Brief CV (restricted to 1 page) with relevant experience/publication in the field of study

Prof. Sanjeev Puri, Biotechnology Branch, University Institue of Engineering & Technology & Coordinator, Stem Cell & Tissue Engineering, Panjab University, Chandigarh.

Dr. Sanjeev Puri is M.Sc. (Hons. School) in Biochemistry, Panjab University and Ph.D in Biochemistry PGIMER, Chandigarh. Dr. Puri has postdoctoral training at Kansas Medical Centre, Kansas City Kansas (KCK) USA and Visiting Scientists (as a part of Active research collaboration) at kidney Institute, KCK, USA. The thrust area of his research falls in Medical Biotechnology. He is actively involved in understanding the patho-physiology associated with Polycystic Kidney Disease along with understanding the molecular markers involved in stem cell niche. Dr. Puri has about 16 years of experience and is actively engaged teaching & training the undergraduate and postgraduate students along with outreach activities for popularizing the science. Founding coordinator stem cell biology at Panjab University Chandigarh and member stem cell core committee PGIMER, Chandigarh. Member DBTcancer task force, Convener institutional ethics Panjab University, JUIT Waknaghat. Dr. Puri has more than 50 peer reviewed research publications in national /International Journals, five book chapters; He is on the editorial board/reviewer's panel of reputed journals. Two consecutive years MVP at Kansas Univ medical centre, USA. Dr. Puri has been awarded fellowship and selected as one of the 14 research scientist in the world for stem cell and regenerative training in Woods Hole Massachusetts, USA Dr. Puri has presented his work in many national /international conferences and won three research awards on the development of metanephric model system. Dr. Puri has also organized about 6 national and 4 international conferences/symposias.

Research Experience 16 years:

Ph.D. Guided: (completed=6) current students 11

M.Sc. guided= 55

Major research Projects
Completed

- **National** - Three, funded one by UGC (4.5 lakhs) and 1+1 by DBT (Rs 45 lakhs + 7crore infrastructural grant for stem cell facility at PGIMER)
- **International** - One, funded by People Soft Biomedical Research Grant, KC, USA (US $ 45000.00).

Ongoing

- **National** - One, funded by DBT (43lakhs)

Few of the Outstanding Publications:

1. Gandhi M, Aggarwal M, **Puri S**, Singla SK (2013) Prophylactic effect of coconut water (Cocos nucifera L.) on ethylene glycol induced nephrocalcinosis in male wistar rat. ***Int Braz J Urol.*** 39(1):108-17
2. Mahajan N, Kaur T, Puri V, Singla SK, Jha V, Puri S.(2012) Calcium ameliorates renal cyst growth in metanephric organ culture: a morphological study. J Environ Pathol Toxicol Oncol. 2012;31(3):285-93.
3. Gandhi S., Puri V. and **Puri S.** (2012) Gankyrin: A potential target for drug therapyagainst hepatocellular carcinoma. ***J. Biomedical Science and Engineering.,*** *5, 469-475.*
4. Parnell SC., **Puri S**., Wallace DP. and Calvet JP (2012) Protein phosphatase-1{lower case alpha} interacts with and dephosphorylates polycystin-1. ***PLoS ONE,*** *(7(6), e36798 ID* [10-PONE-RA-17888R1].
5. Mahajan N., Kaur T., Puri V., Singla SK., Jha V., and **Puri S.**(2012) Evaluation of Dysmorphogenesis in Embryonic Kidney Induced by Calcium Channel Blockers. ***Am. J. Biomed. Sci.*** 4(2), 132-142.doi: 10.5099/aj120200136
6. Chhabra S., Ranjan M., Bhandari R., Kaur T., Aggrawal M., Mahajan N., Puri V., Kaur IP., **Puri S.** and Sobti RC. (2011) Solid Lipid Nanoparticles Regulate Functional Assortment of Mouse Mesenchymal Stem Cells. ***J. Stem Cell & Regen. Med.*** 7 (2), 75-79.
7. Islam MR., Jimenez T., Pelham C., Rodova M., Puri S., Magenheimer BS., Maser RL., Widmann C., and Calvet JP. (2010) MEKK1 Mediates Transcriptional Repression of PKD1 by Interacting with Promoter-Bound p53 Tumor Suppressor Protein **J. Biol. Chem.** 285(50):38818-31.
8. Gupta A., Puri V., Sharma R., and Puri S. (2010) Folic acid induces acute renal failure (ARF) by enhancing renal prooxidant state. **Expt.Toxicol. Path. (ahead of print).**
9. Islam MR., Puri S., Rodova M., Magenheimer BS., Maser RL and Calvet JP (2008) Activation of the Polycystic Kidney Disease-1(PKD) Promoter by Retinoic Acid: Involvement of Sp1. ***Am. Jl Physiol (Renal)*** 295(6):F1845-54**.**
10. Puri, S., Rodova, M., Islam, MR, Magenheimer, BS, Maser, RL, and Calvet, JP (2006) Ets factors regulate the Polycystic kidney disease-1 promoter. ***Biochem. Biophys. Res. Commun (BBRC).,*** 342(4), 1005-13.
11. Van Bodegom D., Saifudeen Z., Dipp S., Puri S., Magenheimer BS., Calvet JP., and El-Dahr SS (2006) The polycystic kidney disease-1 gene is a target for p53-mediated transcriptional repression. ***J Biol Chem***. 2006, 281(42), 31234-44.
12. Puri, S. B. Magenheimer, C.Zien, etal (2004) Polycystin-1activates Calcineurin/NFAT signaling pathway ***J. Biol. Chem*** (Section: Molecular Basis of Cell and Developmental Biology 279 (53) 55455-64.