

Tissue Engineering and Cancer Research Laboratory

Review Papers

- Abinaya Shanmugavadivu, Sundaravadhanan Lekhavadhani, Sushma Babu, Nivetha Suresh, **Nagarajan Selvamurugan** (2024) Magnesium-incorporated biocomposite scaffolds: A novel frontier in bone tissue engineering *Journal of Magnesium and Alloys* 12: 2231-2248; **Impact Factor: 15.8**
- Venkatasubramanian Sai Krishna, Velan Subashini, Adithya Hariharan, Deekshaa Chidambaram, Adityaa Raaju, Nikthesh Gopichandran, Muthuvaira Prasath Nanthanalaxmi, Sundaravadhanan Lekhavadhani, Abinaya Shanmugavadivu, **Nagarajan Selvamurugan** (2024) Role of crosslinkers in advancing chitosan-based biocomposite scaffolds for bone tissue engineering: A comprehensive review *International Journal of Biological Biochemistry* Nov 14; 283:137625. doi: 10.1016/j.ijbiomac.2024. **Impact Factor: 7.7**
- Shanmugavadivu, A., Lekhavadhani, S., Miranda, P. J., & **Selvamurugan, N.** (2024). Current approaches in tissue engineering-based nanotherapeutics for osteosarcoma treatment. *Biomedical Materials*. **Impact factor: 4.0**
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 - Arya, P. N., Saranya, I., & **Selvamurugan, N.** (2024). RUNX2 regulation in osteoblast differentiation: a possible therapeutic function of the lncRNA and miRNA-mediated network. *Differentiation*, 100803. **Impact Factor: 2.2.**
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- Saranya, I., Dharshini, V. S., Akshaya, R. L., Subhashini, P. S., & **Selvamurugan, N.** (2024). Regulatory and therapeutic implications of competing endogenous RNA network in breast cancer progression and metastasis: A review. *International Journal of Biological Macromolecules*, 131075. **Impact factor: 7.7**
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