

POSITIONS AND EMPLOYMENTS BIO SKETCH

NAME : LABBE Antoine

POSITION TITLE : Professor of Ophthalmology (PU-PH)

EDUCATION / TRAINING

INSTITUTION AND LOCATION	DEGREE	Month/Year	FIELD OF STUDY
UPMC University, Paris, France.	MD	1994-2001	Ophthalmology
Paris Descartes University, Paris, France.	PhD	2005-2009	Toxicology
Versailles Saint-Quentin en Yvelines University, Paris, France	HDR	2012	Ophthalmology

2001-2007	- Residency program , Medical School Pitié-Salpêtrière, UPMC University, Paris, France.
2004-2005	- Master in Science . INSERM U 598. Evaluation of preservatives toxicity on animal models.
2007-2011	- Fellowship , Department of Ophthalmology of Professor Christophe Baudouin, Quinze-Vingts National Ophthalmology Hospital, Paris and Ambroise Paré Hospital, AP-HP, Boulogne-Billancourt, France. Medical and surgical practice: anterior segment and glaucoma.
2011-2014	- Assistant Professor of Ophthalmology , Department of Ophthalmology Quinze-Vingts National Ophthalmology Hospital, Paris and Ambroise Paré Hospital, AP-HP, Boulogne-Billancourt, France. Versailles Saint-Quentin en Yvelines University, Versailles, France. Medical and surgical practice: anterior segment and glaucoma. Research activities at the Vision Institute, team 12, Paris, France.
2012-2013	- Associate Professor of Ophthalmology, Beijing Institute of Ophthalmology, Capital Medical University, Beijing, China . Development of clinical research projects in ocular surface diseases and glaucoma.
2014	- Professor of Ophthalmology , Department of Ophthalmology Quinze-Vingts National Ophthalmology Hospital, Paris and Ambroise Paré Hospital, AP-HP, Boulogne-Billancourt, France. Versailles Saint-Quentin en Yvelines University, Versailles, France. Medical and surgical practice: anterior segment and glaucoma. Research activities at the Vision Institute, team 12, Paris, France. Medical Director of the Glaucoma and Ocular Surface Unit of the Center for Clinical Research CIC INSERM 503.

Scientific Interests:

My clinical research is focused on the pathophysiology of different ocular diseases including dry eye, ocular allergy and glaucoma, in particular the toxic side-effects induced by topical treatments. In parallel, I am developing new imaging techniques for the anterior segment of the eye, in particular in vivo confocal microscopy. My fundamental research is focused on the development of new biomarkers for ocular surface diseases in animal and cellular models.

Other Experiences and Professional Memberships:

- **Secretary of redaction of the *Journal Français d’Ophtalmologie*** since 2007.
- **Examiner for the *European Board of Ophthalmology*** since 2010.
- **Reviewer for** *Am J Ophthalmol, PLOS one, Invest Ophthalmol Vis Sci, British Journal of Ophthalmology, Archives of Ophthalmology, Journal of Glaucoma, Cornea, Eye, Clinical and Experimental Ophthalmology, Journal of Ocular Pharmacology and Therapeutics, Expert Review in Ophthalmology, Canadian Journal of Ophthalmology, et le Journal Français d’Ophtalmologie.*
- **Board member of the French Glaucoma Society**
- **Board member of the Paris Society of Ophthalmology**
- **Member of the scientific committee of the “Fondation des Aveugles de Guerre”.**
- **Member of the scientific committee of the Encyclopédie Médico Chirurgicale, Ophthalmology.**
- **Member of** Société Française d’Ophtalmologie (SFO), *Association for Research in Vision and Ophthalmology* (ARVO), American Academy of Ophthalmology (AAO), and *European Association for Vision and Eye Research* (EVER).

Selected Peer-reviewed Publications:

- **Labbé A**, Dupas B, Hamard P, Baudouin C. In vivo confocal microscopy study of blebs after filtering surgery. *Ophthalmology* 2005;112:1979-86.
- **Labbé A**, De Nicola R, Dupas B, Auclin F, Baudouin C. Epithelial Basement Membrane Dystrophy : Evaluation with the HRT II Rostock Cornea Module. *Ophthalmology* 2006;113:1301-8.
- **Labbé A**, Pauly A, Liang H, Brignole-Baudouin F, Martin C, Warnet JM, Baudouin C. Comparison of toxicological profiles of benzalkonium chloride and POLYQUAD®: An experimental study. *J Ocul Pharmacol Ther* 2006;22:267-78.
- **Labbé A**, Niaudet P, Loirat C, Charbit M, Guest G, Baudouin C. In vivo confocal microscopy and anterior segment optical coherence tomography analysis of the cornea in nephropathic cystinosis. *Ophthalmology*. 2009 May;116:870-6.
- Francoz M, Karamoko I, Baudouin C, Labbé A. Ocular surface epithelial thickness evaluation with spectral-domain optical coherence tomography. *Invest Ophthalmol Vis Sci* 2011;52:9116-23.
- **Labbé A**, Terry O, Brasnu E, Van Went C, Baudouin C. Tear Film Osmolarity in Patients Treated for Glaucoma or Ocular Hypertension. *Cornea* 2012;31:994-9.

- **Labbé A**, Alalwani H, Brasnu E, Van Went C, Georgescu D, Baudouin C. Correlation between in vivo confocal microscopy of subbasal corneal nerves and corneal sensation in ocular surface disease. *Invest Ophthalmol Vis Sci* 2012;53:4926-31.
- Labbé A, Liang Q, Wang Z, Zhang Y, Xu L, Baudouin C, Sun X. Corneal nerve structure and function in patients with non-Sjögren dry eye: clinical correlations. *Invest Ophthalmol Vis Sci* 2013;54:5144-50.
- Michée S, Brignole-Baudouin F, Riancho L, Rostene W, Baudouin C, Labbé A. Effects of Benzalkonium chloride on THP-1 differentiated macrophages in vitro. *PlosOne* 2013;8:e72459.
- **Labbé A**, Wang YX, Jie Y, Baudouin C, Jonas JB, Xu L. Dry eye disease, dry eye symptoms and depression: the Beijing Eye Study. *Br J Ophthalmol* 2013;97:1399-403.
- **Labbé A**, Baudouin C, Deschênes G, Loirat C, Charbit M, Guest G, Niaudet P. A new gel formulation of topical cysteamine for the treatment of corneal cystine crystals in cystinosis: The Cystadrops OCT-1 study. *Mol Genet Metabol* 2014, jan 9.

Bio Sketch