



Judith Zavala Arcos PhD

Research Areas:

- Tissue engineering for corneal tissues
- Biomedical research in visual sciences
- Ocular microdevices for drug delivery

Email: judith.zavala@itesm.mx

Dr. Judith Zavala is a clinical chemist graduated at the Universidad Autonoma de Nuevo León, M.Sc. in Biotechnology and PhD in Engineering Sciences with Biotechnology specialty by the Instituto Tecnológico y de Estudios Superiores de Monterrey. She works as full-time Professor and researcher at the School of Medicine at the Tecnológico de Monterrey. She is currently member of the Innovative Therapies and Visual Sciences Group.

She has H index of 3, 78 cites, and two solicited patents. She is member of the Association for Research in Vision and Ophthalmology since 2012. Her research is focused in the regeneration of the corneal endothelium by means of tissue engineering, ophthalmological devices development, cell therapy, biocompatible scaffolds, and natural products with ophthalmological activity.

Dra. Judith Zavala is member of the Mexican System of Researchers, level C. Her projects have been recognized by the Rosenkranz Award 2014, granted by Roche de Mexico; Ophthalmology Biennial Award 2016, granted by the Mexican Ophthalmology Society; and the Biomedical Research Award 2016, granted by the Nuevo Leon Ministry of Health.

Most recent publications:

1. 2016; In Vivo Biocompatibility of Chitosan and Collagen χ vitrigel Membranes for Corneal Scaffolding: A Comparative Analysis, Jorge E., Valdez-García; Guillermo, Mendoza; **Judith, Zavala**; Angel, Zavala-Pompa; Gabriela, Brito; Jorge A., Cortés-Ramírez; Jennifer, Elisseeff, Current Tissue Engineering, Vol.5, Pag.123-129, Revistas Indizadas ,
2. 2016; Correlation of age, corneal curvature and spherical equivalent with central corneal thickness, Jorge E. Valdez-García, Julio C. Hernandez-Camarena, Juan F. Lozano-Ramírez, **Judith Zavala**, Denise Loya-García, Jesús Merayo-Llves, Revista Mexicana de Oftalmología, Vol. , Pag.0-0, Revistas Indizadas ,

3. 2015; ADULT WHITE NEW ZEALAND RABBIT AS SUITABLE MODEL FOR CORNEAL ENDOTHELIAL ENGINEERING. DOI:10.1186/S13104-015-0995-1. ISSN: 17560500, Valdez-García JE, Lozano-Ramírez JF, **Zavala J.**, BMC Research Notes, Vol.8, Pag.28-0, Revistas Indizadas ,

Webpage: https://www.researchgate.net/profile/Judith_Zavala