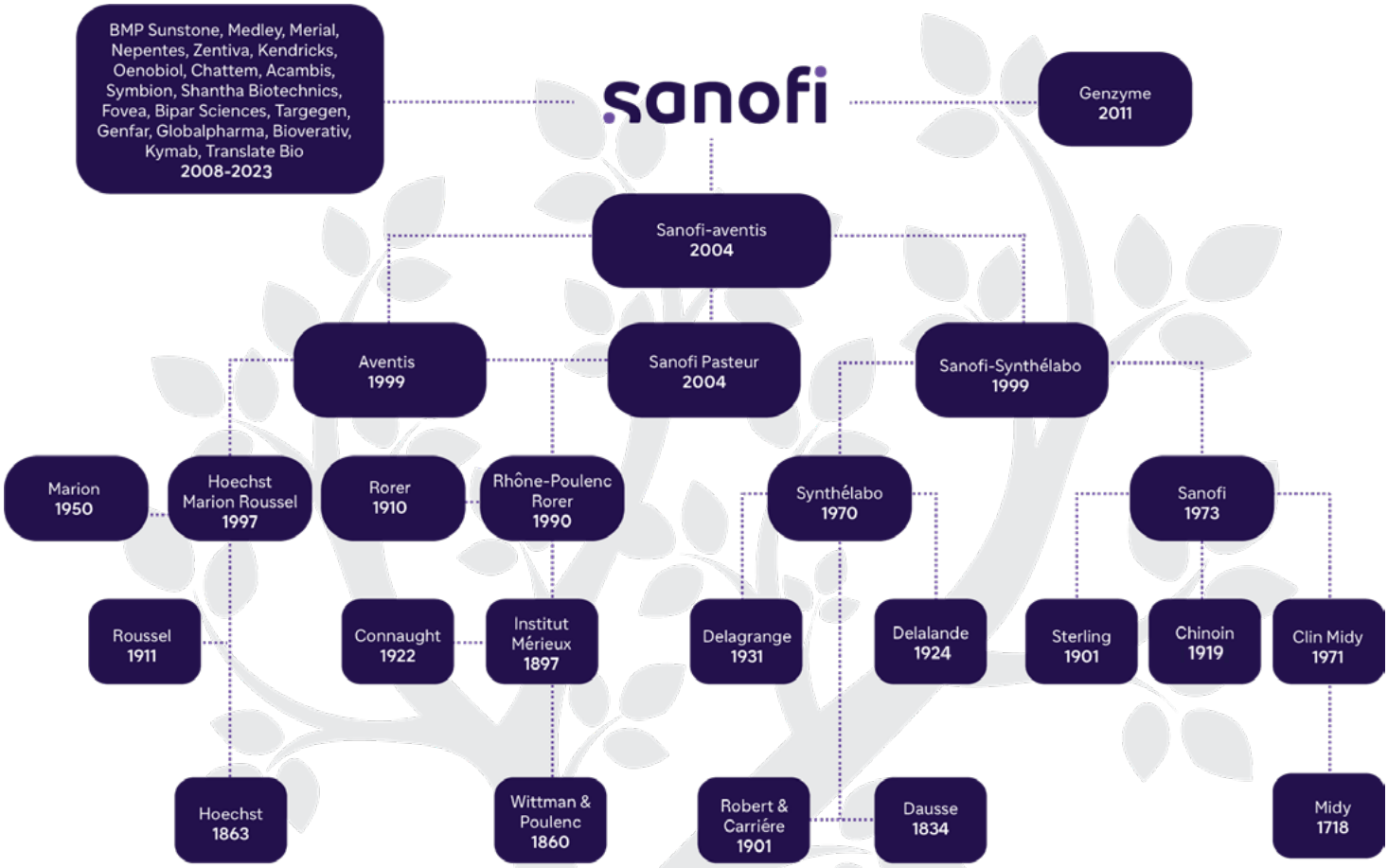
70 manufacturing sites

More than 4.8 billion units of pharmaceuticals, consumer healthcare and vaccines, including in-house and outsourced production, were sold in 2021.

COMPANY INFORMATION

We are an innovative global healthcare company, driven by one purpose: we chase the miracles of science to improve people's lives. Our teams across the world strive to transform the practice of medicine through our Play to Win business strategy, turning the impossible into the possible for patients. We provide potentially life-changing treatments and the protection of life-saving vaccines to millions of people, and affordable access to our medicines in some of the world's poorest countries.

Scientific discoveries don't happen overnight or without hard work. But our determination to find answers for patients motivates us to develop breakthrough medicines and vaccines. And to never settle. Our deep expertise in disease biology helps us select the most promising tool for each target, while our unique technology toolkit allows us to develop vaccines, drugs, biologics, and genomic medicines. By shedding new light on the biology behind diseases, we can get at the root causes. We take smart risks, learn from failure, and master new techniques to overcome barriers and accelerate progress.



DIVERSITY, EQUITY & INCLUSION

Better is out there. Better medications, better outcomes, better science. But progress doesn't happen without people – people with different perspectives and from different backgrounds, in different locations, doing different roles, all united by one thing: a desire to make miracles.

At Sanofi, diversity, equity and inclusion (DEI) is foundational to how we operate. Our ambition is to reflect the diversity of our communities. That means increasing representation at all levels of our organization. We prioritize and embrace the benefits of DEI in our workforce so employees can grow, contribute to their fullest potential and unleash their best selves every day to transform the practice of medicine.

We depend on the diversity of experience and talent of our employees to be more innovative, effective and competitive. By maximizing the power of difference, we create a culture where employees feel engaged, empowered and included.

Science is for everyone. We're proud of our long-standing relationships with patient communities, and grateful to the many people who share their experiences and participate in research. We're determined to make our clinical trials fully inclusive, so our science reflects the true diversity of human biology. We won't settle for anything less.

RESEARCH

IMMUNOLOGY AND INFLAMMATION

Type 2 Immunity and Dupixent

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 Type 2 Immunity and Dupixent, Complement Biology, Immune Checkpoint Biology, Targeted Autoimmunity and Type 1 Diabetes, and Type 1 & 17 Immunity. We work relentlessly to identify and validate new first-in-class, best-in-class molecules to address highly unmet medical needs as well as extend our understanding of current medications through dedicated research studies to maximize the value of our drugs in approved indications.

GOAL

Our team provides a supportive environment for the fellow to gain insight into potential career paths in Research function in a pharmaceutical setting. The fellow will acquire hands-on experience using in vitro and in vivo immunological skills with state-of-the-art technologies to execute preclinical research work and enhance our understanding of type 2 inflammation.

OBJECTIVES

1 Support an exciting research project, working closely with scientists in the group to establish assays to advance our knowledge of interactions between mast cells and other cell types that contribute to type 2 inflammatory diseases.

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 and communication 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 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.

Leadership: Over the course of preceptorship, the fellow will learn to lead the project and interact and align with key stakeholders to drive the direction of the project.

Innovation: The fellow will learn and explore innovative technologies including omic approaches in Sanofi and potentially incorporating them into the research project to build our understanding of type 2 inflammation.

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.

IDEAL CANDIDATE

- 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 type 2 inflammation.
- The candidate should possess ability to work effectively both independently and collaboratively and have strong organization, communication, presentation, and interpersonal skills.

LOCATION

Cambridge, MA

RESEARCH

RARE OR NEUROLOGICAL DISEASE

OVERVIEW

The Rare and Neurological Therapeutic Area research group is working on understanding diseases with 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 ALS, Alzheimer's disease, Parkinson's disease, and multiple sclerosis.

GOAL

Sanofi is seeking a curious and motivated fellow to support disease biomarker discovery efforts in the Neuroinflammation Cluster within the Rare and Neurological Disease research group. You will help Sanofi uncover robust biomarker signatures associated with disease through the integration of diverse in-house and external omics datasets. This will also support a stronger understanding of disease signatures and targets. In utilizing these approaches, the goal for fellow joining is to train the individual in various aspects of drug discovery and drug development in a high paced setting.

OBJECTIVES

1 A key objective for this project will be to utilize the large human specific data sets that our group has generated across different diseases and to identify common nodes in neurodegeneration. These hypotheses will then be tested in both in vitro and in vivo settings to identify novel targets and biomarkers.

SANOFI COMPONENT

The fellow will be exposed so 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 like RIPK1, BTK, and aCD40L for MS and ALS. The goal is to generate a playbook for future reverse translation efforts in the group.

IDEAL CANDIDATE

We are looking for a highly qualified and motivated scientist to join the precision neurology and neuroinflammation cluster, focused on discovering, validating, and developing therapies for rare neurologic and neurodegenerative diseases. This position will combine computational analysis of omics and clinical data as well as laboratory work. The ideal candidate will be responsible for working individually and as part of a team to design and execute experiments.

LOCATION

Cambridge, MA

RESEARCH

IMMUNO-ONCOLOGY CELL THERAPY CLUSTER

Global Oncology Research

OVERVIEW

Cancer is the second leading cause of death globally. At Sanofi, we believe in a world in which the combination of ground-breaking science, AI and novel technologies brings a new wave of therapies for areas of high unmet need. We are strongly investing in new partnerships and acquisitions to spur rapid innovation. That's why we are looking for bold and ambitious scientists to join our Oncology Research Department in our mission to restore hope for people living with cancer. Our department is divided into multiple clusters, each working relentlessly to identify and validate new first-in-class, best-in-class molecules or therapeutic modalities to address high unmet medical needs as well as extend our understanding of biology and immunology of cancer, how the current medications work through dedicated research studies to maximize the value of our drugs in approved indications. Specifically, we re-engineer immune cells to adaptively transfer to patients to selectively kill the tumor cells. Immune cells will function as living drugs and, in favorable situations, expand and exert a robust anti-tumor response. Similarly, they are bound by the same laws that endogenous human cells are, such as exhaustion by tumor-produced factors, abnormal tumor vessels, and other obstacles that a suppressive tumor microenvironment poses. We try to remove barriers to the success of cell-based therapies in our group.

GOAL

We will provide a supportive environment for the fellow to learn about potential career paths in Research function in a pharmaceutical setting. A comprehensive training program is set in place to train the fellow hands-on in the lab in conducting experiments designed to ask a fundamental biological question on how the tumor microenvironment (TME) exerts immunosuppression on cell-based therapies and how we can alleviate the immunosuppression.

OBJECTIVES

1 Support existing therapeutic programs by developing assays and techniques to mimic the tumor microenvironment to test antibodies and biomaterials (e.g., nanoparticles) that alter the immune system in favor of tumor cell eradication.

2 Learn how within a therapeutic area a project is developed and moves through stages of drug development, and how to be effective in a highly organized large pharma.

3 Develop proficient interpersonal and communication skills when interacting with key stakeholders.

4 Work on multiple assignments under one deliverable outcome, and effectively document scientific data to move projects forward and impactful scientific publications.

SANOFI COMPONENT

Develop research and communication skills: 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 the preparation and presentation of scientific data as global talks, international conferences, and impactful scientific publications.

Leadership: Over the course of preceptorship, the fellow will learn to lead the project and interact and align with key stakeholders to drive the direction of the project.

Innovation: The fellow will learn and explore innovative technologies (e.g., system biology approaches and drug delivery) in Sanofi and potentially incorporate them into the research project to build our understanding of mechanisms through which we can alleviate immunosuppression in tumors to potentiate immunotherapy.

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.

IDEAL CANDIDATE

A PharmD with a passion for cancer research and drug development having all of some of these skill sets:

- Advanced knowledge of therapeutics
- Working knowledge of biology
- Strong technical/analytical skills to identify and solve problems
- Proven ability to work with a high level of integrity, accuracy, and attention to detail
- Strong organizational skills in order to maintain a high level of productivity to complete assignments on-time
- Scientific writing and presentation skills as excellent oral and written communication skills are required for effectively interfacing with all members of the company
- Self-motivated, enthusiastic, and results-oriented

LOCATION

Cambridge, MA

RESEARCH

DRUG METABOLISM AND PHARMACOKINETICS

DMPK Platform US

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. Additionally, in conjunction with pharmacology teams, DMPK scientists will design and interpret pharmacokinetic/pharmacodynamic (PKPD) studies to understand the relationship between drug concentration and pharmacologic effect and predict efficacious doses. DMPK is also responsible for developing robust bioanalytical assays that allow for an accurate quantitation of development candidates in biological matrices.

GOAL

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

OBJECTIVES

Objectives to be tailored to candidates' skills/interests but could potentially include:

1 Designing, conducting, and outsourcing in vivo pharmacokinetics and/or in vitro metabolism/drug interaction studies

2 Analyzing/interpreting and reporting results

3 Developing and running bioanalytical assays

4 Writing pharmacokinetics reports

5 Conducting PKPD analysis

SANOFI COMPONENT

Provide training and mentorship to achieve the goal and objectives.

IDEAL CANDIDATE

- Highly motivated
- Strong organizational and communication skills
- Background in pharmacokinetics, drug metabolism, molecular biology, bioanalysis or modeling and simulation

LOCATION

Cambridge, MA

CLINICAL DEVELOPMENT

IMMUNOLOGY AND INFLAMMATION

OVERVIEW

Sanofi scientists and physicians are committed to helping people who are suffering from immune-mediated diseases that have long eluded treatment. 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 medicine, Dupixent. 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 Commercial, build the project development strategy and plan, and generate and execute the development plan. For our clinical studies, we provide 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 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) 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
- Agility in the application of new digital solutions
- Must have permanent US work authorization

LOCATION

Cambridge, MA

DEVELOPMENT

BIOMARKERS AND CLINICAL BIOANALYSES (BCB)

OVERVIEW

BCB is a global department within the Translational Medicine and Early Development group focused on the translation of research projects into nonclinical and clinical development. BCB functions as a regulated laboratory responsible for the implementation of bioanalytical methods used for the analysis of biomarkers, pharmacokinetics, and immunogenicity and supports programs from early development in non-clinical species through FDA approval. The BCB fellowship will provide the fellow with training and hands on experience in the development and implementation of methods to support regulatory submissions.

GOAL

To provide the fellow with exposure to the drug development pipeline through the perspective of bioanalysis. Upon successful completion of the program, the fellow will have gained considerable experience with ligand binding assays in a regulated environment in the setting of an innovative R&D organization in a large biopharmaceutical company.

OBJECTIVES

1 In the initial months, the fellow will be introduced to laboratory techniques through intensive hands-on training in different immunoassay platforms. Additionally, the fellow will learn the regulatory requirements of nonclinical and clinical development.

2 The fellow will lead a nonclinical or clinical program while being closely mentored by a staff member and gain hands-on experience in nonclinical or clinical development.

3 The fellow will attend cross-functional meetings to ensure a deep and broad learning experience.

4 The fellow will better understand the impact and contribution of bioanalysis to patient safety.

5 The fellow will gain exposure to different therapeutic areas such as oncology, immunology, and rare diseases.

6 The fellow will learn how to be effective in a highly matrixed organization.

SANOFI COMPONENT

Understanding the early drug development process: How does a bio-pharmaceutical company proceed from the toxicology studies in animals to give an experimental medicine to a healthy volunteer or patient for the first time? How is the dose chosen? How is safety ensured? What are the details of proceeding to early clinical studies? The fellow will learn essentials of translational medicine and early development.

SANOFI COMPONENT (CONT.)

Teamwork/Leadership: The fellow will work in a dynamic team setting, in which collaboration is key. The fellow will have the opportunity to lead one or more aspects of selected projects.

Communication: For the teams to be effective, communication is critical. The fellow will participate in various meetings essential to the early drug development process. The fellow will have the opportunity to present their work, with guidance from their mentor so that the fellow can optimize their communication skills.

Networking: The fellow will have extensive opportunity to interact with Sanofi staff in various disciplines, as well as the other fellows.

Innovation: The fellow will learn how Sanofi is exploring new bioanalytical techniques to bring medicine to patients faster. The fellow is encouraged to make proposals for additional innovations based on their experience in pharmacy training – great ideas come from multiple sources.

IDEAL CANDIDATE

- PharmD degree
- Prior experience in laboratory techniques, with a deep interest in working in a bioanalytical lab to bring medicines to patients.
- Demonstrated scientific expertise with keen analytical skills to assess the results of laboratory experiments.
- Demonstrated effective communication skills. Skillfully plans, prioritizes, and executes multiple responsibilities.
- A desire to learn in a dynamic environment while also making individual contributions. Robust interpersonal skills and ability to work cross-functionally.

LOCATION

Cambridge, MA

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. Running trials to specific timelines, within budget, and to rigorous quality standards requires teams of dedicated associates playing a plethora of functional roles, including: medical writers, trial managers, clinical scientists, medical advisors, and supply chain managers. During the first year, the fellow will be given the opportunity to contribute to study teams in a number of roles before focusing on one area for their second year.

GOAL

Provide the fellow with insight into potential career paths in clinical development while providing opportunity to contribute to one or more clinical study teams.

OBJECTIVES

1 Develop an understanding of how the various functions contribute to a clinical study team.

2 Learn how to be effective in a highly matrixed organization, as well as manage vendors.

3 Become familiar with clinical study documentation (e.g. protocols, investigator brochure, informed consent form); how they are designed, written, and distributed during the course of a study.

4 Contribute to a study feasibility assessment, taking into account the site, and patient perspective.

5 Use multiple sources of data to build and/or manage a study budget.

6 Contribute to the construction of an operational plan including supply chain management strategy.

7 Become familiar with the quality and regulatory standards expected of our study teams.

8 Partner with CSO to implement clinical trial diversity strategy.

SANOFI COMPONENT

Leadership/Teamwork: The fellow will gain experience working in an international, multicultural team setting. The fellow will demonstrate independent thinking and develop leadership skills to challenge the status quo within the team.

Networking: The fellow will build an extensive network internally because of our team-centric approach. Additionally, there will also be opportunities to interact with patients, research sites, vendors, and key opinion leaders.

Communication: There will be significant opportunities to develop communication skills through presenting at multiple forums, including study team meetings, investigator meetings, and department meetings.

Innovation: Clinical operations is a dynamic, rapidly evolving environment with opportunities to implement new digital technologies that will reduce the burden on the patient and study sites. The fellow will be encouraged to propose and/or pilot new approaches to clinical development.

IDEAL CANDIDATE

The ideal candidate for Clinical Sciences and Operations should have:

- Effective communication skills to facilitate cross-functional teamwork within Clinical Sciences and Operations
- Independent thinking to optimize the efficiency of clinical operations
- Flexibility to adapt to changes in a dynamic working environment

LOCATION

Bridgewater, NJ

R&D NORTH AMERICA
OPERATIONS

OVERVIEW
Are you passionate about chasing the miracles of science to improve people's lives and helping create the leading biopharmaceutical R&D organization in North America? At Sanofi, the purpose of the Global Operations team is to provide an exciting, leading and supportive environment for our people to maximize the value of our pipeline and bring transformative drugs with pace to patients. In NA R&D Operations we support R&D teams with processes and tools, knowledge and collaborative networks to ensure best-in-class implementation of our project strategies and maximize the engagement of our people across all our sites.

GOAL

The Global Operations team provides and leads a supportive environment for our people to maximize the value of our pipeline and bring transformative drugs to patients. R&D North America Operations supports R&D teams with processes and tools, knowledge, and collaborative networks to ensure best-in-class implementation of our project strategies and maximize engagement of people across all sites. The program goal is to provide the Fellow with the experience and opportunities to interact with multi-disciplinary teams in driving projects that enable R&D Operations and programs across North America.

OBJECTIVES

1 Develop R&D operations portfolio, project, and data management skills.

2 Obtain experience in understanding user needs and design thinking methodologies, relevant data processing and presentation/visualization to drive continuous improvement.

3 Obtain insight on how to connect different sources of data and gain insight across multiple R&D groups/ functions.

4 Develop proficient communication skills when interacting with internal and external stakeholders.

5 Become knowledgeable of current Biopharma and scientific trends.

SANOFI COMPONENT

Contribute to simplification and continuous improvement of R&D processes. The fellow will work with cross functional groups and colleagues to help implement and design solutions that bring simplicity and user friendliness to complex business challenges to drive efficiency, productivity for R&D processes.

SANOFI COMPONENT (CONT.)

Change Management/ Teamwork/ Leadership. The fellow will actively lead or contribute to change management and future of scientific work projects and/or activities within R&D NA team. In addition, the fellow will support multi-disciplinary teams that may include various therapeutic areas and external stakeholders.

Assist in data management activities and dashboarding. The fellow will prepare various dashboards and data sets pertaining to R&D NA Operations portfolio of projects. The fellow will evaluate various technological approaches and tools as an expert user and aid in prioritizing and selecting the right tool in partnership with our Digital organization.

Contribute to external ecosystem leadership meetings. The fellow has the opportunity to contribute to the preparation and execution of leadership meetings including developing content and briefing packages, organizing internal meetings with external stakeholders, and taking minutes for external meetings to drive the external ecosystem engagement plan.

Become an integrated part of R&D NA Operations team. The fellow will learn how to apply and implement advanced technological approaches, user centricity, tools and strategies to improve project and process efficiency and ways of working.

Networking. The fellow will enhance their influencing, negotiation, change management and leadership skills.

IDEAL CANDIDATE

The ideal candidate for this fellowship has the desire to learn the skills needed to develop streamlined and user centric approaches and strategies to improve process efficiency and ways of working. The candidate should be eager to learn about change management, transformation, portfolio management, user centric design, use of digital tools and how to evaluate them in developing a strategic plan. Dynamic candidates with a passion for organizational culture, project and portfolio management, collaborative engagement with multiple stakeholders, data science, and strong independent work ethic are encouraged to apply.

LOCATION

Cambridge, MA

GLOBAL REGULATORY AFFAIRS

SPECIALTY CARE

OVERVIEW

Sanofi's global specialty care business unit focuses on rare diseases, rare blood disorders, neurology, immunology, and oncology. Sanofi's ambition is to leverage science and innovation to improve people's lives and be the industry leader in immunology and oncology. Its approach is shaped by a long history of developing highly specialized treatments and forging close relationships with physician and patient communities.

GOAL

Gain hands-on experience across a variety of specialties within the Global Regulatory Affairs department. Develop a well-rounded understanding of the regulatory functions and drug development process from early stage to postmarketing. Lead team meetings, develop regulatory strategy, and contribute to and lead Health Authority submissions with increasing responsibility throughout the Fellowship program.

OBJECTIVES

1 Develop regulatory strategic skills while contributing to global pre- and post-approval planning and submissions.

2 Partner with Medical, Legal, Marketing, and Safety in delivering products for diseases globally.

3 Gain experience in the review and approval of promotional materials, including effective feedback skills.

4 Opportunity to engage with global colleagues and learn country/region-specific regulatory processes.

5 Develop strong communication and project management skills of our study teams.

SANOFI COMPONENT

The Global Regulatory Affairs Specialty Care fellowship program will allow the individual to explore and understand the broad remit of the Global Regulatory Team Lead (GRTL) role at Sanofi.

The fellow will be following a development plan with given exposure and project driven experiences working on different therapeutic modalities at various stages of clinical development, to develop the tactical and strategic capabilities needed to be a successful regulatory professional.

IDEAL CANDIDATE

The ideal candidate would have received a PharmD from an accredited US Pharmacy School and have excellent written and verbal communication skills and basic science/clinical research or industry experience relevant to the therapeutic area where they will be working.

LOCATION

Cambridge, MA

US MEDICAL
IMMUNOLOGY

OVERVIEW

The US Medical team leads the industry in expertise, innovation and candor by creating and executing on medical strategies that drive measurable health impact, results and value to key decision makers, health care providers and their patients.

GOAL

Provide the fellow with insight into potential career paths in Medical Affairs while providing opportunity to contribute to one or more therapeutic areas within the Immunology team.

OBJECTIVES

1 Develop an understanding of how the various functions contribute to the medical affairs team.

2 Learn how to be effective in a highly matrixed organization, as well as manage vendors.

3 Become a content expert on the clinical and scientific data around Type 2 inflammation.

4 Strengthen the collaborative relationships with the Field and Headquarters Medical teams.

5 Gain experience in field based medical affairs: support coverage and presentations at medical and scientific meetings and engage with KOLs to cultivate an in-depth understanding of cutting-edge information that will help shape the medical strategy.

6 Lead projects within US Medical, including creation of deliverables and internal resources for teams.

SANOFI COMPONENT

Understanding medical affairs: As a member of the medical affairs team, the fellow will gain expertise in the development of medical strategy.

Leadership to create impact: Over time, the fellow will have an opportunity to lead initiatives to help build the strategy of medical affairs for supporting the design of clinical studies, assessment of competitive landscape, and development of educational materials and training.

Develop medical strategy skills: The fellow will get hands on training in medical strategy development, content review, and study design.

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 contribute to the medical strategy.

IDEAL CANDIDATE

The ideal candidate for US Medical - Immunology should have:

- 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 ability to articulate therapeutic knowledge
- Skillfully plans, prioritizes, and executes multiple responsibilities and projects

LOCATION

Cambridge, MA

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.

APPLICATION & RECRUITMENT PROCESS

ELIGIBILITY CRITERIA:

Graduated with a PharmD or PhD (biomedical science), or will be by the start of the Fellowship

Ability to pass a background check

APPLICATION REQUIREMENTS:

Curriculum Vitae, Letter of Intent, 2 to 3 Letters of Recommendation and Interview(s)

2023

HOW TO APPLY:

Submit application upon completion to **Earl.Ettienne@Howard.edu** with the subject line Sanofi Fellowship Application.

(Please note that this process will change to a portal system after this cycle.)

sanofi

WWW.SANOFI.COM