

INM COLLOQUIUM

“PLASMA RICH IN GROWTH FACTOR IN THE REGENERATION OF OCULAR SURFACE”

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Tuesday, February 05, 2019, 11:00 am

INM, Campus D2 5, Leibniz-Saal
Host: Prof. Dr. Aránzazu del Campo

AIM: To review the hematic derivate, plasma rich in growth factors (PRGF), in the treatment of ocular diseases and advanced therapy (tissue Engineering) of the eye

METHODS: Review the use of different therapeutic formulations of PRGF in ophthalmology

RESULTS: A PRGF formulations involve the use of patient's own biologically active proteins, growth factors, and biomaterial scaffolds for therapeutic purposes. PRGF could be formulated as a collyrium, fibrin clot, as a membrane or scaffold for healing and regeneration of ocular tissue and as a culture media for advanced therapy. Preclinical studies showed special efficacy in avoiding scar formation and promoting regeneration. The clinical effectiveness was demonstrated in severe dry eye specially when neurotrophic keratitis

CONCLUSIONS: PRGF is a safe and efficient alternative for enhance ocular tissue regeneration could be used as a topical conjunctival drug, regenerative membrane, scaffold and culture media for advanced therapies (cell therapy and tissue engineering).

[Biography Dr. Jesús Merayo-Llodes](#)

You are invited to have coffee with the speaker 15 minutes before the talk starts.

KONTAKT

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