

- Abahussin, M., Hayes, S., Knox Cartwright, N.E., Kamma-Lorger, C.S., Khan, Y., Marshall, J., Meek, K.M., 2009. 3D collagen orientation study of the human cornea using X-ray diffraction and femtosecond laser technology. *Invest. Ophthalmol. Vis. Sci.* 50, 5159–5164.
- Aghamohammadzadeh, H., Newton, R.H., Meek, K.M., 2004. X-ray scattering used to map the preferred collagen orientation in the human cornea and limbus. *Structure* 12, 249–256.
- Daxer, A., Misof, K., Grabner, B., Ettl, A., Fratzl, P., 1998. Collagen fibrils in the human corneal stroma: structure and aging. *Invest. Ophthalmol. Vis. Sci.* 39, 644–648.
- Han, M., Giese, G., Bille, J.F., 2005. Second harmonic generation imaging of collagen fibrils in cornea and sclera. *Optic Express* 13, 5791–5797.
- Komai, Y., Ushiki, T., 1991. The three-dimensional organization of collagen fibrils in the human cornea and sclera. *Invest. Ophthalmol. Vis. Sci.* 32, 2244–2258.
- Meek, K.M., Blamires, T., Elliott, G.F., Gyi, T.J., Nave, C., 1987. The organisation of collagen fibrils in the human corneal stroma: a synchrotron X-ray diffraction study. *Curr. Eye Res.* 6, 841–846.
- Morishige, N., Petroll, W.M., Nishida, T., Kenney, M.C., Jester, J.V., 2006. Noninvasive corneal stromal collagen imaging using two-photon-generated second-harmonic signals. *J. Cataract Refract. Surg.* 32, 1784–1791.