

Maggie Shin-Young Chen

- MD Student, expected graduation Spring 2028
- MSTP Student

Publications

PUBLICATIONS

- **Independent Evaluation of RETFound Foundation Model's Performance on Optic Nerve Analysis Using Fundus Photography.** *Ophthalmology science*
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- **Genomic predictors of radiation response: recent progress towards personalized radiotherapy for brain metastases.** *Cell death discovery*
Harary, P. M., Rajaram, S., Chen, M. S., Hori, Y. S., Park, D. J., Chang, S. D.
2024; 10 (1): 501
- **Fillable Magnetic Microrobots for Drug Delivery to Cardiac Tissues In Vitro.** *Advanced healthcare materials*
Chen, M. S., Sun, R., Wang, R., Zuo, Y., Zhou, K., Kim, J., Stevens, M. M.
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- **Senescence mechanisms and targets in the heart.** *Cardiovascular research*
Chen, M. S., Lee, R. T., Garbern, J. C.
2022; 118 (5): 1173-1187
- **Emerging Approaches to Functionalizing Cell Membrane-Coated Nanoparticles.** *Biochemistry*
Ai, X., Wang, S., Duan, Y., Zhang, Q., Chen, M. S., Gao, W., Zhang, L.
2021; 60 (13): 941-955
- **Fabrication and characterization of a 3D bioprinted nanoparticle-hydrogel hybrid device for biomimetic detoxification.** *Nanoscale*
Chen, M. S., Zhang, Y., Zhang, L.
2017; 9 (38): 14506-14511
- **A Bioadhesive Nanoparticle-Hydrogel Hybrid System for Localized Antimicrobial Drug Delivery.** *ACS applied materials & interfaces*
Zhang, Y., Zhang, J., Chen, M., Gong, H., Thamphiwatana, S., Eckmann, L., Gao, W., Zhang, L.
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