

BIODATA

NAME	Dhandeep Singh
DESIGNATION	Associate Professor
DEPARTMENT	Department of Pharmaceutical Sciences & Drug Research
Address For Correspondence	Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala, Punjab 147002
Mobile No.	+91-9815245189
Email I d	dhandeepsingh@pbi.ac.in ; ddd300@gmail.com
Area of Specialization	Synthetic pharmaceutical chemistry, Mast cell stabilizers, Steroid sulfatase inhibitors, Alzheimer's Disease
Academic Qualification	PhD (Pharmaceutical Chemistry)
Membership of Professional Organizations	Life members: APTI (PU/LM-210); IPA (PUN/LM/0173); IPGA (LM 4320); Environment Society of Punjabi University
Experience	18 Years of Teaching and research
Published work	Research and Review Articles: 30 Conference Abstracts: 35
M. Pharm Guided	30

List of Selected Publications

- 1: Singh J, Shah R, Singh D, Jaggi AS, Singh N. Design, synthesis, and biological evaluation of 2-substituted-2,3,4,9-tetrahydrospiro- β -carboline-3-carboxylic acid derivatives as first-in-class mast cell stabilizers. Arch Pharm (Weinheim). 2018 May;351(5):e1800019. doi: 10.1002/ardp.201800019.
- 2: Singh D, Silakari O. Facile alkylation of 4-nitrobenzotriazole and its platelet aggregation inhibitory activity. Bioorg Med Chem. 2017 Oct 15;25(20):5260-5267. doi: 10.1016/j.bmc.2017.07.045.
- 3: Singh D, Silakari O. Sodium hydrogen exchanger inhibitory activity of benzotriazole derivatives. Eur J Med Chem. 2017 Jan 27;126:183-189. doi:10.1016/j.ejmech.2016.10.005.
- 4: Singh J, Shah R, Singh D. Targeting mast cells: Uncovering prolific therapeutic role in myriad diseases. Int Immunopharmacol. 2016 Nov;40:362-384. doi: 10.1016/j.intimp.2016.09.019.

5: Singh J, Shah R, Singh D. Inundation of asthma target research: Untangling asthma riddles. *Pulm Pharmacol Ther.* 2016 Dec;41:60-85. doi:10.1016/j.pupt.2016.09.010.

6: Shah R, Singh J, Singh D, Jaggi AS, Singh N. Sulfatase inhibitors for recidivist breast cancer treatment: A chemical review. *Eur J Med Chem.* 2016 May 23;114:170-90. doi:10.1016/j.ejmech.2016.02.054.

Minor Research Project: UGC Minor Research Project (2Lakh) Synthesis and evaluation of novel mast cell stabilizers as potential therapeutics for Asthma