



Bayer's Commitment in Ophthalmology

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Bayer's commitment to addressing unmet needs in ophthalmology

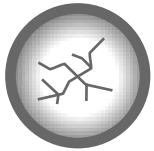


Bayer is helping reduce the number of people impacted globally by visual impairment through innovative products and research

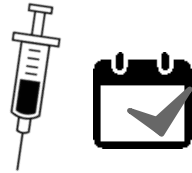
‘Science For A Better Life’ not only means a commitment to researching and developing innovative medicines, but also to preventing vision loss and preserving healthy vision, through awareness and education



There remain unmet needs in ophthalmology



Increase awareness of regular eye screenings



Establish proactive and ongoing treatment



Reduce the treatment burden



Increase therapeutic efficacy



Discover therapies for currently untreated eye diseases

Universal access to diagnostic screening and appropriate treatments

Our long-term commitment to ophthalmology aims to improve the quality of life of patients




1




Anti-VEGF therapy

2




Internal pipeline

3



Fostering research

4



Collaborations

We are improving outcomes for five of the leading causes of vision loss in the working-age and elderly populations



Wet AMD



Phase III (US)



Phase III (ROW)



Phase III (China)

CRVO + BRVO



Phase III (US)



Phase III (ROW)

VIBRANT

BRVO Phase III
(US/Japan)

DME



Phase II (US & ROW)



Phase III (US & ROW)



Phase III
(Asia incl. China,
Russia)

Myopic CNV



Phase III
(Japan / Asia
Pacific)



We continue to expand our pipeline through R&D

Our expansion is focused on discovery, dedicated to establishing a competitive edge and portfolio in exudative (wet) diseases and...

...a broader presence that includes non-exudative (dry) diseases and other promising specialty segments



**ORGANIC GROWTH
+
EARLY
RESEARCH
COLLABORATION**

**WORLD-CLASS
INNOVATIVE
PIPELINE**

Supporting the ophthalmology community to address unmet needs and improve patient outcomes



Vision Academy



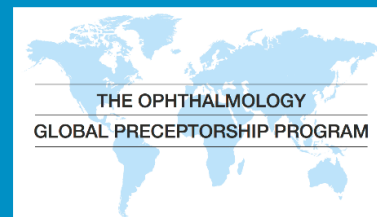
Providing a forum for retina specialists to exchange knowledge and build best practices, addressing new challenges and treatments in ophthalmology

74 specialists in 31 countries

Member from China:

- Prof. Li Xiaoxin, Peking University People's Hospital

Ophthalmology Global Preceptorship Program



Facilitating engagement and learning with ophthalmologists by sharing knowledge and best practices in the in-clinic management of retinal diseases

5 centers in 5 continents

6 attendees from China in 2015:

- Save Sight Institute, Australia
- University of Chicago, USA

Facilitating scientific progress in eye care



Global Ophthalmology Awards Program



The first worldwide program that helps the research community in their quest for breakthroughs that can significantly impact patients' lives through research grants and training in retinal ophthalmology

35 emerging investigators
in **17** countries since 2012

EyeFocus Accelerator



Supporting the world's first eye care focused tech accelerator for startups addressing unmet needs surrounding the detection, prevention and support for people with visual impairment or blindness

Med-tech startups
from **13** countries

Partnering to improve the lives of patients with visual impairment



REGENERON

Jointly developing an innovative next generation therapy for retinal diseases targeting different pathways



JOHNS HOPKINS
UNIVERSITY

Jointly researching and developing drugs for back-of-the-eye diseases including age-related macular degeneration and Stargardt's disease

Inception
Sciences

Collaborating with Inception Sciences and Versant Ventures to develop treatment options, focused on a novel target and pathway for wet AMD and geographic atrophy



第三軍醫大學

Research collaboration on *in vivo* models of dry AMD

The power of global collaborations



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Diabetic Retinopathy (DR) Barometer Project



Respondents from China:

- 71 patients
- 42 clinicians

RAAB (Rapid Assessment of Avoidable Blindness)



RAAB in China:

- 9 provinces
- Supported by NHFPC

Provide support through Corporate Social Responsibilities programs



Bayer employees in China engage in volunteer services and provide help where needed



- Audio book recording for vision impaired children
- Video telling (Cinema at Heart)
- Assisting drama play
- Beijing Marathon
- Athletic meeting of vision impaired person

