Optical Coherence Tomography for the Identification of a Rare Case of Keratoconus in Albino Donor Cornea

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A 61 years old albino donor cornea shows an association of a triple corneal pathologies, keratoconus, oculocutaneous albinism and neovascularisation. Optical coherence tomography (OCT) showed severe signs of keratoconus, corneal vascularisation and the presence of central leukoma. Keratoconus and corneal vascularisation in albino patients is a unique association, howev ...
Neuropeptide Research in the Eye

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The neuropeptide research in the eye is the main topic of our scientific group in Innsbruck. Most of the neuropeptides have been discovered more than 30 years ago and the presence and distribution of some of them has been explored in the eye in the 80’s mainly by Richard Stone. This concerns particularly substance P (SP), calcitonin gene-related peptide (CGRP), vasoac ...

Long-Term Outcome of Approved Pharmacotherapy for Diabetic Macular Edema: A Review of Randomized Controlled Trials in Fluocinolone Acetonide Implants, Dexamethasone Implants, Afibercept and Ranibizumab

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Diabetic macular edema (DME) is a major sight-threatening cause in diabetic patients. The pathophysiology of macular edema involves both the presence of inflammation and angiogenic stimulant regarding vascular endothelial growth factor (VEGF) [1]. Intravitreal injections of anti-VEGF, including ranibizumab [2-8], bevacizumab [9], pegaptanib [10], aflibercept [11] are ...