2021

Pharmaceutical Industry Fellowship Program

Daiichi-Sankyo

RUTGERS
Institute for Pharmaceutical Industry Fellowships

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★ **U.S.** Daiichi Sankyo, Inc.
211 Mt. Airy Road,
Basking Ridge, NJ 07920
Phone: +1 908 992 6400

Global Daiichi Sankyo Co., Ltd.
3-5-1, Nihonbashi Honcho,
Chuo-ku, Tokyo, 103-8426 Japan

REVENUE FY19

Global	★ U.S.
$9.028 billion	$1.499 billion*

Daiichi Sankyo has a 100-year history of innovation and discovery, with a primary focus on bringing forth novel therapies in oncology and additional focus on new horizon areas.

Daiichi Sankyo Group is dedicated to the creation and supply of innovative pharmaceutical therapies to improve standards of care and address diversified, unmet medical needs of people globally by leveraging our world-class science and technology. With more than 100 years of scientific expertise and a presence in more than 20 countries, Daiichi Sankyo and its 15,000 employees around the world draw upon a rich legacy of innovation and a robust pipeline of promising new medicines to help people. In addition to a strong portfolio of medicines for cardiovascular diseases, under the Group's 2025 Vision to become a "Global Pharma Innovator with Competitive Advantage in Oncology," Daiichi Sankyo is primarily focused on providing novel therapies in oncology, as well as other research areas centered around rare diseases and immune disorders. For more information, please visit **www.daiichisankyo.com**.

Daiichi Sankyo, Inc. is a member of the Daiichi Sankyo Group and is focused on the development of oncology therapies and specialty medicines. Daiichi Sankyo, Inc. medicines approved in the U.S. include therapies for metastatic breast cancer, tenosynovial giant cell tumor, metastatic melanoma, hypertension, dyslipidemia, diabetes, thrombosis, stroke risk reduction, acute coronary syndrome and IV iron therapy.

** This includes revenue generated by Daiichi Sankyo, Inc., and American Regent, Inc.*

OUR CORE VALUES

Daiichi Sankyo's values are the guiding principles that direct decision-making. They speak to what is important to the organization and the individuals, along with what patients, customers and employees can expect.

Innovation

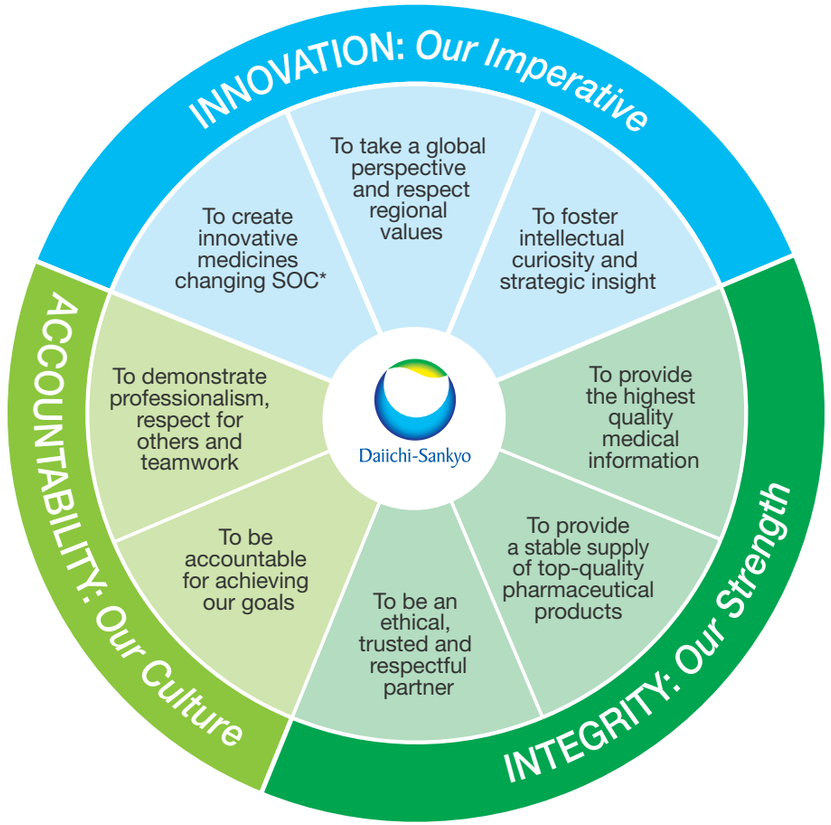
Pharmaceutical innovation and therapeutic advances have had a dramatic impact on the lives of millions of people the world over. Innovation is our passion as well as a fundamental requirement in our ongoing pursuit to create innovative, world-class medicines. We encourage each employee to share in the spirit of innovation.

Integrity

We are distinguished by integrity. We strive to do things right as well as do the right things to improve the health and well-being of patients worldwide.

Accountability

Accountability is the cornerstone of our culture. It is at the intersection of research and patient need that we find our greatest challenges and our most extraordinary opportunities. We demonstrate our compassion for people, and we honor our commitments to all those who depend on us to provide innovative therapies to patients around the globe.



SOC (Standard of Care): Universally applied best treatment practice in today's medical science

Daiichi-Sankyo

A MESSAGE FROM OUR U.S. PRESIDENT

"Daiichi Sankyo is a unique, global organization that has a rich history of innovation, research and discovery. As our people embrace challenges, we support them in seeking new opportunities and growing their careers. Fellows thrive in the culture we have built at Daiichi Sankyo and begin contributing to our mission, to bring new, meaningful medicines to the world, from day one."

Ken Keller,

President and CEO, Daiichi Sankyo, Inc. & American Regent, Inc.

FELLOWSHIP EXPERIENCE

Promising New Compounds

More than 35 products currently in our pipeline in diverse therapeutic areas

Professional Connections

Fellows are integrated into project teams which help expand their professional network

42 Fellowship Alumni

Unique and valuable hands-on experience for every fellow

Global Mid-size Company

Provide products in over 20 countries and encompass 15,000 employees worldwide

Daiichi-Sankyo

Therapeutic Areas

Areas of focus include:
oncology and specialty therapeutics

Leadership Potential

Fellows plan and execute strategy and tactics by leading projects, presentations and meetings cross-functionally

Track Record of Innovation

Heritage of scientific discovery spans 110 years from the discovery of epinephrine to the development of the first statin and glitazone

Diverse Career Opportunities

Fellows have crossed into different functional areas both during and after the program

Why This Mid-Sized Company?

At Daiichi Sankyo, Inc., our people are our greatest asset and by investing in inclusion and diversity practices across the organization we firmly believe we are able to bring the best medicines to our patients. Our goal is to become a global pharmaceutical leader by 2025. To do this, we're developing a culture of belonging in which we elevate all voices to enable all our colleagues to bring their full selves to work. This way, we leverage the vast experiences, perspectives and talent of our employees to meet our important business goals and bring innovative medicines to our patients.

- Individualized experience aligned with fellows' interests
- Broad support throughout the organization
- Close interactions with high-level positions and peers
- Many opportunities to lead, rotate and/or assist with projects in various areas of the business to gain exposure to different areas of the pharmaceutical industry
- Open and approachable leaders
- Comfortable and supportive work environment

INTERACT

Daiichi Sankyo Pharmaceutical Industry Fellowship Program 2021

U.S. Medical Affairs Fellows

U.S. Medical Affairs Fellowship

- 1 Two-Year U.S. Medical Affairs Position
- 1 Two-Year U.S. Medical Affairs - Medical Information & Education Position

The goal of the two-year U.S. Medical Affairs Fellowship Program is to provide real-world, hands-on experience in oncology across traditional functional areas of a Medical Affairs Department. Core functional areas of the U.S. Medical Affairs Department include Medical Information & Education, Medical Research & Strategy, and Field Medical. There will be two different U.S Medical Affairs fellowships available: U.S. Medical Affairs and U.S. Medical Affairs — Medical Information & Education. Throughout their program, fellows will gain a greater in-depth understanding of Medical Affairs as well as cross-functional interdependencies within the pharmaceutical industry.

The first year of the U.S. Medical Affairs position is designed to be project-based as opposed to rotational. The fellow will support the development of medical strategies, with opportunities to obtain tactical experience with the Medical Information & Education team as well as field-based opportunities to interact with key medical leaders in oncology. This provides the fellow with the ability to learn across the various functional areas of Medical Affairs. In the second year, the fellow will concentrate his or her time in a specific functional area based on personal interest, experience, and the business needs of the Company.

The first year of the U.S. Medical Affairs – Medical Information & Education position will be focused on projects within the Medical Information & Education group. This opportunity will help the fellow to develop extensive skills in conducting literature searches, data interpretation, and creating scientific content. Additionally, the fellow will gain significant experience in medical review for promotional and non-promotional materials. In the second year, the fellow will have the opportunity to work on projects across functional areas within Medical Affairs to become exposed to a variety of new roles.

U.S. Medical Affairs Fellowship Activities & Experiences

Responsibilities

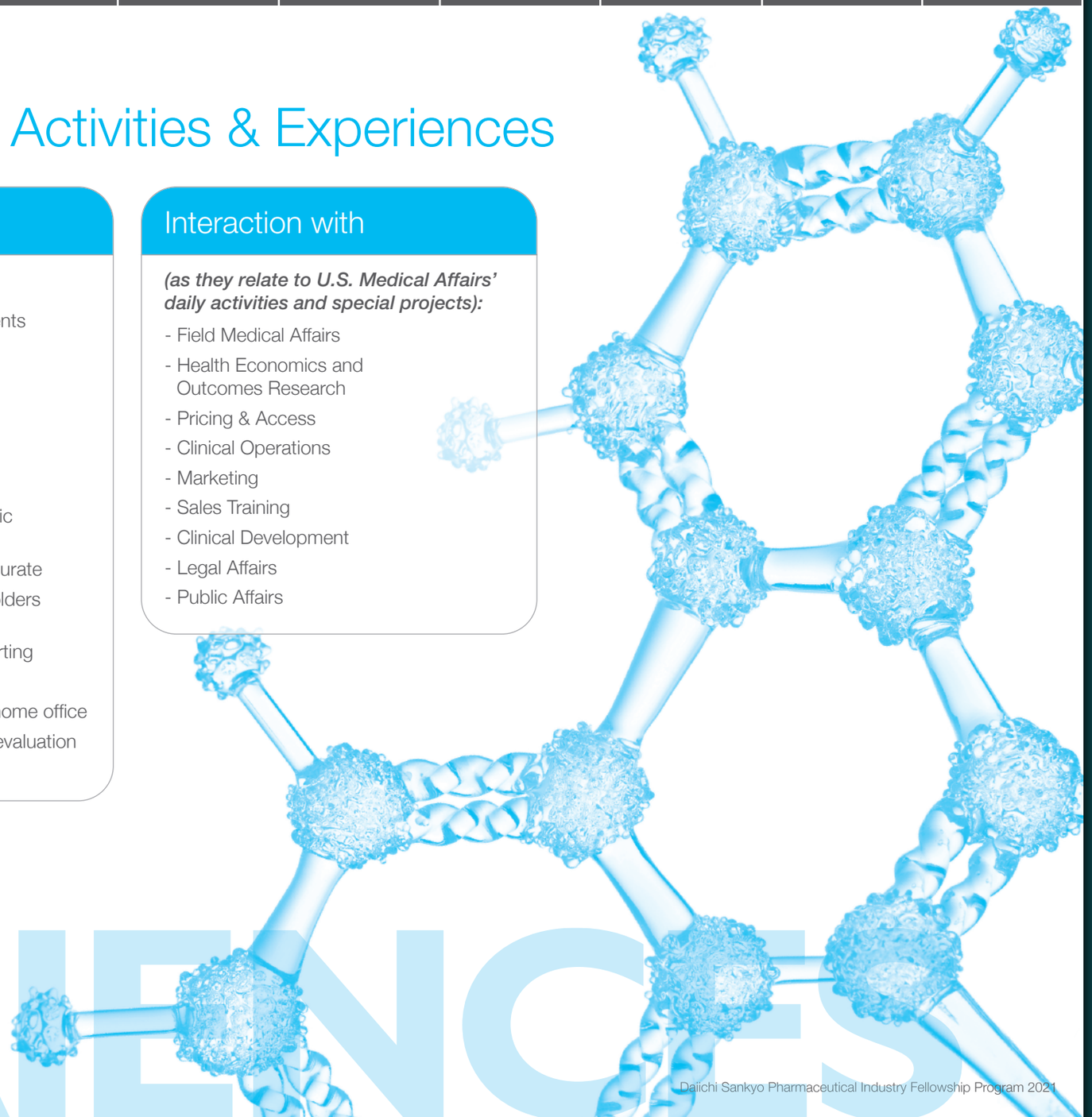
Responsibilities may include:

- Creating, updating and reviewing fair and scientifically-balanced response documents to unsolicited medical inquiries
- Participating in dossier and testimony development
- Serving as a scientific resource to the Product Material Review Team to evaluate promotional materials
- Strategically reviewing medical literature to identify educational gaps
- Assisting in coordination and planning of advisory board meetings
- Working with vendors on medical slide development and review, as well as scientific communication efforts and disseminating information internally
- Reviewing publications in development to ensure manuscripts are scientifically accurate
- Assisting in strategic congress planning and coordination with key internal stakeholders on medical affairs activities
- Contributing to medical and scientific competitive intelligence monitoring and reporting
- Supporting medical training of the sales team and field medical team
- Collaborating with field medical teams to help convey critical insights back to the home office
- Supporting Investigator Initiated Review Committee as a scientific resource in the evaluation of unsolicited research proposals

Interaction with

(as they relate to U.S. Medical Affairs' daily activities and special projects):

- Field Medical Affairs
- Health Economics and Outcomes Research
- Pricing & Access
- Clinical Operations
- Marketing
- Sales Training
- Clinical Development
- Legal Affairs
- Public Affairs



EXPERIENCES

U.S. Medical Affairs Fellowship Path Possibilities

U.S. MEDICAL AFFAIRS

FIRST YEAR IS PROJECT-BASED ACROSS VARIOUS FUNCTIONAL AREAS:

- Medical Research & Strategy
- Medical Information & Education
- Field Medical Affairs

SECOND YEAR IS CONCENTRATED WITHIN A FUNCTIONAL AREA OF INTEREST

U.S. MEDICAL AFFAIRS MEDICAL INFORMATION & EDUCATION

FIRST YEAR IS CONCENTRATED ON MEDICAL INFORMATION & EDUCATION

SECOND YEAR IS PROJECT-BASED ACROSS VARIOUS FUNCTIONAL AREAS:

- Medical Research & Strategy
- Medical Information & Education
- Field Medical Affairs

Current Fellow PERSPECTIVES

"Daiichi Sankyo has been a great place to start my career in the pharmaceutical industry. As a second year fellow, I've had the opportunity to work across a number of different pipeline products and a variety of projects to help drive the development of U.S. strategy. I've also had the chance to work with the other functional groups within Medical Affairs, including Medical Information & Education and Field Medical to gain experiences in tactically executing based on our strategic objectives. The diverse experiences I've had thus far will make me a strong candidate upon completion of the fellowship"

Haeyon Lee, Pharm.D.

Second-Year Fellow, U.S. Medical Affairs

University of North Carolina, Eshelman School of Pharmacy

"The fellowship program preceptors come together to provide a thorough and unique experience for each fellow. Each of us is assigned different day-to-day preceptors covering specific drugs and disease states, giving us our own domain to flourish in. Additionally, there is a strong panel of overarching leaders that ensures each fellow has core experiences that are fundamental for professional development. Fellows are also given opportunity to grow outside of these responsibilities and functions to learn about and participate in other areas of interest. At the conclusion of this program, I will have a strong foundation in medical affairs along with my own individual strengths and experiences."

Samantha Breckenridge, Pharm.D.

Second-Year Fellow, U.S. Medical Affairs

University of Missouri - Kansas City, School of Pharmacy

"As a first year fellow, I have access to many unique opportunities within medical information and education, as well as experiences in all other functions of medical affairs. Additionally, the medical affairs fellows are considered valuable individuals who are capable of handling many responsibilities and are heavily invested in. These unique opportunities and the culture of mentorship at Daiichi Sankyo are laying a thick foundation on which I am confident I will be able to build a successful career on."

Joseph Cheng, Pharm.D.

First-Year Fellow, U.S. Medical Affairs

Rutgers University, Ernest Mario School of Pharmacy

"This fellowship has provided me with an in-depth understanding of the different areas within medical affairs. The longitudinal project-based format has allowed me to integrate into medical research and strategy, medical information and education, and field medical while simultaneously providing opportunities to collaborate cross-functionally. The leadership team is committed to helping me achieve my goals and develop the skills I need to support a successful career in the pharmaceutical industry."

Alex Huelsman, Pharm.D.

First-Year Fellow, U.S. Medical Affairs

University of Florida

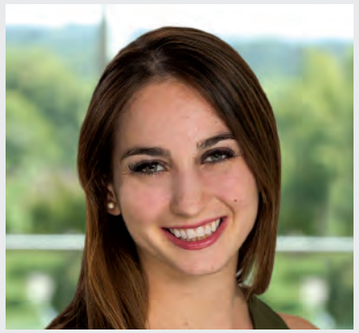
PERSPECTIVES

U.S. Medical Affairs Leadership

"The best thing about the Rutgers Fellowship is the way the fellows become an integral part of the Daiichi Sankyo Medical Affairs team. Working with dedicated and committed preceptors, the fellows quickly come up to speed on multiple products. Through their presentations and through their participation in Medical Affairs activities, the Rutgers Fellows have the opportunity to grow in responsibility and leadership. The fellows soon become valued, trusted members of an engaging scientific Medical Affairs community."

Howard Rutman, M.D., M.B.A., F.A.C.C.
Vice President, U.S. Medical Affairs

Fellowship Preceptor Testimonials & Insights



"The Medical Affairs Fellowship Program is well established and respected throughout the organization. We have an outstanding support system from the Medical Affairs Leadership Team as well as countless fellowship alumni throughout the organization. The leadership team oversees each fellow's development plan and is dedicated to their personal growth and progress. This coordinated involvement helps ensure each fellow has the support they need to succeed throughout their fellowship and into their careers."

Kaley Lugo, Pharm.D., M.B.A.
Manager, Medical Information & Education, Oncology | Preceptor

"The Medical Affairs Fellowship Program is dedicated to providing an individualized experience for each fellow, which comes with full support from the leadership team and preceptors. The program allows fellows to have various experiences and opportunities throughout medical affairs, while collaborating with other functional areas such as commercial, legal, and clinical development. Through these experiences, the fellows learn the skills necessary and build a professional network to establish a successful career."

Preena Balani, Pharm.D.
Associate Director, U.S. Medical Affairs, Oncology | Preceptor

"A distinguishing characteristic of our fellowship program is the real-world educational experience that goes beyond observation. Fellows are immersed in the core functional areas and gain a broad medical affairs perspective, butalso a clear comprehension of roles, responsibilities and importance of cross-functional collaboration. Fellows are seen as active contributors and are recognized as team members. During the second year, acquired professional skills are honed, and continued confidence is gained through an individualized and concentrated experience."

Tamy Recchia, Pharm.D.
Director, U.S. Medical Affairs, Oncology | Preceptor

Global Medical Affairs Fellowship

2 Two-Year Positions

The Global Medical Affairs (GMA) Team's mission is to transform the scientific evidence of the broad and innovative Daiichi Sankyo oncology portfolio to locally relevant clinical practice in all countries across the world. The GMA Team delivers high quality scientific and medical information and publications needed to educate and support Health Care Professionals' treatment decisions, informing local and global treatment guidelines. GMA supports our Research and Development colleagues by identifying evidence for potential new indications and sub-populations of interest. GMA supports access submission efforts and educates Patient Organizations on the burden of the disease and its treatment options.

The goal of the Program is to introduce the fellows to the breadth and depth of different Global Medical Affairs activities and to gain hands-on experience working on actual GMA deliverables.

In Year 1 (Rotational Year), fellows will gain broad exposure to different activities through rotation in four out of six areas within GMA (approximately 3 months each). During this year the fellows will work under the guidance of the respective Director to gain experience delivering against the Medical Affairs plan and participate in strategic planning in:

- Publications
- Medical Information & Education
- Scientific Engagement
- Patient Advocacy
- Evidence Generation
- Clinical Operations

In Year 2 (Elective Year), fellows will focus on an area of their interest and gain a more in-depth experience in a maximum of two areas (approximately 6 months in each of the two areas or 12 months in a single area).

The GMA Leadership Team will match the available areas for Year 1 and Year 2 fellows with their interest and with an availability of a suitable project. This will allow the fellows to work on a project from its conception to the final delivery with support from a GMA Director who is responsible for day-to-day operations of the respective area.

Global Medical Affairs Fellowship Activities & Experiences

Responsibilities

The key responsibilities and projects vary depending on the GMA area and include:

Publications
- Preparing and submitting a manuscript to a scientific journal
- Preparing and submitting an abstract to a global congress
- Preparing a poster or slides for an oral presentation for disclosure at a global congress

Medical Information & Education:
- Generating Medical Information standard response letters
- Developing educational materials intended for internal training
- Preparing medical materials for presentation and display at global congresses at Daiichi-Sankyo booths

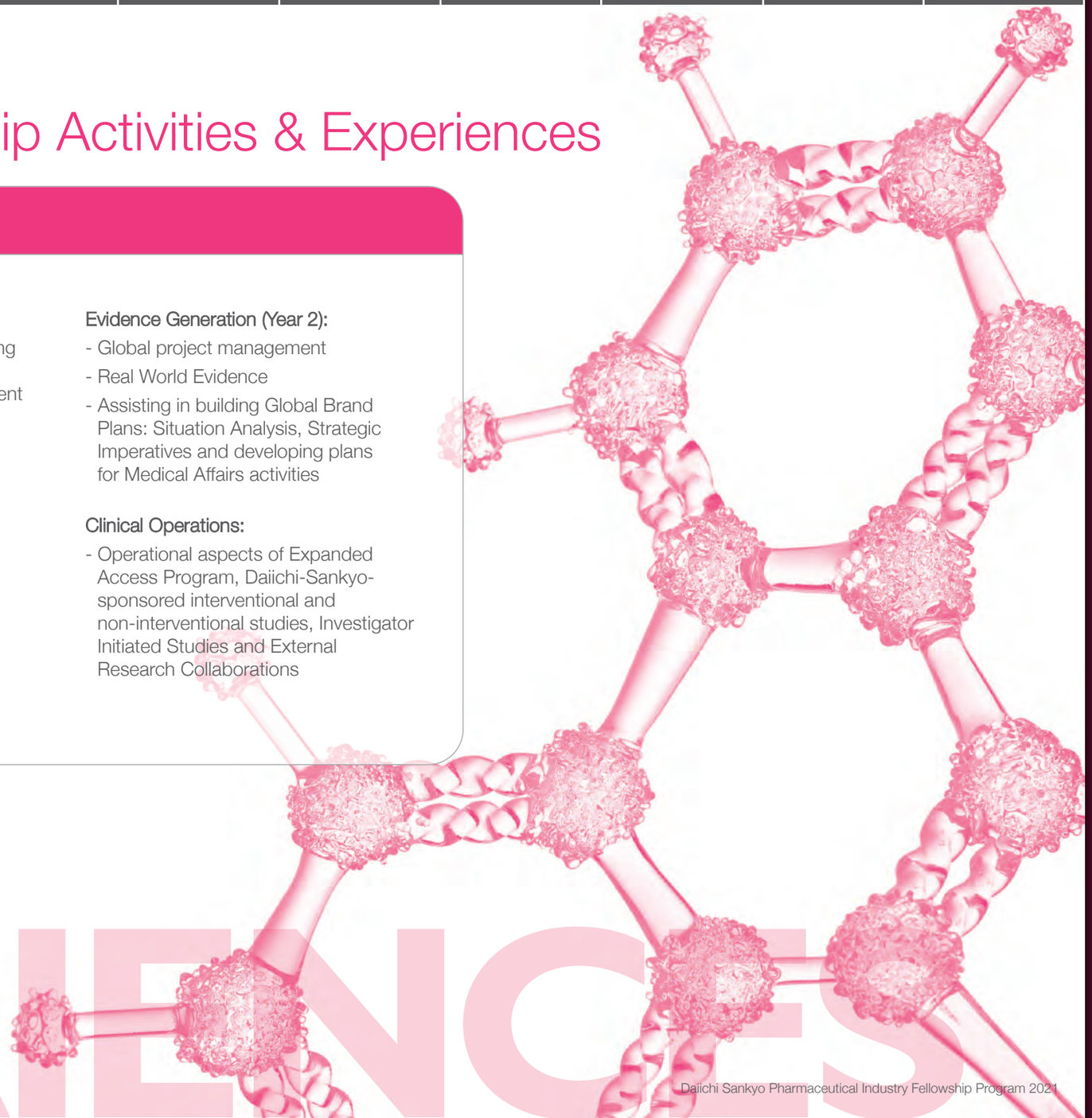
Scientific Engagement:
- Planning, delivering and summarizing outcomes of an external advisory board (Medical Experts and/or Patient Advocacy Group Representatives)

Patient Advocacy:
- Delivering on patient-oriented activities

Evidence Generation (Year 1):
- Assisting Global Medical Affairs Team Lead with assessment of evidence gaps and unmet medical needs
- Planning activities to address the identified gaps

Evidence Generation (Year 2):
- Global project management
- Real World Evidence
- Assisting in building Global Brand Plans: Situation Analysis, Strategic Imperatives and developing plans for Medical Affairs activities

Clinical Operations:
- Operational aspects of Expanded Access Program, Daiichi-Sankyo-sponsored interventional and non-interventional studies, Investigator Initiated Studies and External Research Collaborations



EXPERIENCES

Activities & Experiences (cont'd)

Interactions

Global Medical Affairs interacts on a daily basis with multiple internal and external stakeholders.

Key internal partner functions include:
- Regional Medical Affairs
- Global Research and Development
- Global Marketing
- Global Market Access and Pricing
- Global Clinical Safety and Pharmacovigilance
- Legal
- Regulatory and Public Affairs

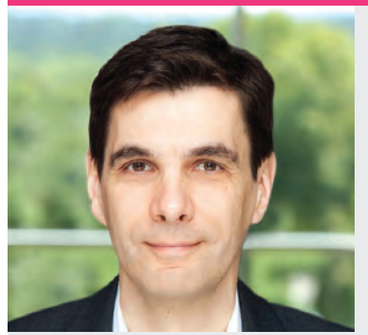
Key external partners include:
- Global Key External Experts
- Healthcare Professionals (physicians, nurses, pharmacists)
- Patient Advocacy Groups representing patients in different countries and regions of the world
- Health Authorities (FDA, CHMP/ EMA, PMDA)
- Medical Societies (ASCO, ESMO, ASH, EHA)

During the participation in the program the fellows will be encouraged and expected to participate in all interactions with internal and external GMA stakeholders alongside the other GMA Team members.

Requirements

It is expected that fellows will have:
- An interest in oncology through participation in prior research projects, internships, clinical rotations, etc.
- A scientific curiosity and willingness to navigate the complexities of oncology drug development from early clinical stages to launch in different countries around the world
- Ability to synthesize their knowledge and present in a clear and concise manner when interacting on a daily basis with different GMA stakeholders the fellows

Fellowship Leadership



"The Global Medical Affairs Fellowship Program is a unique experience that is easily customizable based on the fellow's interests. It is an excellent way for the fellow to gain hands-on experience in a pharmaceutical company during a relatively short time. It is also an investment by Daiichi Sankyo to secure future success. Our fellows will experience the breadth of Global Medical Affairs and will complete the fellowship as a well-rounded Medical Affairs professional. They will ultimately be well-prepared to help oncology patients benefit from medications that improve their long-term outcomes and bring them closer to cure."

Tomek Szczudlo

Vice President, GMA Oncology Franchise Head, Global Medical Affairs Oncology | Preceptor

Global Business Development, Oncology Marketing & Market Research Fellowship

2 Two-Year Positions

The Global Business Development, Oncology Marketing & Market Research Fellowship Program offers a unique opportunity for the Pharm.D. or Pharm.D. / M.B.A. graduate to gain valuable industry experience at a pharmaceutical company with a rich research history and a promising future of growth. This two-year program is designed to provide a comprehensive overview supporting compounds across the full spectrum of product development, but with an emphasis on oncology products, allowing hands-on opportunities, active coaching and mentoring, as well as market research and business analytics skill building. Our goal is to help provide the fellow with the tools necessary for highly successful business development, marketing and market research careers in the pharmaceutical industry.

The core focus of the program will be on Daiichi Sankyo, Inc.'s internal pipeline for marketing and market research, and business development opportunities in oncology.

Structure & Role of Global Commercial Fellowship

Global Business Development

Business Development is split up into two key functional areas: search and evaluation of early opportunities and oncology transactions. This team's key purpose is to screen and evaluate potential licensing, merger and acquisition opportunities and gather competitive intelligence to help guide strategies for various therapeutic areas.

Oncology Marketing

Global Oncology Marketing helps to create the strategy for oncology products in the pipeline. This team partners with regions worldwide to ensure localization of the strategy and creation of brand identity. As a global team, responsibilities also include oncology of life-cycle strategies of its products across multiple tumor types.

Market Research

Market Research is the link to physicians, patients and payers for brand teams and other important business partners. Market Research specifies the information required to address business needs, designs methods for collecting information and insights, analyzes the results and communicates key findings and strategic recommendations.

Global Commercial Fellowship Activities & Experiences

Responsibilities

Primary responsibilities, which will be developed throughout the fellowship, include:

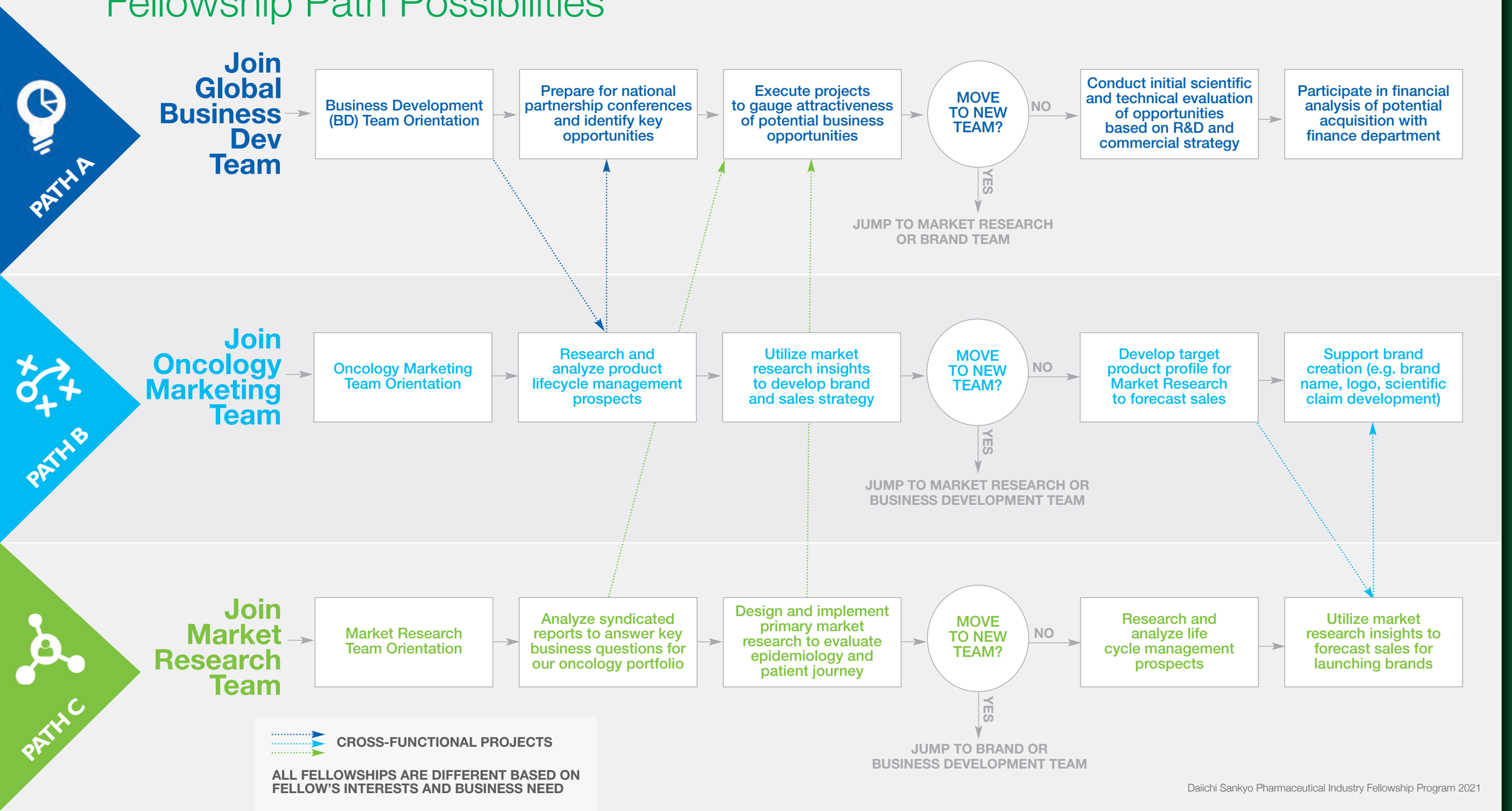
- Participating in market research activities in support of compounds throughout all stages of product development (pre-clinical through launch)
- Designing and implementing qualitative/ quantitative primary market research
- Interpreting patient and physician research
- Assessing the strength of early-stage pre-clinical and clinical trials
- Validating forecast assumptions and identifying key market drivers
- Presenting research findings and data to senior management
- Analyzing and retrieving pivotal data through various secondary resources and syndicated reports
- Investigating and presenting scientific information
- Participating in national and international conferences
- Integrating core drug development and market inputs into commercial value analysis
- Supporting product/market/company evaluations in collaboration with the Business Development team
- Monitoring and updating competitive intelligence documents
- Attending various medical and scientific meetings/presentations to maintain competitive intelligence for Daiichi Sankyo
- Assisting brand teams in development and initiation of commercialization activities
- Managing cross-functional projects involving internal and external stakeholders

Career Development

- New product, in-line and managed care market research
- Business Development product and market assessments
- Pharmaceutical business analytics
- Sales forecasting
- Clinical trial assessments
- Pharmacology/therapeutics analysis
- New product and Commercial Marketing
- One-on-one preceptor mentoring
- Professional training opportunities

EXPERIENCES

Fellowship Path Possibilities



Current Fellow PERSPECTIVES

"As a Fellow rotating in the Global Business Development department, I've had the opportunity to work on strategic projects early in my career. I've attended virtual conferences and partnering events with senior leadership team members, allowing me to learn about novel assets, technologies, and mechanisms being developed in the oncology space. With the guidance of my preceptors, I've learned how to scientifically and commercially assess promising assets as well as develop and maintain relationships with the respective companies. These skills will help me be a successful candidate in the industry upon completion of my fellowship."

Rohan Chittella, Pharm.D.

Second-Year Fellow, Global Business Development – Search and Evaluation

Rutgers University,
Ernest Mario School of Pharmacy

"Supporting the Global Oncology Market Research team has been a great experience. I've learned about planning/executing qualitative market research projects while also managing several ongoing projects to support decision points for our pipeline products. I've been fortunate to work with and present to senior leadership, while learning key factors to consider when determining the commercial potential of assets. Upon completion of the Fellowship, I will be in a great position to excel in the pharmaceutical industry."

Nikhil Dondapati, Pharm.D.

Second-Year Fellow, Global Market Research

Rutgers University,
Ernest Mario School of Pharmacy

"As a fellow in Global Oncology Market Research, I've gained experience in market researching, forecasting, and competitive intelligence. I've had the opportunity to work on meaningful projects with senior leadership to gather actionable insights and drive strategic decision-making. From the start, the team has taken the time to learn my goals and ensure I have the mentorship and skills to excel in the industry upon completion of my fellowship."

Alberta Drake, Pharm.D., R.Ph.

First-Year Fellow, Global Oncology Marketing

Rutgers University,
Ernest Mario School of Pharmacy

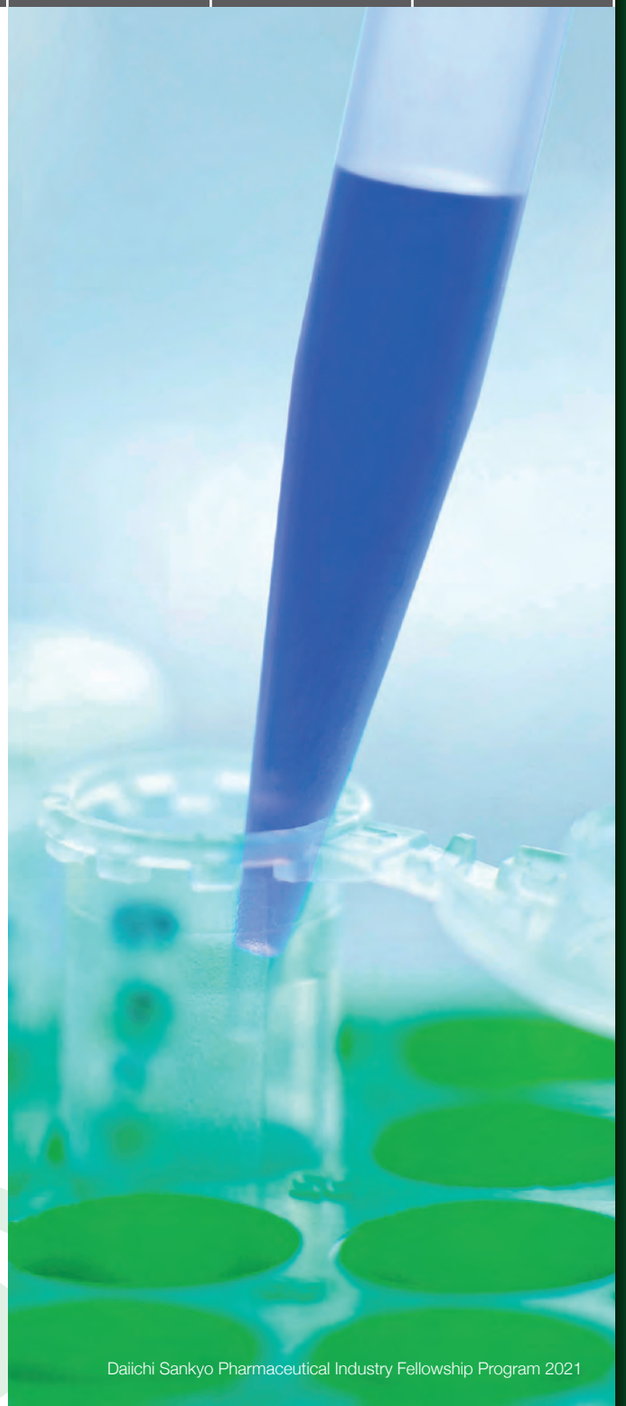
"Being a fellow with Global Business Development has given me a multitude of opportunities for growth. I've been able to work with the Transactions team to evaluate and execute licensing and collaboration deals that align with the company's needs. My preceptor and the leadership team are supportive and willing to facilitate my learning as I continue through the fellowship program. The skills and experience I am gaining will lay a strong foundation for a successful future in this career."

Jill Desai, Pharm.D., R.Ph.

First-Year Fellow, Global Business Development – Transactions

Rutgers University,
Ernest Mario School of Pharmacy

PERSPECTIVES



Global Business Development Leadership Team

"The Global Business Development group's primary mission is to help create the future of Daiichi Sankyo through the acquisition and licensing of external opportunities. Fellows in this program have the unique opportunity to truly learn about the components that drive a pharmaceutical business, including: product assessment and business development processes, key drivers in decision making and how Commercial, R&D and Business Development collaborate in building our product pipeline."

Jonathan York, M.D., M.B.A

Vice President, Global Business Development
Transactions Program Preceptor

"At Daiichi Sankyo, we make it a priority to quickly integrate the fellow to become an active member of the team. Through the Business Development role in oncology, the fellow will have the opportunity to provide insight into new business ventures and assess the scientific value of potential assets for acquisition that align with our commercial and scientific strategy to complement our pipeline. The fellow will gain experience in managing projects and interacting with other functions within a pharma company, which will prepare him or her extremely well for a future in the pharmaceutical industry."

Jeff Warmke, Ph.D.

Senior Vice President, Global Business Development
Search and Evaluation Program Preceptor

"A unique characteristic of being a fellow at a mid-sized pharmaceutical company like Daiichi Sankyo is the fact that you won't be an observer. You'll be expected to rapidly become a key contributor to the team and have the opportunity to impact the organization in meaningful ways. Fellows are given a broad range of responsibilities and projects that are determined by actual business needs. The opportunities created by this program enable the fellow to develop a solid foundation in the pharmaceutical industry and build an impressive list of completed projects and accomplishments."

Mike Kostelansky, Ph.D.

Director, Global Business Development
Oncology Transactions Program Preceptor

"Fellows may rotate to various departments to work with different mentors according to their own interests and business needs. Rotating through Global Business Development, Search and Evaluation gives fellows an opportunity to network with and gain important insights from not only the internal colleagues from different departments but also external partners including academic professors, CEOs of biotech companies, venture capitalists and investment bankers. It will give the fellows a broad view of health the care industry in order to better apply science to business."

Fran Kern, Ph.D.

Executive Director, Global Business Development
Search and Evaluation Program Preceptor

Global Oncology Marketing & Market Research Leadership Team

"Our Global Commercial Fellowship Program provides individuals with a variety of experiences that will give them an excellent understanding of marketing, market research and planning. Our fellowship is designed to ensure that individuals have the opportunity to make meaningful contributions to assessments and analysis that are used by the company to make important strategic decisions and plans. The environment is one where our fellows are challenged and continually supported to ensure that their personal and professional development is maximized. Our program truly prepares them for a successful career."

Thierry Gruson, D.V.M., M.B.A.

Vice President, Head of Global Oncology Marketing

"Daiichi Sankyo has a tradition of strong, challenging fellowship programs offered to outstanding Pharm.D. individuals who are inspired by our mission to bring innovative medicines to patients. Fellows have the unique opportunity to apply their clinical knowledge and experiences to key business questions impacting our organization to influence both our current and future business. The program helps fellows develop a strong foundation in the pharmaceutical industry while also advancing skills for personal and professional growth."

Janice Arnold

Global Brand Leader, Global Oncology Marketing

"The Global Commercial Fellow will gain exposure to areas within Business Development, Market Research and External Scientific Affairs throughout the fellowship. Projects and mentorship here at Daiichi Sankyo will allow one to learn many facets of the pharma business including clinical development, the regulatory approval process, and what it takes to successfully commercialize products in the rapidly evolving healthcare marketplace. We are happy to invest time and resources in the professional development of each fellow based on his or her interests and needs of the organization."

Matt Ricks, M.B.A.

Director, Market Research Oncology Commercial | Global Commercial Fellowship Managing Preceptor

"The Rutgers Pharmaceutical Industry Fellowship program at Daiichi Sankyo is the perfect conduit to thrive from the classroom into a real world setting. The commercial programs at DSI sets fellows up to be successful in a highly cross functional environment as fellows are able to rotate through key commercial roles while collaborating closely with other functions such as clinical, regulatory, medical affairs, and market access. We provide our fellows the tools to be able to make highly strategic decisions while allowing them to own projects to ensure they are confident in tactical execution. This program truly helps builds a strong foundation in the pharmaceutical industry to set them up for success for the future."

Puja Patel, Pharm.D.

Director, Global Oncology Marketing

Pharmacoepidemiology Fellowship Team

Pharmaco-epidemiology (PE) Fellowship

1 Two-Year Position

The Pharmacoepidemiology (PE) Fellowship Program is an initiative between Daiichi Sankyo, Inc., the Ernest Mario School of Pharmacy (EMSOP) at Rutgers University and the Rutgers Center for Pharmacoepidemiology and Treatment Science. This is a two-year fellowship training program in PE that provides education, real-world and practical hands-on experience for Doctor of Pharmacy graduates who want to become independent and successful practitioners in the pharmaceutical drug development industry.

The aim of the PE Fellowship Program is to provide research skills to conduct PE research for a career in the pharmaceutical industry. Although all fellows are Rutgers employees and receive adjunct academic appointments from the school, they will spend most of their time at the corporate sponsor facilities. Pharmaceutical industry preceptors will contribute to the professional development of the fellow and to the capacity building in PE.

PE Fellowship Activities & Experiences

Responsibilities

The main responsibilities of pharmacoepidemiology fellows include:

- Assisting PE researchers in coordinating and planning collaborative meetings with other functions and/or third parties
- Searching, reviewing and critically appraising the scientific literature to answer PE research questions
- Participating in the scientific discussion to design PE studies
- Assisting PE researchers in the statistical analysis of large databases
- Contributing in the preparation of abstracts, posters, oral presentations and manuscripts to communicate results to scientific community
- Assisting PE researchers in preparing responses for regulatory requests

Interactions

In addition to pharmacoepidemiology researchers and third party investigators, it is expected that fellows will interact with other R&D functions particularly:

- Clinical Safety physicians and scientists
- Clinical pharmacologists
- Clinical researchers
- Toxicologists
- Data Management
- Biostatistics
- Molecular Biologists
- Regulatory Affairs
- Medical Affairs

Requirements

It is expected that fellows will have:

- Analytical, organization skills
- Oral and written communication skills
- Ability to work independently and collaboratively with a team
- High ethical behavior and ability to maintain human subjects confidentiality
- Evidence of successful presentations in professional meetings and published manuscripts is a plus
- Previous experience in research is a plus

EXPERIENCES

PE Fellowship Focus & Opportunity

Pharmacoepidemiology (PE) fellows will spend the first year working on a variety of projects that will require different research methodologies in the areas of oncology, pain, cardiovascular and others. In addition, they will attend PE courses at Rutgers University that will include introduction to PE, study design and statistical analysis. During the first year, fellows will learn about the infrastructure and organization of the pharmaceutical industry and will collaborate with core functional areas from R&D. Fellows will have the opportunity to interact with preclinical and clinical departments and learn first-hand how to identify and manage issues when developing new pharmaceutical products. In addition, fellows will have the opportunity to learn pharmacovigilance principles from highly skilled and experienced researchers.

In the second year, fellows will build upon their first year and will have the opportunity to learn how to integrate information from different sources to make decisions. They will be exposed to more sophisticated and advanced courses of PE. In addition, fellows will have the opportunity to present results of their research in professional meetings and publish in peer-reviewed journals.

Over the course of the program, the PE fellow will have the opportunity to receive additional training and mentorship from the Rutgers Center for Pharmacoepidemiology and Treatment Science (PETS). PETS performs and fosters innovative, multi-disciplinary science related to the use and outcomes of therapeutics and diagnostics in large populations, and seeks to advance PE and related fields through world-class research and training.

OPPORTUNITY

Current Fellow PERSPECTIVES

"As the first pharmacoepidemiology fellow at Daiichi Sankyo, I have been able to cultivate a unique fellowship experience in collaboration with my preceptor. This fellowship has provided me with the opportunity to learn the fundamentals of PE through didactic courses while being able to apply what I have learned to research projects conducted at Daiichi Sankyo. This has allowed me to contribute meaningfully to the work I am involved in and has helped me grow professionally as a pharmacist working the pharmaceutical industry."

Mackenzie Henderson, Pharm.D., R.Ph.

Second-Year Fellow, Pharmacoepidemiology

Rutgers University, Ernest Mario School of Pharmacy

"As a pharmacoepidemiology fellow, I have the opportunity to collaborate cross-functionally with areas such as regulatory, safety, and clinical on various products, both in development and mature. Even during these extraordinary times, the inclusive culture fostered by Daiichi-Sankyo shines through. Teamwork and collaboration are heavily emphasized even with the majority of members working virtually. The fellowship is deeply rewarding as my contributions, current and future, will have real-world impacts and help bring lifesaving medications to patients. "

Eric Wang, Pharm.D.

First-Year Fellow, Pharmacoepidemiology

University of Missouri - Kansas City, School of Pharmacy

PE Fellowship Leadership Team

"PE fellows will have the ability to use their pharmacy education and extensive understanding of medications to contribute to the understanding of the safety of Daiichi Sankyo products and their potential impact in the "real world" setting. The PE fellows will gain skills in the identification of safety-related issues, quantification of risks using large databases, and establishing risk minimization activities that will help them become integral members of the epidemiology team."

Vikram Dev

Vice President, Clinical Safety and Pharmacovigilance

"The PE fellowship at Daiichi Sankyo offers pharmacist fellows the ability to interact cross-functionally within the company on a variety of projects. The PE fellow will have the opportunity to learn PE methods and statistical analysis using large databases through courses taught at the university and their experiences in the pharmaceutical industry. Over the course of two years, the PE fellow will also gain experience in presenting data at scientific forums and interacting with other PE scientists from around the world."

Maribel Salas

Executive Director, Epidemiology and Clinical Safety and Pharmacovigilance | Preceptor

Clinical Development (Global Oncology R&D) Fellowship Team

Clinical Development (Global Oncology R&D) Fellowship

2 Two-Year Positions

The Clinical Development (Global Oncology R&D) Fellowship Program offers the opportunity for the fellow to learn about how an oncology product moves through different stages of clinical development in its lifecycle. This unique experience offered at Daiichi Sankyo, provides the fellow with hands-on experience of learning about and contributing to early Phase I to late Phase III clinical trials of cutting-edge compounds in the oncology therapeutic area.

This two-year program will focus on the Antibody Drug Conjugate (ADC) franchise and other compounds that span across multiple tumor types. The aim of the fellowship is to provide the necessary tools for the fellow to be able to design and manage clinical trials, provide input to the strategic decisions that optimize the study conduct, and lead tactics that support individual clinical trials and the program as a whole. The fellow will have close collaboration with other functional areas such as Clinical Operations, Project Management, Regulatory Affairs, and many other groups at Daiichi Sankyo.

Clinical Development (Global Oncology R&D) Fellowship Activities & Experiences

Responsibilities

The main responsibilities of Clinical Development (Global Oncology R&D) fellows include:

- Assist the clinical study team in protocol writing and amendments
- Conduct literature searches to support clinical decision on study-level and program-level work
- Interact with vendors that support the clinical trials and ensure timely delivery of work
- Contribute to project level work for the Clinical Development Department
- Engage KEE's (Key External Expert) and Primary Investigators in site initiation visits, investigator meetings, and conferences
- Assist in the preparation of scientific material for use in internal and external forums

Interactions

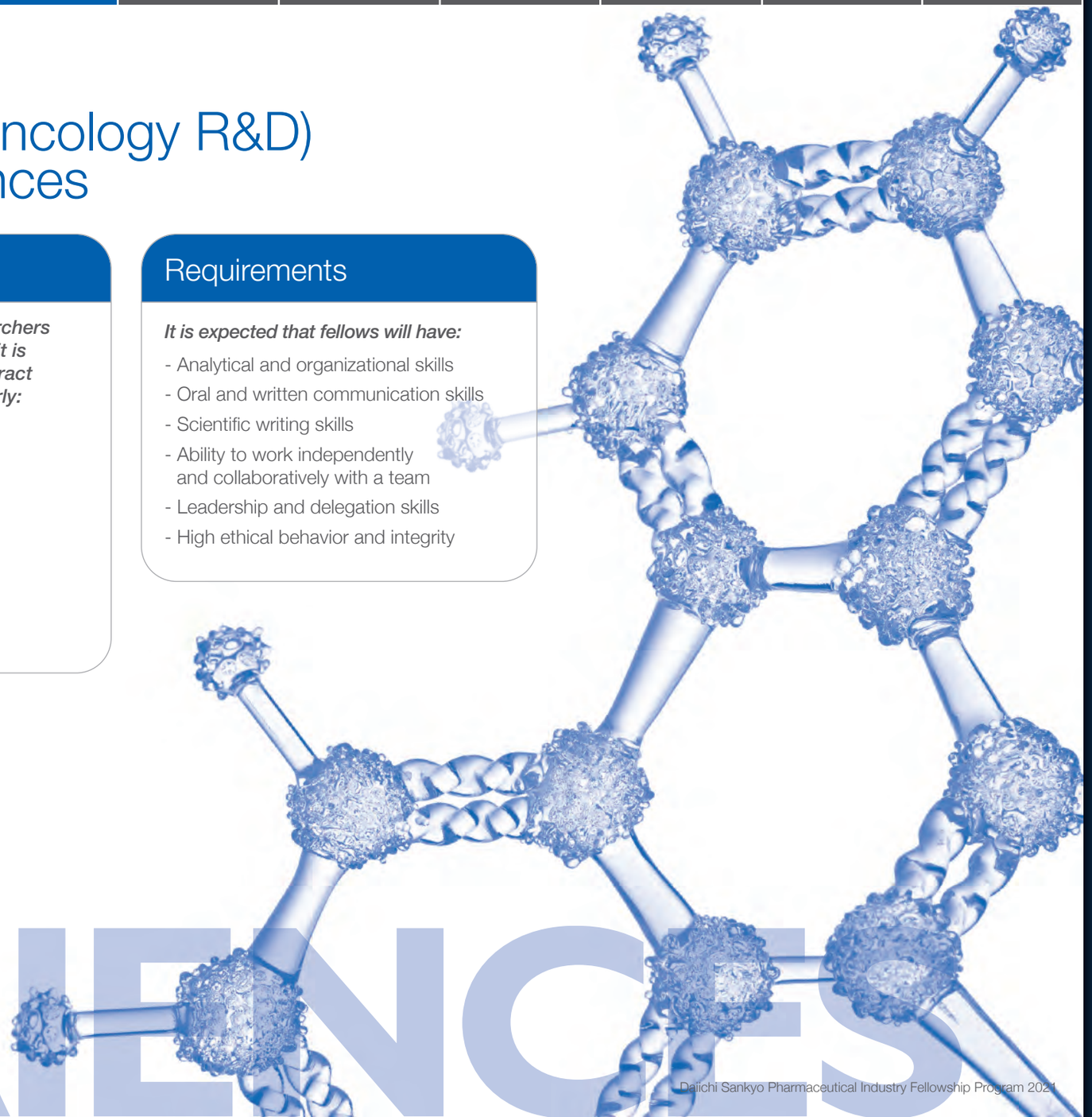
In addition to oncology researchers and third party investigators, it is expected that fellows will interact with other functions particularly:

- Clinical Safety
- Data Management
- Project Management
- Regulatory Affairs
- Biostatistics
- Commercial
- Clinical Pharmacology
- Translational Science

Requirements

It is expected that fellows will have:

- Analytical and organizational skills
- Oral and written communication skills
- Scientific writing skills
- Ability to work independently and collaboratively with a team
- Leadership and delegation skills
- High ethical behavior and integrity



EXPERIENCES

Current Fellow PERSPECTIVES

"As a Global Oncology R&D fellow, I have participated in the strategic, scientific, and operational aspects of clinical development. The flexibility of this fellowship allows me to customize my experience to fit my strengths and interests. Not only do I have the opportunity to make significant contributions to our clinical development program, I also get exposure to a diverse array of functions to cultivate my growth as an industry pharmacist. My mentors provide a balance of guidance and independence in which I feel both supported and challenged every step of the way."

Cindy Li, Pharm.D.

First-Year Fellow, Clinical Development (Global Oncology R&D)

University of Illinois at Chicago College of Pharmacy

"As a Clinical Development Fellow at Daiichi Sankyo, I have had the opportunity to interact with amazing preceptors and senior leadership early on. Individual preceptors are dedicated to providing me with experiences that align with my career goals and foster both my professional and personal growth. I have been able to participate in projects on both the clinical study and program levels, and learn about the strategies and processes involved in planning and executing clinical trials. I have no doubt that my experience at Daiichi Sankyo will provide me with the skills to succeed in the pharmaceutical industry."

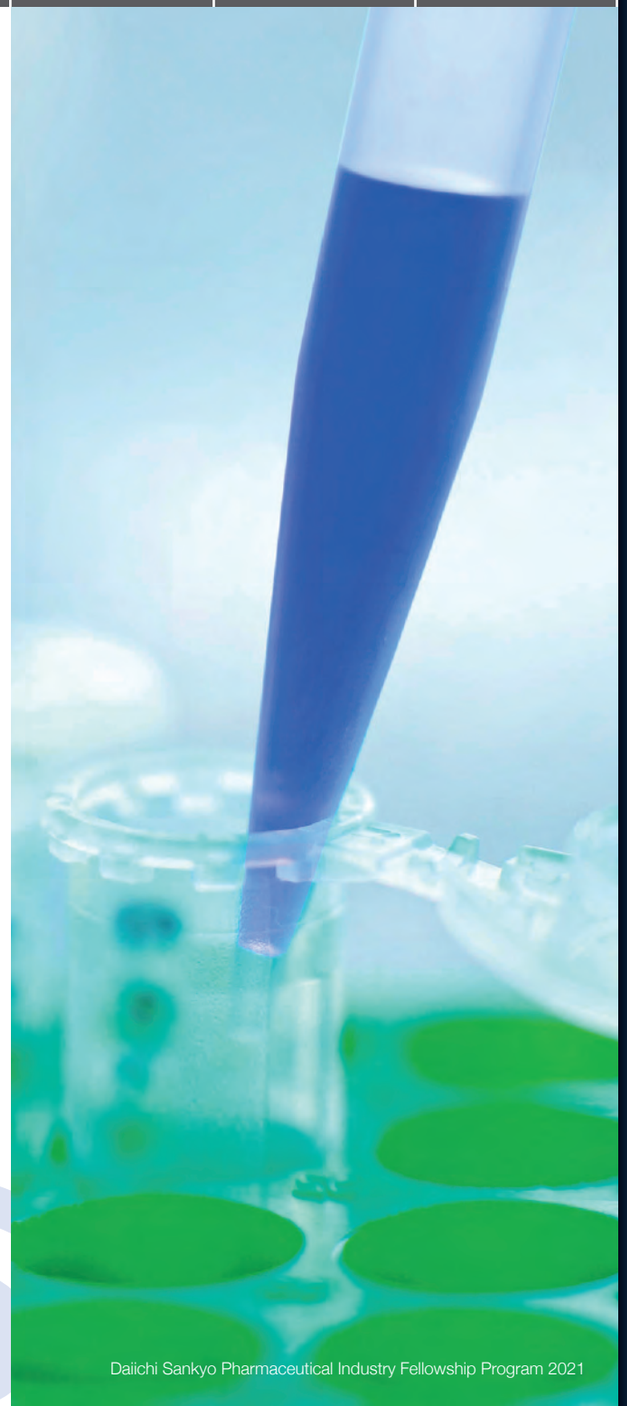
Liane Kuo, Pharm.D.*

First-Year Fellow, Clinical Development (Global Oncology R&D)

University of Michigan College of Pharmacy

**Not associated with Rutgers Pharmaceutical Industry Fellowship Program*

PERSPECTIVES



Clinical Development (Global Oncology R&D) Leadership Team

"Fellowship with the clinical development team at Daiichi Sankyo will give an opportunity to work on an exciting oncology pipeline under the Cancer Enterprise. The program gives hands-on experience with the various aspects of oncology drug development, including trial design concepts and trial conduct, scientific and clinical interpretation and reporting of data, and overall development strategies and implementation to shape the fellows into future clinical scientists and leaders. The fellow will work in cross-functional teams and get a broader exposure and opportunity to learn from the expertise of these functional groups."

Prasanna Kumar, Ph.D.

Senior Director, Global Oncology R&D | Preceptor

"A Clinical Development Fellowship at Daiichi Sankyo will provide a unique opportunity for recent Pharm.D. graduates in their early career in the pharmaceutical industry. Fully integrated in the clinical team, you will experience hands-on learning by participating in early stage (phase I) to late stage clinical programs (phase II or III). You will be involved in writing clinical study protocols, reviewing clinical data, and analyzing trial results. Furthermore, you will gain exposure to and work closely with teammates, senior leaders from multiple departments, including non-clinical, biostatistics/data management, safety, regulatory and clinical pharmacology, in order to develop clinical strategies and development plans for our assets. Daiichi Sankyo, as a mid-sized pharmaceutical company with exciting oncology assets that have the track record and potential to change how diseases are being treated, is an optimal place to make meaningful contributions and gain valuable experience and connections. The two-year Daiichi Sankyo Clinical Development Fellowship will help you to launch your career in the pharmaceutical industry."

Kazu Kato, M.D., Ph.D.

Senior Director, Global Oncology R&D | Preceptor

"The mission of Daiichi Sankyo is to leverage our world-class, innovative science and push beyond traditional thinking in order to create meaningful treatments for patients with cancer. We are dedicated to transforming science into value for patients, and this sense of obligation informs everything we do. The Clinical Development (Global Oncology R&D) fellow will have the opportunity to contribute to the development of some of the most promising oncology drugs currently being tested in patients with unmet medical needs. In close collaboration with other functional groups, the fellow will have the potential to make an impact on the treatment of cancer patients around the world."

Gilles Gallant, B.Pharm Ph.D. FOPQ

Vice President, Global Team Leader, Oncology R&D

Quantitative Clinical Pharmacology Fellowship Team

Quantitative Clinical Pharmacology (QCP) Fellowship

1 Two-Year Position

The mission of the Quantitative Clinical Pharmacology (QCP) department is to quantitatively integrate non-clinical, biomarker, and clinical data. This data is used to determine optimal dosing schedules, identify appropriate patient populations, proper monitoring parameters, and maximize the therapeutic benefit of our medicines. To achieve our mission, QCP is committed to incorporating model-based approaches in our drug development programs. The use of modeling and simulation in drug development helps modernize and improve the efficiency of drug delivery to patients. Model-based or model-informed drug development (MBDD), a type of drug development modeling, facilitates quantitative decision-making throughout the drug development continuum. MBDD helps translate information between non-clinical and clinical data to inform discovery, aids in the selection of doses and dosing regimens, provides information to assess risks vs outcomes to progress at various development checkpoints, and provides the supportive clinical evidence of medicines following registrational studies.

The Quantitative Clinical Pharmacology (QCP) two-year fellowship provides the PharmD fellows an opportunity to apply their clinical skills as well as learn and apply techniques in modeling and simulation as part of incorporating MBDD in the drug development of small and large molecules across all therapeutic areas covered by Daiichi Sankyo, Inc.

QCP Fellowship Activities & Experiences

Responsibilities

Main responsibilities of QCP fellows include:

- Designing, writing protocol profiles, and acting as a study leader for clinical pharmacology studies (eg, renal and hepatic impairment studies, ADME studies, relative BA studies, food effect studies, drug-drug interaction studies, etc.)
- Providing functional input to protocols led by clinical development (phase 1 onwards)
- Conducting PK/PD analyses (includes non-compartmental analyses and compartmental modeling)
- Contributing in the preparation of abstracts, posters, oral presentations, and manuscripts to communicate results to the scientific community
- Assisting QCP colleagues in coordinating and planning collaborative meetings with other functions and/or external vendors
- Assisting QCP colleagues in preparing responses for regulatory requests

Interactions

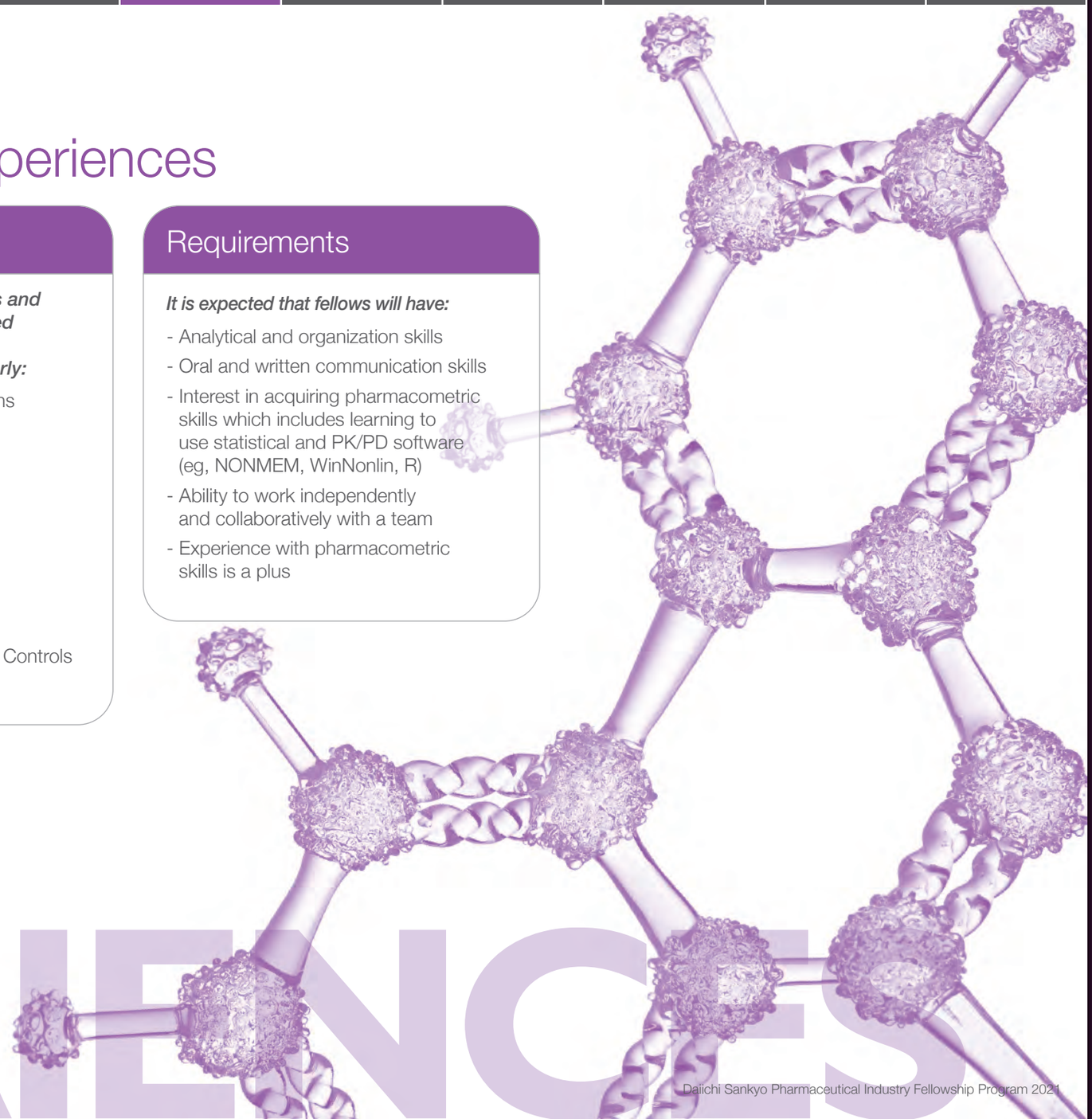
In addition to QCP colleagues and external vendors, it is expected that fellows will interact with other R&D functions particularly:

- Clinical Development physicians and scientists
- Clinical Safety physicians and scientists
- Data Management
- Biostatistics
- Toxicologists
- Molecular Biologists
- Regulatory Affairs
- Chemistry, Manufacturing and Controls
- Medical Affairs

Requirements

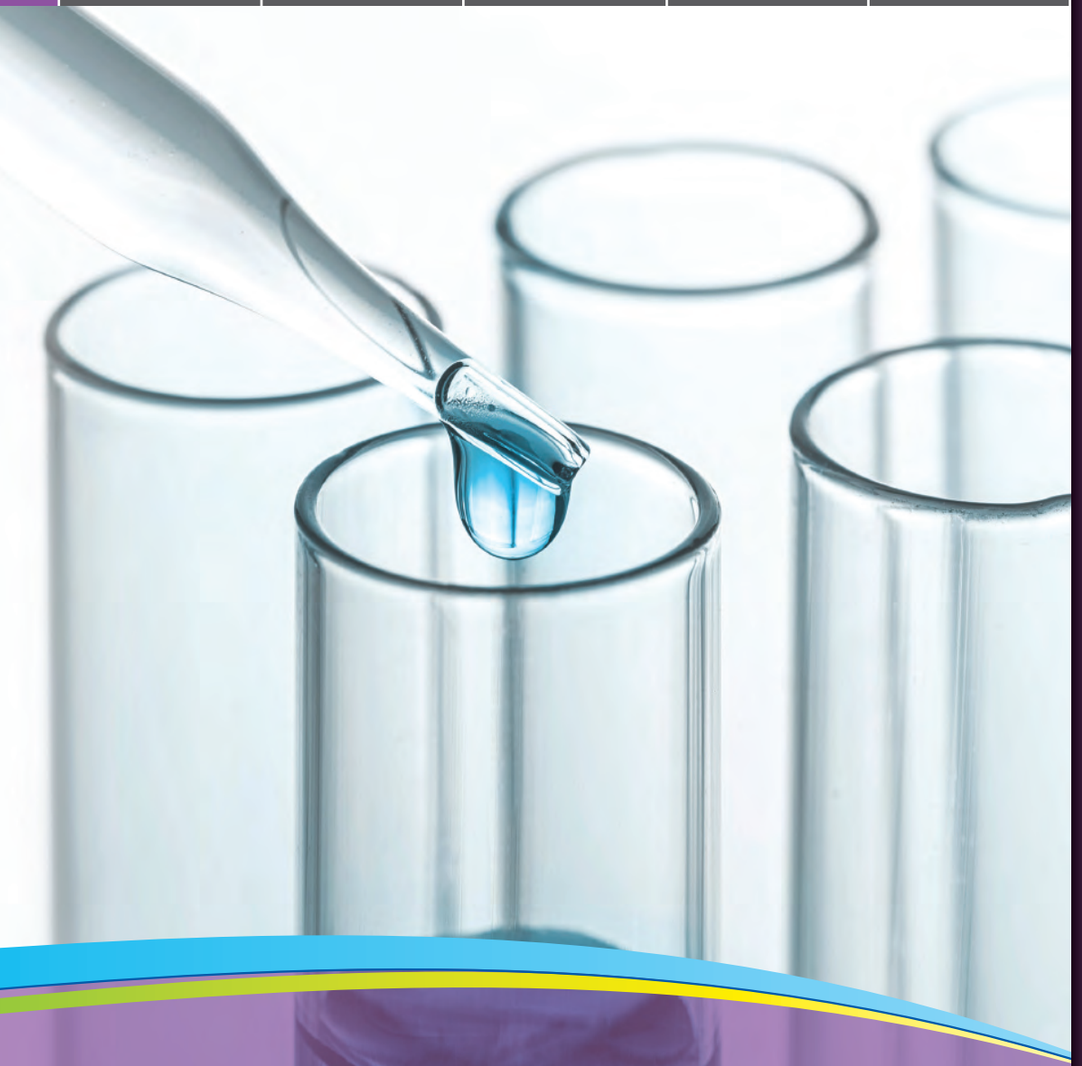
It is expected that fellows will have:

- Analytical and organization skills
- Oral and written communication skills
- Interest in acquiring pharmacometric skills which includes learning to use statistical and PK/PD software (eg, NONMEM, WinNonlin, R)
- Ability to work independently and collaboratively with a team
- Experience with pharmacometric skills is a plus



EXPERIENCES

QCP Fellowship Focus & Opportunity



QCP fellows will spend the first year focusing on the following activities:

1. Developing and implementing innovative early clinical development strategies from first in-man through pharmacological/biomarker POC (phase Ib/phase 2a) across all therapeutic areas and geographic regions
2. Developing and implementing clinical pharmacology programs that support product development, registration, differentiation and precision medicine
3. Developing and implementing pharmacometric strategies, including state-of-the-art PK/PD modeling and simulation to optimize study design, data interpretation, predict clinical safety and efficacy, and support decision making as well as product development.

In the second year of the fellowship, depending upon the fellow's interest and/or priority of projects within the organization, the fellow can rotate (3-6 months) through various departments at Daiichi Sankyo.

Rotations may include but not be limited to:

- Clinical Development
- Regulatory Affairs
- Clinical Safety and Pharmacovigilance

OPPORTUNITY

Current Fellow PERSPECTIVE

"As a Quantitative Clinical Pharmacology fellow at Daiichi Sankyo, I have the chance to participate in meaningful and impactful work to help bring the right dose of the right drug to the right patient. In this role, I have the ability to work with independence while still receiving guidance and support from mentors. The two year fellowship is filled with opportunities to contribute to global drug development, to make decisions driven by data and quantitative analysis, and to collaborate cross-functionally with other industry professionals. This experience will help prepare me for a successful career within clinical pharmacology."

Elizabeth Booth, Pharm.D., R.Ph.

First-Year Fellow, Quantitative Clinical Pharmacology

Rutgers University, Ernest Mario School of Pharmacy

QCP Fellowship Leadership Team

"The QCP Fellowship will provide the selected candidate a broad and impactful experience in drug development. QCP is intimately involved in drug development from the first dose in humans throughout clinical development. This includes health authority submission, review, approval and even into the marketed product space, where we provide key input into label expansion including special populations such as pediatrics and geriatrics. In addition to our contributions to clinical development, we also play a key role in product development. By working closely with our colleagues in Pharmaceutical Technologies and Chemistry, Manufacturing, and Controls, we help to ensure that our products perform predictably and reproducibly in our patients. Across the entire value stream our contributions help to inform important drug development decisions, including key aspects of patient enrollment and dose selection, that makes an experience in QCP a unique window through which to view the world of drug development."

Frank LaCreta, *Global Head, Quantitative Clinical Pharmacology*

"The fellow will be part of global drug development teams, will contribute to the clinical profiling of drugs and help optimize dose and dosing regimen selection. By the end of the fellowship in QCP, the fellow will have a good understanding of the drug development process and will be able to design and interpret the results of clinical pharmacology studies in healthy volunteers and special patient populations."

Malaz Abutarif, B.Sc. (Pharmacy), Ph.D., M.B.A.,

Executive Director, Quantitative Clinical Pharmacology | Preceptor

Global Regulatory Affairs – Oncology

1 Two-Year Position *(Newly Recruiting)*

The Regulatory Affairs (RA) Global Oncology R&D Fellowship Program offers the opportunity to acquire first-hand working knowledge of the regulatory requirements for global drug development and the conduct of clinical studies. Using this knowledge, the fellowship also offers the opportunity to develop the necessary skill set to provide scientifically driven, tactical and strategic regulatory guidance to cross-functional project teams. Included within the Daiichi Sankyo oncology franchise are the cutting-edge Antibody Drug Conjugate (ADC) compounds being developed using unique approaches to address the unmet medical needs of patients.

During this two-year program, the fellow will collaborate closely with colleagues and scientists representing diverse backgrounds, knowledge, and expertise, both within regulatory and across other functions, e.g. Clinical Development, Clinical Pharmacology, Biostatistics, Drug Safety, Translational Medicine, and Marketing. The fellow will have the option of stay within RA for the full two-year program to expand their regulatory expertise by experiencing additional facets of drug development and Health Authority requirements, or they may rotate (3-6 months) through different departments at Daiichi Sankyo depending on Fellow's level of interest. Rotations may include but are not limited to the following functional areas: Clinical Development, Quantitative Clinical Pharmacology, or Clinical Safety and Pharmacovigilance.

Global Regulatory Affairs – Oncology Fellowship Activities & Experiences

Responsibilities

Year One responsibilities include:

- Spend at least one full year within the Regulatory Affairs (RA) department
- Develop an understanding of the drug development process and regulatory requirements to file and maintain Investigational New Drug Applications (IND), New Drug Applications (NDA) and Biologics License Applications (BLA).
- Participate in the development of global regulatory strategies and health authority interactions
- Prepare regulatory interaction documents and submission packages
- Acquire a working knowledge of international and country-specific requirements to support the conduct of global clinical studies
- Develop the necessary skill set to provide cross-functional project teams with rational and scientifically-driven regulatory strategic guidance across different phases of development
- Acquire a working knowledge of the regulatory requirements to support global drug approvals
- Attend national scientific conferences and FDA meetings
- Collaborate cross-functionally with global colleagues in Japan and Europe, representing diverse backgrounds, knowledge, and expertise, including:
  - Regulatory-CMC (Chemistry, Manufacturing and Controls)
  - Regulatory Operations
  - Labeling
  - Clinical Development
  - Clinical Pharmacology
  - Biostatistics
  - Clinical Safety and Pharmacovigilance
  - Translational Medicine
  - Commercial

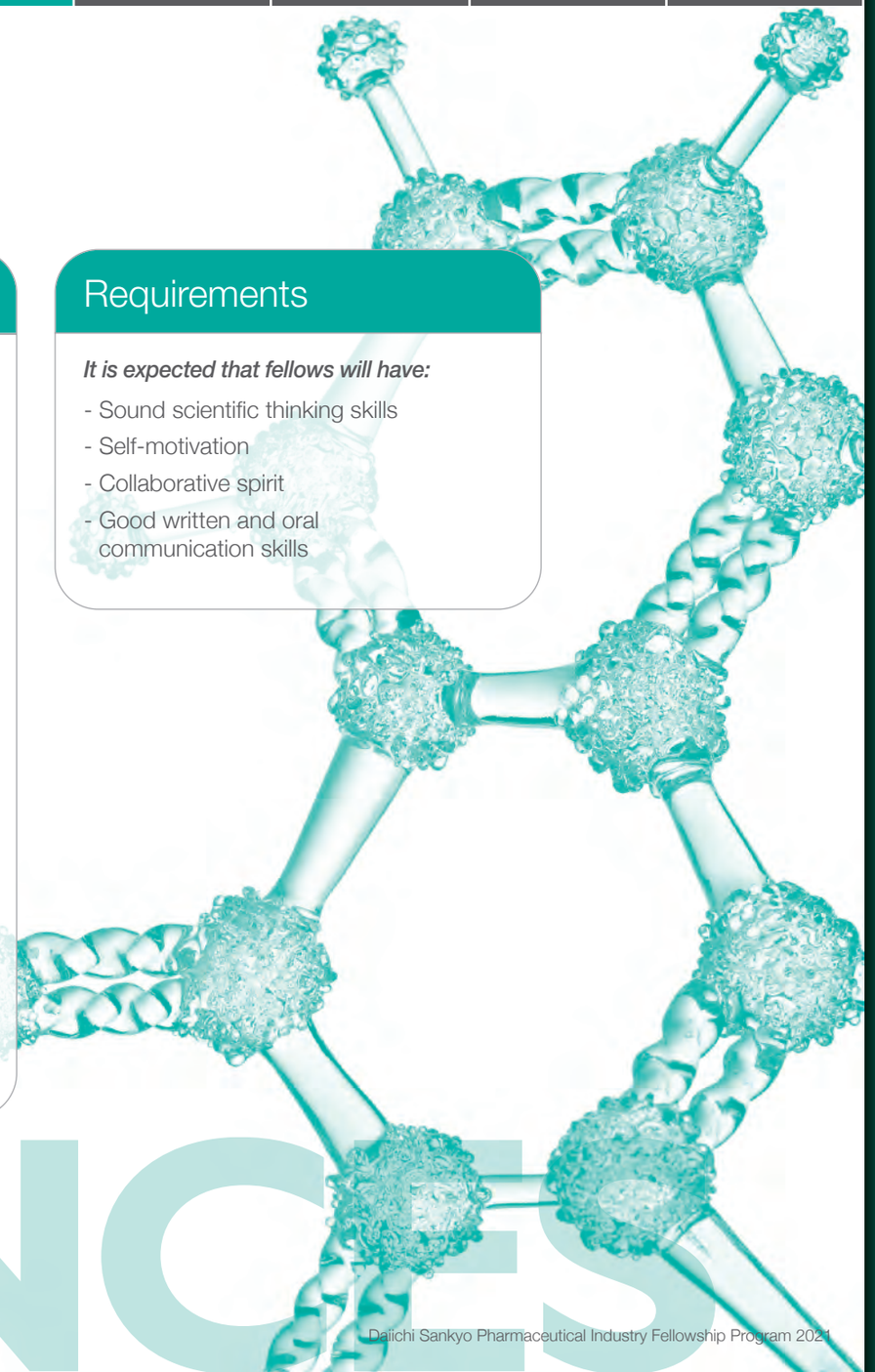
Year Two responsibilities include:

- Remain in RA to expand your regulatory experience through exposure to other facets drug development and Health Authority requirements
- Rotate (3-6 months) through various departments at Daiichi Sankyo, dependent on fellow's level of interest and/or projects with a high priority level within the organization. Rotations may include but are not limited to the following functional areas:
  - Clinical Development
  - Clinical Safety and Pharmacovigilance
  - Medical Affairs
  - Regulatory Affairs Labeling
  - Marketing
  - Business Development

Requirements

It is expected that fellows will have:

- Sound scientific thinking skills
- Self-motivation
- Collaborative spirit
- Good written and oral communication skills



EXPERIENCES

Current Fellow PERSPECTIVE

"The Daiichi Sankyo Fellowship exposes fellows to a breadth of experiences they may not have had outside of a fellowship program. These opportunities equip fellows with the necessary skills to jumpstart a career in the pharmaceutical industry. At Daiichi Sankyo, teams are very eager to teach you, and encourage you to participate in a variety of crossfunctional meetings and projects. All the experiences as a fellow will be geared towards ensuring that you are a competitive candidate in the industry."

Pranav Patel, Pharm.D., R.Ph.*
Second-Year Fellow, Regulatory Affairs
Rutgers University, Ernest Mario School of Pharmacy

**Not associated with Rutgers Pharmaceutical Industry Fellowship Program*

Global Regulatory Affairs – Oncology Leadership Team

"A fellowship is a great opportunity for hands-on learning and acquiring direct experience working side-by-side with seasoned drug developers. The multi-cultural influences within Daiichi Sankyo also create a unique environment where you will be part of dynamic global drug development."

Alan Mart
Executive Director, Regulatory Affairs Strategy Regulatory Affairs Oncology | Preceptor

"The fellowship is a win-win situation. It allows emerging bright talent the opportunity to develop a hands-on working knowledge of the pharmaceutical industry, and to begin building the essential skills to become an effective regulatory scientist/strategist. It simultaneously allows Daiichi Sankyo the unique opportunity to grow promising talent into junior strategists that can help the organization thrive and deliver on the amazingly promising pipeline we are so fortunate to have."

Eric Richards, M.S., M.P.H.
Vice President, Regulatory Affairs Oncology | Preceptor

Global Market Access & Pricing (GMA&P) Fellowship

1 Two-Year Position *(Newly Recruiting)*
(Health Economics & Outcomes Research)

1 Two-Year Position *(Newly Recruiting)*
(Global Market Access & Pricing)

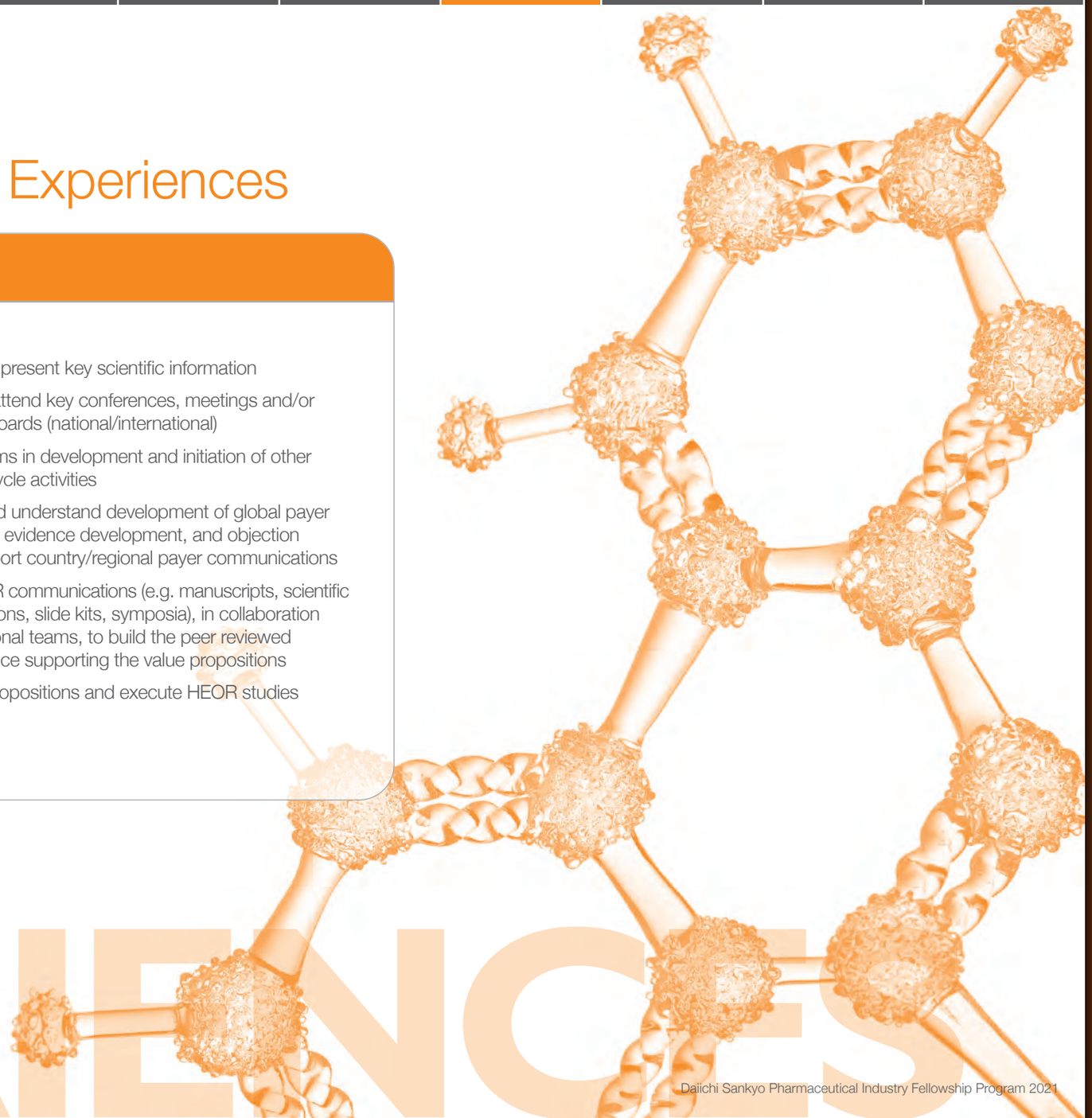
The Global Market Access & Pricing (GMA&P) department is responsible for leading, developing and continually enhancing global market access and health economics and outcomes research (HEOR) strategies to ensure optimal pricing and reimbursement for Daiichi Sankyo products. The GMA&P fellowship offers a unique opportunity to gain experience and exposure to pharmaceutical drug pricing, HEOR and market access. The 2-year global program has two tracks (HEOR track and Market Access & Pricing track) and will offer a comprehensive and hands-on experience of reimbursement and payer strategy, supporting both in-line and pipeline oncology products. This fellowship will provide the opportunity to partner with global internal and external stakeholders to ensure pricing and reimbursement strategy and tactics are aligned and localized. Our objective is to develop a specialized skill set to excel in global pricing & access careers in the pharmaceutical industry.

GMA&P Fellowship Activities & Experiences

Responsibilities

Main responsibilities of GMA&P fellows include:

- Develop and support GMA&P in preparing and optimizing pricing and reimbursement strategies for key products
- Conduct and support global pricing and contracting research activities to support product throughout the life cycle
- Participate in and support development of mock negotiation workshops with local affiliates
- Assess and understand key payer inputs into early-stage clinical trial design to maximize reimbursement opportunity
- Monitor and analyze key data from the latest/historical health technology assessment (HTA) decisions through secondary resources to support reimbursement strategy
- Use of pricing analogues to build a price database of the competitor brands
- Develop position papers that establishes GMA&P stance on key pricing policy topics
- Understand and present key scientific information
- Participate and attend key conferences, meetings and/or payer advisory boards (national/international)
- Assist payer teams in development and initiation of other launch and life cycle activities
- Contribute to and understand development of global payer value messages, evidence development, and objection handlers to support country/regional payer communications
- Implement HEOR communications (e.g. manuscripts, scientific forum presentations, slide kits, symposia), in collaboration with multi-functional teams, to build the peer reviewed published evidence supporting the value propositions
- Develop value propositions and execute HEOR studies



EXPERIENCES

Activities & Experiences (cont'd)

Interactions

In addition to Global Pricing and HEOR colleagues and external vendors, it is expected that fellows will interact with other functions particularly:

- Marketing
- Medical Affairs
- Regulatory Affairs
- Clinical Development
- Patient Advocacy
- Market Research
- Regional Pricing & Access
- Regional HEOR
- Biostatistics and Data Management

Requirements

It is expected that fellows will have:

- Ability to understand and process complex business issues
- Understanding of the clinical development process (ie. product lifecycle, clinical trials phases I, II, III)
- Interest in drug pricing, reimbursement and access
- Research knowledge of health economics, epidemiology, biostatistics (HEOR track)

GMA&P Fellowship Leadership Team

"The role of GMA&P is to optimize our business value through evidence development and implementation of market access and pricing strategies to support our entire value chain. Fellows in this program have the unique opportunity to learn different components of market access, pricing and HEOR and how the team collaborates to ensure our innovative products are not only approvable, but also reimbursable at the appropriate pricing level."

Xin (Sam) Ye

Senior Director, Global HEOR | Preceptor

"The Daiichi Sankyo GMA&P fellowship program will provide the opportunity to learn and build the skills required to be part of the global pricing and access community of professionals in the pharma industry. This fellowship program supports our mission of creating greater awareness of pricing & reimbursement challenges and opportunities in order to achieve patient access globally for innovative therapies."

Khalid Mirza

Senior Director, Global Pricing & Access ADC | Preceptor

Precision Medicine Fellowship

1 Two-Year Position *(Newly Recruiting)*

The mission of the Companion Diagnostics (CDx) Department in Global Oncology R&D is to make Precision Medicine a reality for patients. Our teams lead the Co-Development of Companion Diagnostics tests in parallel with the corresponding drug, and in close collaboration with our external In Vitro Diagnostic Partners. These tests can identify patients most likely to benefit from our therapies, can identify those patients at risk for side effects and can monitor treatment responses.

Precision Medicine is a growing field and it is an increasingly important enabler for bringing innovative therapies to our patients. The goal of the two-year fellowship is provide the fellow with experience in creation and oversight of CDx development strategies, and in participating in activities for regulatory submission, approval and launch of CDx tests with our drugs.

Precision Medicine Fellowship Activities & Experiences

Responsibilities

Precision Medicine fellows rotate through multiple roles in the CDx function:

- Deputy CDx Leader for overseeing strategy and execution for assay development with Diagnostic partner(s)
- CDx Project Manager to track deliverables, timelines, budgets, to create risk mitigation strategies and to help organize and document project team meetings
- Contributor to CDx Regulatory activities by preparing and reviewing documents, participating in preparatory meetings and by gaining an understanding of requirements from global health authorities
- CDx Operations manager for development and implementation of a CDx Operations strategy
- The fellow may also contribute to Diagnostics activities in support of Medical Affairs, Marketing or Business Development during the two-year period

Interactions

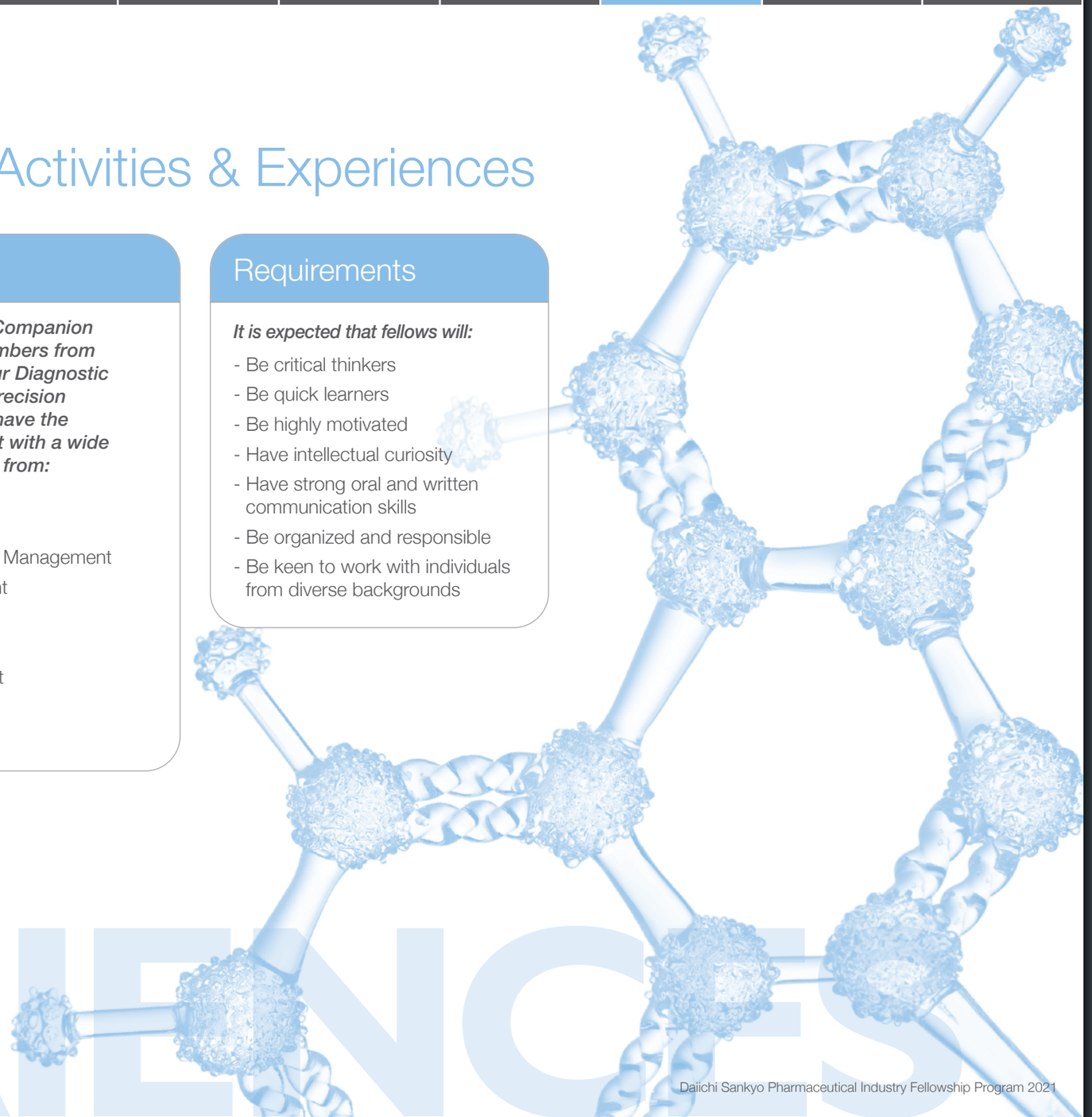
In addition to Global Companion Diagnostics team members from Daiichi Sankyo and our Diagnostic partner companies, Precision Medicine fellows will have the opportunity to interact with a wide range of stakeholders from:

- Clinical Development
- Regulatory Affairs
- Biostatistics and Data Management
- Business Development
- Alliance Management
- Legal
- Program Management
- Medical Affairs
- Commercial

Requirements

It is expected that fellows will:

- Be critical thinkers
- Be quick learners
- Be highly motivated
- Have intellectual curiosity
- Have strong oral and written communication skills
- Be organized and responsible
- Be keen to work with individuals from diverse backgrounds



EXPERIENCES

Precision Medicine Leadership Team

"We are pleased to offer an industry-leading fellowship opportunity that has an emphasis on all aspects of Companion Diagnostics, in the exciting and rapidly growing Precision Medicine arena. Our team which is passionate about impacting patients' lives in a meaningful way, is keen to share our expertise and learnings with PharmD Fellows who will play an increasingly important role in the widespread implementation of Precision Medicine in their future careers. The fellows will have the opportunity to work with and contribute to a range of different functions and gain expertise in both drug and diagnostic development."

Shirin Khambata Ford, Ph.D.
Head, Clinical Biomarkers & Companion Diagnostics | Preceptor

"The development of companion diagnostics is an increasingly important component of Translational and Precision Medicine work at Daiichi-Sankyo, as well as at pharmaceutical and biotechnology companies around the world. Our Antibody-Drug Conjugate pipeline lends itself especially well to the use of CDx even early in clinical development to select the right patients for therapy. The CDx PharmD fellowship program gives fellows the opportunity to learn many aspects of such development, from management of complex multi-company projects to worldwide regulatory considerations, and in an environment that is cross-cultural and well-integrated. Daiichi-Sankyo expects to see a burst of new CDx test development to link patients with emerging therapies."

Robert L. Phillips, Ph.D.
Vice President, Global Head, Translational Science

"The CDx PharmD fellowship is an opportunity to experience first-hand the process of companion diagnostic development and its impact on Precision Medicine and patient care from the vantage point of a cutting-edge global pharmaceutical company. This introduction to Companion Diagnostics will leverage the knowledge and expertise of our research and development team and will be an opportunity to observe the interaction of the team within a cross-functional environment including clinical, statistical, regulatory and commercial areas. This fellowship can serve as the foundation for a future career in Precision Medicine or other aspects of the healthcare sector."

Jonathan Juco, M.D.
Senior Director, Companion Diagnostics Leader | Preceptor

Past Fellow EXPERIENCES

"Daiichi Sankyo's Global Commercial Fellowship provided an array of opportunities for both personal and professional growth. The projects were challenging and exciting, and the unique rotations allowed me to obtain experience across multiple functional areas within Commercial. As a fellow, I had the privilege of working alongside extremely supportive mentors who advocated for my development and success."

Sarah Kwon, Pharm.D., M.B.A.

- *2013–2015 Marketing Sciences Fellow*
- *Associate Director, Global Business Development*
- *Daiichi Sankyo, Inc.*

"During my fellowship, I led and worked on several diverse projects within Medical Affairs. The fellowship provided me the opportunity to become familiar with leading advisory boards, congress planning, reviewing promotional material and other medical information and strategy initiatives. With that broad foundation, I gained the skills and core understanding necessary to excel in my various post-fellowship roles."

Poonam Fredeman, Pharm.D.

- *2012–2014 Medical Affairs Fellow*
- *Associate Director, Global Medical Affairs, Oncology Medical Information and Education*
- *Daiichi Sankyo, Inc.*

"Starting my career at Daiichi Sankyo as a Global Commercial fellow was truly a unique and rewarding experience. The program allowed me to rotate into different departments and have exposure to many extremely talented mentors and leaders within our oncology business that advocated for my development. Upon completion of the fellowship program, I felt set up to excel in the pharmaceutical industry, and at my current position within Daiichi Sankyo with the foundational skills I built during my time as a fellow."

Alyson Sapirstein, Pharm.D., R.Ph., M.B.A.

- *2017–2019 Commercial, Global Oncology Marketing Fellow*
- *Global Brand Manager*
- *Daiichi Sankyo, Inc.*

"As a fellow at Daiichi Sankyo, I was able to establish a core skill set in many areas within medical affairs. I was able to expand upon this foundation based on my interests to obtain unique experiences that facilitated my professional growth. This allowed me to be a more versatile candidate as I transitioned into a full-time position. Daiichi Sankyo has provided me with the tools I need to flourish in my career."

Bridgette Tran, Pharm.D., R.Ph.

- *2017–2019 U.S. Medical Affairs, Pain/Oncology Fellow*
- *Manager, Global Medical Communications, Rare Disease (Cystic Fibrosis)*
- *Vertex Pharmaceuticals*

EXPERIENCES

RPIF Fellowship Alumni

Christina N. Breen, Pharm.D.
- 2001–2002 Medical Affairs Fellow

Amy Desai, Pharm.D.
- National Director, Field Medical-Ophthalmology
- Novartis Pharmaceuticals
- 2002–2003 Medical Affairs Fellow

Christine L. Racchini, Pharm.D.
- National Director, Field Medical - Neuroscience
- Novartis Pharmaceuticals
- 2002–2003 Scientific Affairs Fellow

Brad F. Tumminello, Pharm.D.
- Sr. Director, MSL Lead West, Hematology/Nephrology
- SpringWorks Therapeutics
- 2003–2004 Medical Affairs Fellow

Gina L. Vestea, Pharm.D.
- Sr. Director, Regulatory Affairs, Advertising & Promotion
- Sanofi US
- 2003–2004 Scientific Affairs Fellow

Mahesh Tawney, Pharm.D.
- Director - Medical Outcomes Science Liaison
- Alnylam Pharmaceuticals
- 2004–2005 Scientific Affairs Fellow

Giby Thomas, Pharm.D.
- 2004–2005 Medical Affairs Fellow

Theresa D. Ankamah, Pharm.D.
- Exec. Director, Field Medical Affairs
- AMAG Pharmaceuticals
- 2005–2006 Medical Affairs Fellow

Nana K. Wiafe-Ababio, Pharm.D.
- Executive MSL
- Takeda
- 2005–2006 Scientific Affairs Fellow

Jessa Ford Depew, Pharm.D.
- Regional Medical Director
- Santhera Pharmaceuticals
- 2006–2007 Medical Affairs Fellow

Chhaya Patel, Pharm.D.
- Director, Global MSL & MI
- Novartis Pharmaceuticals
- 2006–2007 Medical Affairs Fellow

BoYoung Goh, Pharm.D.
- Medical Science Liaison
- ViiV Healthcare
- 2007–2008 Medical Affairs Fellow

Jalpa Patel, Pharm.D.
- 2007–2008 Medical Affairs Fellow

Matthew Wong, Pharm.D.
- Head of Business Operations - Global Regulatory Strategy & Policy
- Bristol Myers Squibb
- 2008-2009 Medical Affairs Fellow

Nisha Patel, Pharm.D.
- Regional Director of MSL in U.S. Clinical Development and Medical Affairs
- Novartis
- 2008-2009 Medical Affairs Fellow

Neil Mattai, Pharm.D.
- 2008–2009 New Product Market Research Fellow

Dominic Lai, Pharm.D.
- Scientific Director, Medical Strategy
- Pharmacyclics, an Abbvie Company
- 2009–2010 Medical Affairs Fellow

Maninee Patel, Pharm.D.
- 2009–2010 Medical Affairs Fellow

Irene Wang, Pharm.D.
- Director, Global Oncology Content & Education
- Pfizer
- 2010–2011 Medical Affairs Fellow

Dipam Doshi, Pharm.D.
- Senior Medical Science Liaison
- SpringWorks Therapeutics
- 2010–2011 Medical Affairs Fellow

Ashley S. Johnson, Pharm.D.
- 2010–2011 Medical Affairs Fellow

Michelle Lee, Pharm.D.
- Assistant Scientific Director, U.S. Medical Affairs
- AbbVie Inc.
- 2011-2012 Medical Affairs Fellow

Amee Patel, Pharm.D.
- Associate Director, Promotional Regulatory Affairs
- Jazz Pharmaceuticals
- 2011–2012 Medical Affairs Fellow

Nupur Patel, Pharm.D.
- Director, Global Public Affairs and Corporate Operations
- Incyte
- 2011-2012 Medical Affairs Fellow

Ruth Haile-Meskale, Pharm.D., M.B.A.
- Senior Medical Science Liaison
- Spark Therapeutics, Inc.
- 2012-2013 Medical Affairs Fellow

Eric Zhao, Pharm.D.
- Senior MSL
- Amgen Pharmaceuticals
- 2012–2013 Medical Affairs Fellow

Monica Sukhatme, Pharm.D.
- Executive Director/National Head, MSL Team
- Coherus BioScience
- 2011–2013 New Product Business Analytics Fellow

Poonam Fredeman, Pharm.D.
- Associate Director, Global Medical Information & Education
- Daiichi Sankyo, Inc.
- 2012–2014 Medical Affairs Fellow

Jacob Reichert, Pharm.D.
- Associate Director, Rare Diseaser Marketing
- Ipsen
- 2013–2015 Medical Affairs Fellow

Chrissie Chew, Pharm.D.
- Senior Medical Scientist
- Gilead Sciences
- 2013–2015 Medical Affairs Fellow

Benjit Singh, Pharm.D.
- 2013-2015 Commercial, New Product Planning Fellow

Sarah Kwon, Pharm.D., M.B.A.
- Associate Director, Global Business Development
- Daiichi Sankyo
- 2013–2015 Marketing Sciences Fellow

Nilomi Shah, Pharm.D.
- Director, Medical Affairs
- Neurogene, Inc.
- 2014–2016 Medical Affairs Fellow

Alexander Oladele, Pharm.D., R.Ph.
- Senior Medical Science Liaison, Oncology
- Astellas Pharma
- 2015-2017 Medical Affairs Fellow

Gediminas Pliura, Pharm.D., R.Ph.
- Associate Marketing Director
- Bluebird Bio
- 2015–2017 Commercial, New Product Planning Fellow

Bridget McGugan, Pharm.D., M.B.A.
- Clinical Research Manager
- Neuronetics, Inc.
- 2016–2018 Commercial, Market Research Oncology Fellow

Alyson Sapirstein, Pharm.D., R.Ph., M.B.A
- Global Brand Manager
- Daiichi Sankyo
- 2017–2019 Commercial, Global Oncology Marketing Fellow

Bridgette Tran, Pharm.D., R.Ph.
- Senior Medical Manager, Global Alzheimers Disease
- Biogen
- 2017–2019 U.S. Medical Affairs, Pain/Oncology Fellow

Joshua Lin, Pharm.D., R.Ph.
- Senior Manager, Medical Affairs Strategy (Women's Health)
- Myovant Sciences
- 2018–2020 U.S. Medical Affairs Fellow

Harsh Reddy, Pharm.D., R.Ph.
- Manager, Competitive Intelligence
- Bristol Myers Squibb
- 2018–2020 Global Oncology Marketing Fellow

Omama Zubairi, Pharm.D.
- Franchise Medical Scientist, U.S. Portfolio Strategy
- Bristol Myers Squibb
- 2018–2020 Global Medical Affairs, Oncology Fellow

Lukasz Jarosz, Pharm.D.
- Manager, Global Business Development
- Daiichi Sankyo, Inc.
- 2018–2020 Global Business Development – Transactions Fellow

Other Daiichi Sankyo Fellowship Alumni

Ben Kim, Pharm.D.
- Clinical Scientist
- Merck
- Fellow 2018–2020

Mark Lee, Pharm.D.
- Manager, QCP
- Daiichi Sankyo, Inc.
- Fellow 2018–2020

Hoang Pham, Pharm.D.
- Manager, Clinical Safety & PV
- Daiichi Sankyo, Inc.
- Fellow 2017–2019

Allison Allen, Pharm.D.
- Sr. Manager, Regulatory Affairs
- Genmab
- Fellow 2017–2019

Neil Dhopeshwarkar, Pharm.D.
- Ph.D. Candidate in PE
- University of Pennsylvania
- Fellow 2016–2018

Michele Vigliotti, Pharm.D.
- Assoc. Dir., Global Oncology R&D
- Daiichi Sankyo, Inc.
- Fellow 2016–2018

Nicole Liaw, Pharm.D.
- Assoc. Dir., Global Regulatory Affairs Strategy
- Bristol Myers Squibb
- Fellow 2015–2017

Elan Lutinger, Pharm.D., M.B.A.
- Specialist CAR-T
- Johnson & Johnson
- Fellow 2014–2016

Derek E. Mires, Pharm.D.
- Director, Global Oncology R&D
- Daiichi Sankyo, Inc.
- Fellow 2013–2015

Mike DeMarco, Pharm.D., M.B.A.
- Director, Management Consulting
- PwC
- Fellow 2012–2014

Neda Aghajani Memar, Pharm.D.
- Sr. Manager, Regulatory Affairs Strategy
- Pfizer
- Inaugural Fellow 2011–2013

Daiichi-Sankyo

Rutgers Pharmaceutical Industry Fellowship Program

Ernest Mario School of Pharmacy
Rutgers, The State University of New Jersey

RUTGERS
Institute for Pharmaceutical Industry Fellowships

RUTGERS

Rutgers Pharmaceutical Industry Fellowship Program

Ernest Mario School of Pharmacy | Rutgers, The State University of New Jersey

PROGRAM HISTORY

In 1984, at Rutgers, The State University of New Jersey, the Ernest Mario School of Pharmacy and two pharmaceutical companies began a collaborative pilot program to evaluate the potential contributions of clinically-trained pharmacists within a pharmaceutical industry practice setting. Following the successful pilot, the Rutgers Pharmaceutical Industry Fellowship (RPIF) Program grew significantly and expanded to include 21 companies within the pharmaceutical and biopharmaceutical industries and over 250 fellows annually.

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

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

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

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

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

HISTORY

Joseph A. Barone, Pharm.D., F.C.C.P.

Dean and Professor II
Ernest Mario School of Pharmacy

Lesley Fierro, M.S., Pharm.D.

Fellowship Director
Rutgers Pharmaceutical Industry Fellowships

PROFESSIONAL DEVELOPMENT SERIES

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

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

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

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

Key Program Features

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

Family of Leading Companies – Partners include several of the top 21 global pharmaceutical and biopharmaceutical companies.

Outstanding Alumni Track Record – Over 1,000 alumni hold prominent positions at many leading companies.

Strong Network – Over 250 fellows each year develop valuable, lasting connections with each other, alumni, preceptors and faculty.

The Pathway to Industry – Since 1984, the Rutgers program has been nationally recognized, trusted, and proven as the pathway to industry for pharmacists.

Enhanced Career Path – Increasingly challenging assignments build depth of experience and enhance the potential for an accelerated career path.

Rigorous Academic Component – Rutgers affiliation provides academic and professional development opportunities.

RUTGERS
Institute for Pharmaceutical Industry Fellowships

RPIF PROGRAM

APPLICATION PROCESS AND ELIGIBILITY REQUIREMENTS:

Fellows for the Rutgers Pharmaceutical Industry Fellowship Program are selected on a nationally competitive basis. Candidates must have completed a Doctor of Pharmacy degree from an ACPE accredited institution before July 1 of the fellowship term.

Due to the ongoing pandemic, participation in PPS/ASHP is required. The PPS Portal will be necessary to request an interview with positions of interest. In addition, interested individuals may submit their application materials (curriculum vitae, three letters of recommendation and a letter of intent) beginning September 2020 by visiting our website at: ***pharmafellows.rutgers.edu***

All application materials **must be submitted electronically to the RPIF Website, in addition to requesting an interview via the PPS Portal.**

How to Apply:

REQUIRED ITEMS	DEADLINE*
• Curriculum Vitae (CV)	November 6th
• Letter of Intent (LOI)	November 6th
• Letters of Recommendation (LORs)	December 1st

***This is a rolling submission. Applicants are strongly encouraged to submit application materials as soon as possible to request an interview. The final day to request an interview via the PPS Portal is November 06, 2020 at 11:59 PM PST.**

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

Joseph A. Barone, Pharm.D., F.C.C.P.
Dean and Professor II
Ernest Mario School of Pharmacy
Rutgers, The State University of New Jersey
160 Frelinghuysen Road
Piscataway, NJ 08854-8020

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Daiichi-Sankyo

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Compassion for Patients.™

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