

## PIDG - Cancer Research Outputs

1. Zhang, M., Qin, X., Xu, W., Wang, Y., Song, Y., Garg, S., and Luan, Y. (2021) Engineering of a dual-modal phototherapeutic nanoplatform for single NIR laser-triggered tumor therapy, *J Colloid Interface Sci* 594, 493-501.
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3. Narayan, R., Gadag, S., Cheruku, S. P., Raichur, A. M., Day, C. M., Garg, S., Manandhar, S., Pai, K. S. R., Suresh, A., Mehta, C. H., Nayak, Y., Kumar, N., and Nayak, U. Y. (2021) Chitosan-glucuronic acid conjugate coated mesoporous silica nanoparticles: A smart pH-responsive and receptor-targeted system for colorectal cancer therapy, *Carbohydr Polym* 261, 117893.
4. Li, R., Song, Y., Fouladian, P., Arafat, M., Chung, R., Kohlhagen, J., and Garg, S. (2021) Three-Dimensional Printing of Curcumin-Loaded Biodegradable and Flexible Scaffold for Intracranial Therapy of Glioblastoma Multiforme, *Pharmaceutics* 13.
5. Fouladian, P., Jin, Q., Mohammad, A., Song, Y., Guo, X., Blencowe, A., Garg, S. (2021) Drug-Loaded, Polyurethane Coated Nitinol Stents for the Controlled Release of Docetaxel for the Treatment of Oesophageal Cancer, *pharmaceutics* 14.
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8. Arafat, M., Fouladian, P., Wignall, A., Song, Y., Parikh, A., Albrecht, H., Prestidge, C. A., Garg, S., and Blencowe, A. (2021) Development and in vitro evaluation of 5-Fluoro-Uracil-Eluting stents for the treatment of colorectal cancer and cancer-related obstruction, *Pharmaceutics* 13, 1-22.
9. Gadag, S., Sinha, S., Nayak, Y., Garg, S., and Nayak, U. Y. (2020) Combination therapy and nanoparticulate systems: smart approaches for the effective treatment of breast cancer, *Pharmaceutics* 12, 524.
10. Fouladian, P., Afinjuomo, F., Arafat, M., Bergamin, A., Song, Y., Blencowe, A., and Garg, S. (2020) Influence of Polymer Composition on the Controlled Release of Docetaxel: A Comparison of Non-Degradable Polymer Films for Oesophageal Drug-Eluting Stents, *Pharmaceutics* 12, 444.

11. Fouladian, F., Jarrod, K., Arafat, M., Afinjuomo, F., Henry, W. N., Abuhelwa, A., Song, Y., Garg, S., and Blencowe, A. (2020) Three-dimensional Printed 5-Fluorouracil Eluting Polyurethane Stents for the Treatment of Oesophageal Cancers, *Biomaterials Science* 8, 6625-6636.
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