

Recent Publications:

1. Bhatti FU, **Mehmood A**, Latief N, Zahra S, Cho HS, Khan SN, **Riazuddin S**. Vitamin E protects rat mesenchymal stem cells against hydrogen peroxide-induced oxidative stress in vitro and improves their therapeutic potential in surgically-induced rat model of osteoarthritis. 2016, Osteoarthritis and cartilage. 2016 Sep 30. pii: S1063-4584(16)30294-1. doi: 10.1016/j.joca.2016.09.014. (IF:4.7)
2. Ali M, **Mehmood A**, Anjum MS, Tarrar MN, Khan SN, Riazuddin S. Diazoxide preconditioning of endothelial progenitor cells from streptozotocin-induced type 1 diabetic rats improves their ability to repair diabetic cardiomyopathy. Molecular and Cellular Biochemistry, Dec. 2015. DOI: 10.1007/s11010-015-2560-6 (impact facto: 2.39)
3. **Mehmood A**, Ali M, Khan SN, Riazuddin S. Diazoxide preconditioning of endothelial progenitor cells improves their ability to repair the infarcted myocardium. Cell Biology International. Nov. 2015, ISSN 1065-6995 doi: 10.1002/cbin.10498. (impact factor: 1.93)
4. Mahmood R, Choudhery MS, **Mehmood A**, Khan SN, Riazuddin S. In Vitro Differentiation Potential of Human Placenta Derived Cells into Skin Cells. Stem Cells International, 2015, Article ID 841062, 11 pages, <http://dx.doi.org/10.1155/2015/841062> (3.87)

GRANTS:

- Exploitation of stem cells for the repair of damaged skin (PI; NRPU- 3.6 Million, approved)
- CoPI in an HEC IPFP grant (0.5Million, Approved)