TAKEDA PHARMACEUTICALS

About Takeda
Takeda is a global, values-based, R&D-driven biopharmaceutical leader headquartered in Japan, committed to bringing Better Health and a Brighter Future to patients by translating science into highly innovative medicines. Takeda focuses its R&D efforts on four therapeutic areas: Oncology, Gastroenterology (GI), Rare Diseases and Neuroscience. We also make targeted R&D investments in Plasma-Derived Therapies and Vaccines. www.takeda.com

Mission
Our Mission is to strive towards Better Health and a Brighter Future for people worldwide through leading innovation in medicine.

TAKEDA - PURDUE FELLOWSHIP PROGRAMS

Takeda Pharmaceuticals and Purdue University offer four fellowship programs that are two-years in duration:

- Global Regulatory Affairs Drugs & Biologics Fellowship (GRA)
- Global Regulatory Affairs Vaccines Fellowship
- Global Early Clinical Trial Operations Fellowship (ECO)
- US Medical / Medical Science Liaison (MSL) Fellowship

The majority of the time of the fellows’ time will be spent at Takeda in Cambridge or Lexington, MA. The fellow will be an employee of Purdue University in West Lafayette, IN.

The Takeda-Purdue Fellowships will provide Doctor of Pharmacy (PharmD) graduates with the opportunity to gain specialized, hands-on training and experience in Global Regulatory Affairs, Clinical Operations or Medical Affairs. The fellowship is designed to prepare and develop the PharmD graduate for a career in regulatory strategy, drug development or medical affairs. In addition to bolstering a scientific link between Takeda and Purdue University, the fellowship aims to enhance the regulatory, clinical and medical activities at Takeda, with a goal to eventually serve and improve the drug development process across the industry.

The fellowship candidates should be passionate about a career in the pharmaceutical industry, be motivated to learn and contribute in a collaborative environment, possess excellent oral and written communication skills and demonstrate strong leadership qualities and the ability to influence in a matrixed environment.

PURDUE UNIVERSITY COLLEGE OF PHARMACY

For over 125 years, Purdue has trained the world’s elite pharmacy leaders through acclaimed curricula, preeminent faculty and active industry partnerships.

As an Adjunct Clinical Assistant Professor at Purdue, the fellow may have the opportunity to:

- Develop, coordinate and provide lectures for didactic pharmacy courses
- Co-precept pharmacy students on advanced experiential rotations
- Participate in professional development seminars with other fellows and residents from Purdue and/or Takeda-affiliated programs
- Create and lead university outreach activities to promote the fellowship program
- Lead future Takeda – Purdue fellowship recruitment activities
- Obtain an Indiana Pharmacy Teaching Certificate (IPTeC)
- Lead research project(s) and present poster(s) at professional conferences
- Publish articles in scholarly journals

PURDUE SPONSORS

“The opportunities provided by the Takeda - Purdue partnership allow us to further advance our mission of preparing the next generation of leaders in pharmacy and the pharmaceutical sciences. This program enables fellows to gain transformational experiences for career development. We at Purdue are grateful for Takeda’s commitment to a program that truly represent the highest level of excellence.”

Eric L. Barker, PhD
Dean and Professor
Purdue University College of Pharmacy

“The Purdue/Takeda Fellowship offers a unique opportunity for the fellow to gain insight and contribute significantly to the teaching, research, and engagement arms of world class academic and industry enterprises.”

Alan J. Zillich, PharmD, FCCP
William S Buckle Professor and Head of the Department of Pharmacy Practice
Purdue University College of Pharmacy

“As a top 10 pharmacy program, Purdue University College of Pharmacy has a strong reputation for training elite pharmacy leaders. The fellow will have the opportunity to contribute to the didactic instruction and experiential learning of student pharmacists as well as interact with world-class pharmacy faculty and researchers.”

Amy Heck Sheehan, PharmD
Associate Professor of Pharmacy Practice
Purdue University College of Pharmacy
Global Regulatory Affairs (GRA) Overview
At Takeda, the fellow will receive mentorship and individual guidance from the Global Regulatory Affairs Development team and will collaborate with cross-functional project teams, as well as Global Health Authorities. Additionally, the fellow will acquire a better understanding of the global drug development process through participation in various activities in the United States, the European Union, Japan, and emerging markets.

Global Regulatory Affairs (GRA) at Takeda
- Serves as the primary liaison between Takeda and Global Health Authorities
- Provides regulatory intelligence necessary to generate and present information to meet the needs of key stakeholders including Global Health Authorities, patients, purchasers and prescribers
- Provides regulatory strategic input required to expedite drug development, filing and global regulatory approval of new drug or biologic products
- Collaborates with cross-functional teams to provide regulatory strategy to optimally design and implement successful drug development strategies
- Leads the development, submission and maintenance of Investigational New Drugs (INDs), New Drug Applications (NDAs), Clinical Trial Applications (CTAs) and Marketing Authorization Applications (MAAs)
- Ensures compliance with global regulations and supports the interpretation of global health authority requirements

APPLICATION

POSITIONS AVAILABLE: 2

APPLICATION REQUIREMENTS:
- Curriculum Vitae
- Letter of Intent
- Official college of pharmacy transcript
- Three letters of recommendation

PLEASE SEND ALL CORRESPONDENCE TO:
Yijia Luo, PharmD, RPh, RAC
Takeda Pharmaceuticals International Co. Inc.
40 Landsdowne Street
Cambridge, MA 02139, USA
Email: GRAFellowship@takeda.com
GLOBAL EARLY CLINICAL TRIAL OPERATIONS FELLOWSHIP

ECO Fellowship Details
ELIGIBILITY
The fellow will be selected on a nationally competitive basis. To be eligible, candidates must be graduates of an Accreditation Council for Pharmacy Education (ACPE) accredited Doctor of Pharmacy Program before the fellowship begins in July. Participation in the American Society of Health-Systems Pharmacists (ASHP) Midyear Clinical Meeting Personnel Placement Services (PPS) is strongly encouraged, but not required. The candidate must be eligible to work in the United States, as Purdue and Takeda will not provide sponsorship to foreign students.

BENEFITS
The fellow will receive a competitive stipend and benefits package, including comprehensive health and dental insurance. Attendance at one or more professional meetings, conferences or workshops will be sponsored by the fellowship.

CERTIFICATE OF COMPLETION
Purdue University and Takeda will award a professional certificate upon successful completion of the fellowship.

APPLICATION
POSITIONS AVAILABLE: 1

APPLICATION REQUIREMENTS:
• Curriculum Vitae
• Letter of Intent
• Official college of pharmacy transcript
• Three letters of recommendation

PLEASE SEND ALL CORRESPONDENCE TO:
Rhett Behrie, MS
Takeda Pharmaceuticals International Co.
40 Landsdowne Street
Cambridge, MA 02139, USA
Email: ecofellowship@takeda.com

Early Clinical Trial Operations (ECO) Overview
The ECO function at Takeda is responsible for operational strategy, planning and oversight of early development clinical programs. The fellow will receive mentorship and individual guidance from the ECO team and collaborate on cross-functional teams.

Early Clinical Trial Operations (ECO) at Takeda
• Provides operational expertise and strategic input to the development of Clinical Development Plans supporting the overall clinical strategy through to Proof Of Concept
• Develops operational strategy on programs in close collaboration with strategic partners and serves as the liaison between partners and Takeda
• Leads clinical program budget planning and accountable for external spend related to clinical program execution
• Ensures that budgets, enrollment and gauging are accurate by working closely with strategic partners and internal departments
• Provides sponsor’s oversight of strategic partners, program level direction and support to ensure the effective execution of clinical studies
• Reviews and provides expert clinical operations input into clinical documents related to the drug development process, such as Investigator’s Brochures, INDs, IMPDs, study synopsis and protocols, clinical study reports, NDAs, MAAs and other safety documents.

TAKEDA SPONSORS
“Our Early Clinical Operations team translates our cutting-edge science into innovative clinical trials. As a member of ECO, the fellow will assist in the planning and oversight of multiple early phase clinical trials (Phase 1-2a) in various indications and will contribute to advance therapies closer to patients.”
David Rogovitz, PharmD, MSc.
Senior Director, Early Clinical Operations
Fellowship Director, Takeda - Purdue ECO Fellowship

“Within the Translational Research and Early Clinical operations group, a fellow will participate in the translation strategy of drug candidates in gastroenterology, neuroscience and rare disease indications as these assets transition from the “bench” and preclinical models into the clinic via first in human health volunteers and patient proof of concept clinical trials. As an early program clinical operational lead, a fellow will contribute in program team meetings and help the early Clinical Operational Program Lead to manage the clinical strategy and execution, while working closely with a mentor and other team members.”
Rhett Behrie, MS
Associate Director, Early Clinical Operations
Fellowship Coordinator, Takeda - Purdue ECO Fellowship

CURRENT FELLOW
“As the first fellow in the ECO program, it is an honor to pioneer a unique experience for pharmacy school graduates interested in supporting early phase clinical development programs. The opportunities of being involved in both academic and real-world experiences provide a unique knowledge base for a successful career in clinical drug development.”
Yuting Chen, PharmD, RPh
2019-2021 Fellow, Early Clinical Operations
Northeastern University
US MEDICAL/MEDICAL SCIENCE LIAISON (MSL) FELLOWSHIP

Advancing Science and Education Together.

US Medical at Takeda is composed of several closely integrated functional teams, with roles and responsibilities that are distinct yet interdependent. The fellow will have the opportunity to experience, collaborate with, and receive individual mentorship from the in-house and field-based groups within US Medical.

Field Medical (MSL/AML)

Medical Science Liaisons (MSL) are the field-based therapeutic area scientific experts responsible for the development of relationships between Takeda US Medical and Health Care Professionals (including Key Opinion Leaders) as well as key institutions.

Account Medical Liaisons (AML) are the field-based scientific experts responsible for developing relationships between Takeda US Medical and Population-Based Decision Makers (i.e. payers, health plans, PBMS).

Health Economics Outcomes Research

Supports the development, alignment, and communication of HEOR strategic engagement plans, materials, and tools for the field medical teams (AML/MSL) directed to US payer customers.

Medical Information (MI)

Responsible for critical medical and scientific information analysis across therapy areas, the MI department is a customer-facing team providing medical and scientific knowledge on all Takeda treatments.

Scientific Communications

Provides support to licensed treatments and the research pipeline through balanced, ethical and timely dissemination of evidence-based medical and scientific information, through tactics such as core medical content, field medical tools, scientific congresses, and symposia.

Scientific Publications

Provides publication planning and execution support from non-clinical development through post-approval stages and beyond, for both licensed treatments and molecules in the research pipeline.

MSL Fellowship Details

ELIGIBILITY

The fellow will be selected on a nationally competitive basis. To be eligible, candidates must be graduates of an Accreditation Council for Pharmacy Education (ACPE) accredited Doctor of Pharmacy Program before the fellowship begins in July. Participation in the American Society of Health-Systems Pharmacist (ASHP) Midyear Clinical Meeting Personnel Placement Services (PPS) is strongly encouraged, but not required. The candidate must be eligible to work in the United States, as Purdue and Takeda will not provide sponsorship to foreign students.

BENEFITS

The fellow will receive a competitive stipend and benefits package, including comprehensive health and dental insurance. Attendance at one or more professional meetings, conferences or workshops will be sponsored by the fellowship.

CERTIFICATE OF COMPLETION

Purdue University and Takeda will award a professional certificate upon successful completion of the fellowship.

APPLICATION

POSITIONS AVAILABLE: 1

APPLICATION REQUIREMENTS:

- Curriculum Vitae
- Letter of Intent
- Official college of pharmacy transcript
- Three letters of recommendation

PLEASE SEND ALL CORRESPONDENCE TO:

Albert Edney, PhD
Takeda Pharmaceuticals International Co.
95 Hayden Avenue
Lexington, MA 02421, USA
Email: medicalfellows@takeda.com

TAKEDA SPONSORS

“At Takeda, US Medical delivers meaningful solutions that transform patient care by partnering with healthcare stakeholders and cross-functional teams. Our actions and decision making are guided by our strong values of Takeda-ism and Patient-Trust-Reputation-Business. Together we provide the expertise and research to share the value our therapies bring to patients, healthcare providers and payers. We very much look forward to this partnership with Purdue and providing real-world experience to these talented individuals.”

Tom Koutsavlis, MD
Head, US Medical
Sponsor, Takeda-Purdue US Medical Fellowship

“We in US Medical are very excited to participate in the Purdue Fellowship Program. Within US Medical, a fellow will participate in a rotational experience within the various aspects of US Medical Affairs that will prepare them for a variety of in-house and field-based opportunities. The fellow will participate in informing real world clinical practice by generating and disseminating evidence for patients, providers, payers and policy in order to positively impact health outcomes, while working closely with amenter and other team members.”

Albert Edney, PhD
Director, Immunology MSL Team
Fellowship Director, Takeda-Purdue US Medical Fellowship

Takeda - Purdue Fellowship Program
Global Regulatory Affairs Vaccines Overview
At Takeda Vaccines, the fellow will receive mentorship and individual guidance from the Regulatory Affairs Vaccines (RAV) strategy team and will collaborate with cross-functional vaccine development project teams. Additionally, the fellow will acquire a better understanding of the global vaccine development process through participation in various activities in the United States, the European Union, Latin America, and Asia Pacific Markets.

Global Regulatory Affairs Vaccines at Takeda
- Collaborates with RAV team to develop innovative regulatory strategies for challenging infectious diseases
- Provides regulatory guidance and strategy as a member of cross-functional development teams
- Leads the development, submission and maintenance of Investigational New Drug Applications (INDs), Biologics License Applications (BLAs) and Marketing Authorization Applications (MAAs)
- Ensures compliance with global regulations and supports the interpretation of worldwide health authority requirements
- Serves as the primary liaison between Takeda and Global Health Authorities.

GRA Vaccines Fellowship Details
ELIGIBILITY
The fellow will be selected on a nationally competitive basis.
To be eligible, candidates must be graduates of an Accreditation Council for Pharmacy Education (ACPE) accredited Doctor of Pharmacy Program before the fellowship begins in July. Participation in the American Society of Health-Systems Pharmacists (ASHP) Midyear Clinical Meeting Personnel Placement Services (PPS) is strongly encouraged, but not required. The candidate must be eligible to work in the United States, as Purdue and Takeda will not provide sponsorship to foreign students.

BENEFITS
The fellow will receive a competitive stipend and benefits package, including comprehensive health and dental insurance. Attendance at one or more professional meetings, conferences or workshops will be sponsored by the fellowship.

CERTIFICATE OF COMPLETION
Purdue University and Takeda will award a professional certificate upon successful completion of the fellowship.

APPLICATION
POSITIONS AVAILABLE:
not recruiting for 2020-2022 cycle

PLEASE SEND ALL QUESTIONS TO:
Matthew Curtis
Takeda Pharmaceuticals International Co.
40 Landsdowne Street
Cambridge, MA 02139, USA
Email: VBURAFellows@takeda.com

TAKEDA SPONSORS
“The fight against global infectious disease requires significant collaboration. Takeda is forging partnerships and collaborating across R&D, clinical science, operations and commercial functions to achieve its mission of making important vaccines available to those who need them, and Regulatory Affairs’ contribution is pivotal in this endeavor.”
John Boslego, MD
Senior Vice President and Head, Global Vaccines Development

“We are excited to be part of the Purdue Fellowship program. Vaccine Regulatory Affairs works very closely with all our business partners to contribute to our mission: to develop and deliver innovative vaccines that tackle the toughest problems in public health and improve the lives of people around the world.”
Sue Fekete, MS
Vice President and Head, Regulatory Affairs Vaccines Fellowship Director, Takeda – Purdue GRA Vaccines Fellowship

CURRENT FELLOW
“The Takeda VBU Regulatory Affairs Fellowship program has given me the opportunity to work closely with a team of passionate professionals to gain invaluable exposure within the field of Regulatory Affairs. I’ve developed a strong understanding of the submission process, and have used this knowledge to take ownership of projects across multiple stages of vaccine development and collaborate cross-functionally on submission deliverables.”
Sabrina Khalil, PharmD
2019-2021 Fellow, Global Regulatory Affairs Vaccines
Northeastern University