

## List of Publications

1. **Kadam A**, Jubin T, Mir H, Begum R. (2017) Potential role of Apoptosis Inducing Factor in evolutionarily significant eukaryote, *Dictyostelium discoideum* survival. *BBA Acta Gen Subj.* 1861 (1 Pt A):2942-2955.
2. **Kadam A**, Mehta D, Jubin T, Mansuri MS, Begum R. (2020) Apoptosis Inducing Factor: Cellular protective function in *Dictyostelium discoideum*. *BBA Bioenergetics*. <https://doi.org/10.1016/j.bbabbio.2020.148158>. (In Press).
3. Jubin T, **Kadam A**, Begum R. (2019) Poly (ADP-ribose) polymerase (PARP-1) regulates developmental morphogenesis and chemotaxis in *Dictyostelium discoideum*. *Biol. Cell* 111:187-197.
4. Jubin T, **Kadam A**, Saran S, Begum R. (2019) Crucial role of Poly (ADP-ribose) polymerase (PARP-1) in cellular proliferation of *Dictyostelium discoideum*. *J Cell Physiol.* 234:7539-7547.
5. Jubin T, **Kadam A**, Gani AR, Singh M, Dwivedi M, Begum R. (2016) Poly ADP-ribose polymerase-1: Beyond transcription and towards differentiation. *Semin. Cell Dev. Biol.* 63:167-179.
6. Jubin T, **Kadam A**, Jariwala M, Bhatt S, Sutariya S, Gani AR, Satyendra G, Begum R. (2016) The PARP family: insights into the functional aspects of Poly (ADP-ribose) polymerase-1 in cellular growth and survival. *Cell Prolif.* 49:421-437.
7. Jubin T, **Kadam A**, Saran S, Begum R. (2016) Poly (ADP-ribose) polymerase 1 regulates growth and multicellularity in *D. discoideum*. *Differentiation* 92:10-23.
8. Mir H, Alex T, Rajawat J, **Kadam A**, Begum R. (2015) Response of *Dictyostelium discoideum* to UV -C and involvement of poly (ADP-ribose) polymerase. *Cell prolif.* 48:363-374.
9. Rajawat J, Alex T, Mir H, **Kadam A**, Begum R. (2014) Proteases involved during oxidative stress induced poly (ADP-ribose) polymerase mediated cell death in *D. discoideum*. *Microbiol.* 160:1101-1111.
10. Shah E, **Kadam A**, Jubin T, Begum R, Upadhyay P, Soni HP. (2019) EDTA capped iron oxide core-corona system as vehicle for gene

delivery to transfect *E.coli*: mimicking the lipid bilayer environment.  
*ChemistrySelect* 4: 7883-7890.