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Publications

PUBLICATIONS

- **Improved conditioning for hematopoietic chimerism induces islet tolerance to cure diabetes.** *JCI insight*
Ramos, S. A., Bhagchandani, P., Burgos, D. M., Gu, X., Rodriguez, R., Nourin, N., Neukam, M., Pathak, S., Shizuru, J., Kim, S. K.
2026
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2026
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2025
- **PEGylation-based surface engineering of islets with microparticles co-delivery for enhanced engraftment in streptozocin-induced hyperglycemic murine model** *CHEMICAL ENGINEERING JOURNAL*
Shrestha, P., Pathak, S., Chaudhary, D., Regmi, S., Shrestha, M., Raut, P., Kim, J., Orive, G., Kim, H., Lee, N., Kweon, S., Park, J., Choi, et al
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- **Catechol-modified stabilizer facilitates impulsive ligand functionalization of particulates and membrane modification of cells** *JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY*
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- **CD39 delineates chimeric antigen receptor regulatory T cell subsets with distinct cytotoxic & regulatory functions against human islets** *FRONTIERS IN IMMUNOLOGY*
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- **Curcumin-laden ECM-mimicking microfibers assemble with mesenchymal stem cells to generate heterospheroids and enhance cell viability and function** *JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY*
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 - **Immunoisolation of pancreatic islets via thin-layer surface modification**
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 - **Mesenchymal Stem Cell Capping on ECM-Anchored Caspase Inhibitor-Loaded PLGA Microspheres for Intraperitoneal Injection in DSS-Induced Murine Colitis** *SMALL*
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