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Sommario/riassunto	Tissue engineering emerged back in the 1990s as a new concept to overcome the problem of tissue and organ failure. Over recent decades, there has been incredible progress towards the regeneration of tissues such as bone, heart valves, cartilage, cornea, and retina. In terms of ocular tissue engineering, despite the scientific and strategic incentive for reconstructing ocular tissues, there is also a tremendous need for novel therapeutic options in treating numerous eye diseases related to tissue failure. The aim of this Special Issue is to discuss tissue engineering applications of ocular tissues including but not limited to cornea, retina, and lenses.