



Ophthalmology Career Development Opportunities with Genentech



Ophthalmology Research, Development and Diagnostics at Genentech

Since its foundation by the UCSF (University California San Francisco) biochemist Herb Boyer and venture capitalist Bob Swanson in 1976, Genentech has been on the forefront of biological medicines discovery. As the first biotechnology company, Genentech also discovered and developed ranibizumab (Lucentis), the first successful anti-VEGF intravitreal treatment for retinal diseases after Macugen. Since unveiling of the Lucentis results in neovascular age-related macular degeneration (nAMD) pivotal trials ANCHOR and MARINA in 2006, and through the subsequent Lucentis approvals for treatment of patients with retinal vein occlusions (RVO), diabetic macular edema (DME), diabetic retinopathy (DR), myopic choroidal neovascularization (mCNV) and pre-filled syringe delivery, Genentech continues to focus on saving people's eyesight from the leading causes of vision loss through pioneering therapies in development today.

The current efforts include development of the first bispecific antibody treatment for intraocular use, faricimab, which targets both simultaneously and independently Ang2 and VEGF, two molecules that are key in the pathophysiology of several retinal diseases, the novel port-delivery system for ranibizumab extends durability of ranibizumab efficacy in retina and eliminates the need for frequent patient office visits and injections. We are also actively researching novel treatments in dry AMD and geographic atrophy, glaucoma and dry eye. Among additional exciting research and development projects, Genentech is also pursuing gene therapy and other novel intraocular delivery approaches, and development of diagnostic and predictive tools involving A.I.

Today, Genentech Ophthalmology employs full-time hundreds of professionals devoted to ophthalmology research and development, including experienced MD ophthalmologists trained across a range of multiple ophthalmology subspecialties from retina to glaucoma and ocular immunology. Our Ophthalmology Internship, Fellowship and Visiting Professorship programs for undergraduates, MD, PharmD and PhD graduate students and early-career ophthalmology professionals are an integral component of the Genentech's mission in discovery and development of new medicines, delivery platforms and diagnostic tools in Ophthalmology.



Broad range of opportunities to suit your experience

Under- and New Graduates (*PhD, PharmD, MD/PhD, MD/MBA*)

Advance your scientific research capabilities by immersing in and learning about ophthalmology from a world-class clinical development team.

Experienced Post-Docs (*PhD, PharmD, MD, MD/PhD, MD/MBA*)

Build your scientific record and drug development acumen while gaining valuable industry experience in a supportive and cutting-edge biotech setting.

Practicing Ophthalmologists

Expand your scientific knowledge by participating in the design and development of novel therapies, personalized healthcare, and next-generation diagnostics.

Short-term Opportunities (1-6 months)

Clinical Development Summer Internship

For MD/PhD/PharmD students or undergrads on the MD/PhD/PharmD career path

Develop and present a scientific project while learning about future career opportunities

Length: 3 months

Location: South San Francisco (US)

Open Spots: 1-4 annually

Commercial Internship

For MBA or MD / MBA graduates

Work to help get our medicines to patients faster

Length: 6-12 months

Location: South San Francisco (US)

Open Spots: Up to 1 annually

Long-term Opportunities (6+ months)

Clinical Development Fellowship

For PhD or MD/PhD graduates

Gain hands-on experience in clinical drug development in

Early Research – focus on bench-top research

Late Stage – Focus on late development

Length: 1-2 years

Location: Basel (Switzerland), Welwyn (UK),

South San Francisco (US)

Open Spots: 1-4 annually

Clinical Development PharmD Fellowship – affiliated with Rutgers

For PharmD students and graduates

Contribute to clinical and scientific strategy supporting molecule development: design, execute, analyze, and interpret data from clinical development programs.

Length: 2 years

Location: South San Francisco (US)

Open Spots: 1 annually

Clinical Development and Personalized Healthcare Clinical Fellowship

For MD or MD/PhD graduates and early career professionals

Experience clinical drug development while continuing clinical practice

Length: 1-2 years

Location: Basel (Switzerland), Welwyn (UK), South San

Francisco (US)

Open Spots: 1-2 annually

Translational Medicine and Medical Affairs Visiting Professorships (e.g. MD or MD/PhD)

Use your expertise to work on a highly impactful project in translational or clinical drug development and simultaneously learn about company opportunities

Length 3-12 months

Location: Basel (Switzerland)

Open Spots: 1 annually

Please contact Ophthalmology Medical Director, Zdenka Haskova, M.D. Ph.D. at haskovaz@gene.com or program coordinator, Cheryl How at cherydho@gene.com for more information on any of these opportunities.