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سوابق کاری:

دانشیار، دانشکده فناوری های نوین پزشکی، گروه بیوتکنولوژی پزشکی
هم اکنون - ۱۳۹۵

مدیر اجرایی، مرکز رشد طب بازساختی و سلول های بنیادی
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سوابق تحصیلی:

دکترای تخصصی: بیوتکنولوژی دارویی، دانشگاه علوم پزشکی شهید بهشتی
کارشناسی ارشد: بیوتکنولوژی پزشکی، دانشگاه علوم پزشکی تبریز
کارشناسی: علوم آزمایشگاهی، دانشگاه علوم پزشکی ایران

مقالات

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- **The effect of enhancers on the lentiviral transduction efficiency in the human RPE cells: Insights for advancing retinal gene therapies - *Biochemistry and Biophysics Reports* – 2025.**
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 - **The significance of chemical transfection/transduction enhancers in promoting the viral vectors-assisted gene delivery approaches: A focus on potentials for inherited retinal diseases - *Electronic Journal of Biotechnology* – 2024**
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S Abedin, J Ranjbari, A Haeri, H Vahidi, H Moghimilranian

- **Virtual screening and experimental analysis of caspase-7 inhibitors as candidates for extending the lifespan of CHO cells** - *Electronic Journal of Biotechnology* - 2024
S Kafi, S Najafi, K Mahnam, S Farivar, J Ranjbari
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S Najafi, A Alibakhshi, K Mahnam, J Ranjbari
- **Mesenchymal stem cell therapy using Pal-KTTKS-enriched carboxylated cellulose improves burn wound in rat model** - *Archives of Dermatological Research* – 2024
M Rasouli, L Shahghasempour, Z Shirbaghaee, S Hosseinzadeh, ...
- **Synergistic effect of cobalt ferrite-graphene oxide based hyperthermia and capsaicin to induce apoptosis and inhibit telomerase activity in breast cancer cells** - *Advances in Natural Sciences: Nanoscience and Nanotechnology* - 2024
- **7SK small nuclear RNA (Rn7SK) induces apoptosis through intrinsic and extrinsic pathways in human embryonic kidney cell line** - *Molecular Biology Reports* - 2024
M Abasi, J Ranjbari, H Ghanbarian
- **Bacterial cellulose as potential dressing and scaffold material: toward improving the antibacterial and cell adhesion properties** - *Journal of Polymers and the Environment* - 2023
M Rasouli, M Soleimani, S Hosseinzadeh, J Ranjbari
- **Overexpression of SIRT6 alleviates apoptosis and enhances cell viability and monoclonal antibody expression in CHO-K1 cells** - *Molecular Biology Reports* - 2023
N Hashemi, SH Tabatabaee, F Shams, A Rahimpour, B Kazemi, ...
- **Do carboxymethyl cellulose and pal-KTTKS make bacterial cellulose a superior wound dressing or skin scaffold?** - *Polymer-Plastics Technology and Materials* - 2023
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- **Osteogenic differentiation of pulp stem cells from human permanent teeth on an oxygen-releasing electrospun scaffold.** - *Polymer Bulletin* - 2022
R Samanipour, S Farzaneh, J Ranjbari, S Hashemi, A Khojasteh
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Mehdi Rasouli, Fatemeh Vakilian, **Javad Ranjbari***(corresponding author)

- **Acetate kinase A antisense delivery by PAMAM dendrimer for decrease acetate production and increase the production of recombinant Albumin in E. coli – Iranian Journal of biotechnology - 2021**
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- **Repairing rat calvarial defects by adipose mesenchymal stem cells and novel freeze-dried three-dimensional nanofibrous scaffolds – BioImpacts - 2021**
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A Golchin, S Farzaneh, B Porjabbar, F Sadegian, M Estaji, P Ranjbarvan, Mohammad Kanafimahbob, **Javad Ranjbari**, Nasim Salehi-Nik, Simzar Hosseinzadeh
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F Tabatabaei, S Hosseinzadeh, H Abbaszadeh, M Khoramgah, H Ghanbarian, **Javad Ranjbari***, Bahram Kazemi
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Pourhassan M, Zarghami N, Rahmati M, Alibakhshi A and Javad Ranjbari

کتاب ها

- **Scaffolds for Tissue Engineering: Biological design, Materials, and Fabrication** (Translation, in Persian)
- **Application of Recombinant DNA Technology in DNA Vaccine Synthesis** (Compilation, in Persian)
- **Application of Bacteriophages in Biological Sciences** (Compilation, in Persian)

مهارت ها

<i>Lipid and polymeric drug delivery systems design and characterization</i>	<i>DNA, RNA extraction</i>	<i>Animal experiments</i>
<i>Stem cell culture and characterization</i>	<i>Primer design</i>	<i>Histological staining</i>
<i>Stem cell isolation and differentiation</i>	<i>Real time PCR</i>	<i>Protein Docking</i>
<i>Scaffold synthesis and characterization</i>	<i>Protein purification techniques</i>	<i>Bioinformatics databases & software</i>
<i>Recombinant protein production</i>	<i>SDS-PAGE electrophoresis</i>	<i>SPSS</i>
<i>Peptide design, characterization and formulation</i>	<i>Western blotting</i>	<i>Minitab</i>
<i>Gene cloning</i>	<i>Immunohistochemistry</i>	<i>Response surface design</i>
<i>Fermentation (Bacterial and yeast)</i>	<i>Immunocytochemistry</i>	<i>Box Behnken, Taguchi, Plackett Burman design</i>
<i>Design of expert</i>	<i>ELISA</i>	<i>Excel, Power point, Word</i>
<i>Process optimization</i>	<i>MTT assay/Alamar blue assay</i>	

