



Age-Related Macular Degeneration, Third Edition

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Age-Related Macular Degeneration, Third Edition From CRC Press

The value of **Age-Related Macular Degeneration** has stood the test of time, but progress in both basic and clinical ophthalmology has been relentless, mandating the need for an updated book. This second edition focuses on the pathophysiology and the epidemiology of age-related macular degeneration (AMD), the clinical features and management of dry and wet AMD, imaging techniques, and medical therapy for both non-neovascular AMD and neovascular AMD. It describes both clinically validated and experimental therapies as well as rehabilitation technology, and presents strategies to prevent the progression of non-exudative AMD. Results from current clinical trials are also included.

New chapters in this edition cover:

Genetics and treatment

Oxidative stress and its relation to the pathophysiology of AMD and CNV (choroidal neovascularization—a common symptom of wet AMD)

Polypoidal choroidal vasculopathy

Microperimetry and psychophysical testing and ways to track geographic atrophy progression

Non-VEGF pathways

Retinal stem cells

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Editorial Review

Review

"Professor Lim has brought us up to the moment. We owe her and her collaborators a vote of thanks and a vote of confidence. Hopefully, the march of time, with its inexorable acquisition of new knowledge, will mandate the need for yet another edition. For the time being, however, this Third Edition of **Age-Related Macular Degeneration** does its job commendably and effectively." ***Morton F. Goldberg, M.D., Director Emeritus The Wilmer Eye Institute, Johns Hopkins Hospital, Baltimore, Maryland USA***

About the Author

Jennifer I. Lim, M.D. is a professor of ophthalmology, Department of Ophthalmology; Director of the Retina Service; Marion H. Schenk, Esq. Chair in Ophthalmology for Research of the Aging Eye, at the University of Illinois at Chicago.

Dr Lim has contributed to over 90 courses, and has published over 200 academic papers, contributed to over 20 book chapters and published 4 books in total. She has given over 150 presentations at scientific meetings and has been invited to over 130 lectures/visiting professorships. Dr Lim is a reviewer for a number of academic journals including the American Journal of Ophthalmology, Retina, and the British Journal of Ophthalmology. She is currently a committee member for the Macula Society, American Society of Retinal Specialists, and American Academy of Ophthalmology.

Recent Awards:

- Marion H. Schenk, Esq., Chair in Ophthalmology for Research of the Aging Eye, 2010
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