

Stanford

Kyeongwoo Jang

Postdoctoral Scholar, Ophthalmology

Bio

STANFORD ADVISORS

- David Myung, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Biomechanical Modification of the Sclera: An Ex Vivo Study on Porcine Eyes.** *Investigative ophthalmology & visual science*
Ross, A. K., Jang, K., Nahmou, M., Kim, H., DeBoer, C., Myung, D., Goldberg, J. L., Chiang, B.
2026; 67 (2): 51
- **Design and Development of a Suprachoroidal Spacer Implant and Injector System for Glaucoma Treatment.** *ACS applied bio materials*
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- **A Surgical Approach for Optic Nerve Crush in a Rabbit Model.** *Journal of visualized experiments : JoVE*
Jang, K., M Ross, A. K., Jovel, P., Heng, K., Goldberg, J. L., Chiang, B.
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- **Development of SCONE, a targeted optic nerve head drug delivery system**
Chiang, B., Onyekwere, O., Jang, K., Nahmou, M., Heng, K., Dalal, R., Liao, Y., Myung, D., Goldberg, J. L.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Biomechanical modulation of ex vivo porcine sclera**
Ross, A., Jang, K., Nahmou, M., Myung, D., Goldberg, J. L., Chiang, B.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Repurposing verteporfin and hyaluronic acid gel for ocular surface treatment to prevent corneal scarring**
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- **Bio-orthogonal crosslinking and hyaluronan facilitate transparent healing after treatment of deep corneal injuries with in situ-forming hydrogels.** *NPJ Regenerative medicine*
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- **Development of a novel SupraChoroidal-to-Optic-NervE (SCONE) drug delivery system.** *Drug delivery*

Chiang, B., Heng, K., Jang, K., Dalal, R., Liao, Y. J., Myung, D., Goldberg, J. L.

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- **Photoactivated growth factor release from bio-orthogonally crosslinked hydrogels for the regeneration of corneal defects.** *Bioactive materials*
Kang, N., Seo, Y. A., Jackson, K. J., Jang, K., Song, E., Han, U., Chen, F., Heilshorn, S. C., Myung, D.
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- **Development of a targeted drug delivery approach to the optic nerve head**
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