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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Development of Regenerative Corneal Endothelial Implants Using Gelatin Nanofiber Membranes and iPSC-Derived Endothelial Cells**
Jeon, H., Song, E., Ye, E., Lee, H., Myung, D.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Antifibrotic Nanoparticle for Corneal Regeneration Following Traumatic Injuries**
Jang, K., Kang, N., Kim, H., Jiang, L., Seo, Y., Song, E., Chen, F., Han, U., Liu, W., Myung, D.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Bio-orthogonal crosslinking and hyaluronan facilitate transparent healing after treatment of deep corneal injuries with in situ-forming hydrogels.** *NPJ Regenerative medicine*
Chen, F., Han, U., Wungcharoen, T., Seo, Y. A., Le, P., Jiang, L., Kang, N. W., Song, E., Jang, K., Mundy, D., Fernandes-Cunha, G. M., Heilshorn, S., Myung, et al
2025; 10 (1): 8
- **A cornea-mimetic electrospun fiber-reinforced hydrogel platform for ocular surface applications** *MACROMOLECULAR RESEARCH*
Chen, K., Song, E., Koh, W., Myung, D.
2025
- **Gelatin nanofibers coated with hyaluronic acid as a mesenchymal stromal cell scaffold for corneal regeneration.** *International journal of pharmaceutics*
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2024: 125009
- **Photoactivated growth factor release from bio-orthogonally crosslinked hydrogels for the regeneration of corneal defects.** *Bioactive materials*
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- **In Situ-Forming, Bioorthogonally Cross-linked, Nanocluster-Reinforced Hydrogel for the Regeneration of Corneal Defects.** *ACS nano*
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- **Electrospun Nanofiber Membrane for Cultured Corneal Endothelial Cell Transplantation.** *Bioengineering (Basel, Switzerland)*
Song, E., Chen, K. M., Margolis, M. S., Wungcharoen, T., Koh, W., Myung, D.
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