

Curriculum Vitae

Personal Details

Name	Dr Sanjeev Puri
Contact details	Professor, Department of Biotechnology, UIET, Panjab University, Chandigarh-160014
Date of Birth	10/06/1965
Academic Qualification	M.Sc./Ph.D. Postdoctoral fellow; Kansas University Medical Centre Kansas City Kansas, US
Fellow	Indian Society of Nephrology: December, 2015 Punjab Science Academy: February, 2018
H-index	31
Domain Expertise	Cell & Molecular Biologist
Current position	Director, UIET, PU, Chandigarh
Other Positions	Former Hony Director, CIIPP, PU Chandigarh Former founding Coordinator ,Technology Enabling Centre, Panjab University, Chandigarh Former Coordinator, Biotechnology, UIET, PU Chandigarh Former Coordinator, UIAMS Former Founding Coordinator, Centre for Stem Cell & Tissue Engineering, Panjab University, Chandigarh

• Memberships of Academic Societies

1. Indian Society of Nephrology Permanent No. LM 917
2. Environmental Mutagenesis Society of India LM 465
3. International Society of Flowcytometry, 2011 onward
4. American Society for Nephrology, Annual member 2003.
5. Society for Biological Chemists, India.
6. American Society for Cell biology, 1998-99.
7. British Toxicology Society, 1995-96.

• Administrative and Academic evaluations

- Member National Task forces : 06
- National Evaluation Committees : 10

• Publications:

- Journal Publications More than 100
- Book Chapters: 15

Edited Books: 05:

1. R C Sobti, Sandeep K. Malhotra, Kamal Jaiswal and Sanjeev Puri (2023) Environmental Studies and Climate Change (Translating Animal Science Research) 1st Edition, Kindle Edition, CRC Press, Taylor & Francis Group, Boca Raton, US/ London. ISBN: 9781032115535 (hbk), ISBN:9781032116327 (pbk) , ISBN: 9781003220824 (ebk), DOI: 10.1201/9781003220824.
2. Chander Prakash, Sunpreet Sing, Rupinder Singh, Seeram Ramakrishna, B.S. Pabla, Sanjeev Puri, and M.S. Udin (2019) Biomanufacturing, Springer International Publishing, eISBN 978-3-030-13591-3m hardcover 978-3-030-13950-6, DOI 10.1007/978-3-030-13951-3.
3. R.C. Sobti, S. Puri, VL Sharma & AJS Bhawar (2017) Human Genomics & Applications Narendrahing House, New Delhi India. ISBN :978-93-86110-55-8.
4. Ranbir Chander Sobti, Prince Sharma and Sanjeev Puri (2016) Microbial enzymes and Processes for Healthcare, Environment and Industry Jaya Publishing House, New Delhi. pp. 333-338. (ISBN: 978-93-84337-58-2).
5. Bhupinder Singh, Sanjeev Puri and Swaranjit Singh Cameotra (2015) NanoBioMedicine Vol. 5 Medical NanoBiotechnology, Stadium Press LLC, Houston. ISBN: 1-62699-055-7.

- **Presentations National/International Conferences:** 15

- **List of projects undertaken since 01-01-2019**

Short title of the project	Primary objective (in brief)	Type of study (e.g. RCT/Prevalence / Lab-based)	Funding agency
Understanding the Reno-Neural axis in Acute kidney Injury.	To understand Pain pathways in kidney disease	Lab -Based	Department of Sci. & Tech. and Renewable Energy ,UT Chd
DBT- BUILDER-Grant Panjab Univ.	Infrastructure Grant	Lab-Based	Department of Biotechnology, New Delhi
Technology Enabling Centre Coordiantor: Prof Sanjeev Puri Cooridnator: Prof Manu Sharma	To enable industry academia collaborate	Lab industry based	Department of Science & Technology, (DST) New Delhi)
Study of the effect of Amla Extract on high glucose induced apoptosis on in vitro model of diabetic nephritis by using cultured rat kidney proximal tubular epithelia cells (NRK 52 E) Investigator : Dr. Seemha Rai; Co-investigator: Dr. Sanjeev Puri	To delineate mechanism of reversing Diabetic nephritis. understand molecular pathway for	Lab-based	Department of Science & Technology, Chandigarh
Biochemical assessment of efficacy of L-asparaginase, a chemotherapeutic agent for oryza cultivars Investigator : Dr. Annupriya Minhas; Co-investigator: Dr. Sanjeev Puri	To delineate mechanism of action of anticancer protein	Lab-based	Department of Science & Technology, Chandigarh

- **List of patents since 01-01-2017** - 2(granted)

Title of Patent	Date of filing	Name of the institute (collaborative)	Whether patent is commercialized or not, If yes, Give the details
Process for encapsulating macromolecules in solid lipid nanoparticles. Inventors: Gaurav Kumar, Sanjeev Puri, Kanwaljit Chopra Praveen Rishi and Indupal Kaur. Indian	Patent Application No.: 201611003140, Application date: 28/01/2016, Publication date: 19/01/2018, Publication number: March 2018.	Panjab University, Chandigarh	Not commercialized

Process for Preparation of acclimatized Strain of Acinetobacter Baumannii, For Degradation of polyaromatic Hydrocarbons Applied (Evaluated) Inventors: Bulbul Gupta, Sanjeev Puri and Jaspreet Kaur.	Patent No: 201911033872, date: 22.08.2019, date: 26/02/2021 Publication Number: September 2021.	Application Application Publication Publication		Not commercialized
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A) Gene Bank Accession numbers for the Strain Sequence deposited to NCBI

BJ5: KT971137 ; BT: KT962960 ; NFL: KY094644

• **PhD & M.Sc thesis supervised/Co-supervised:**

<u>Degree</u>	<u>Completed</u>	<u>Pursuing</u>
<u>Ph.D.</u>	<u>23</u>	<u>03</u>
<u>Masters</u>		
<u>M.Sc.</u>	<u>94</u>	<u>02</u>
<u>M.E.</u>	<u>06</u>	<u>02</u>
<u>International Masters</u>	<u>01</u>	

- **Science Popularization/extension activities** : Twenty different activities varying from popular lecture, hands on workshops to quiz contests
- **Other than Academics**
 - Coached Soccer to kids ages 6-7 years for consecutively two sessions (summer and fall) from Wyandotte County at Kansas City, Kansas, Organized by Wyandotte County Park and recreation. Our team won the championship Two times.