

DR. JAGADISH SINGH

ASST. PROFESSOR, PHARMACEUTICAL CHEMISTRY

Email: jagadishpharm09@gmail.com



ACADEMIC PROFILE:

Course	Board/ University	Class	Year of Passing
Ph.D.	Jadavpur University	-----	2012
M.Pharm.	Jadavpur University	1 st Class	2007
B.Pharm.	Jadavpur University,	1 st Class	2005

RESEARCH AREA (INTEREST):

- ❖ Synthetic Medicinal Chemistry and Phytochemistry.
- ❖ Evaluation of Anticancer, Antidiabetic, Antimicrobial activities.

PROFESSIONAL PROFILE:

Date of Joining: 21st December 2011.

Past Employment: 12th August 2011-20th December 2011: Worked as Asst. Prof (Adhoc) in SLT Institute of Pharmaceutical Sciences Guru Ghasidas University, Bilaspur, C.G.

RESEARCH EXPERIENCES: 05 YRS

LIST OF PUBLICATIONS:

INTERNATIONAL (09)

1. **J Singh**, A. K. Balaraman, R Rajapandi, A Mondal, B C Maiti & T K Maity, Synthesis, Anticancer activity of some 1, 3, 4-oxadiazole derivatives against Ehrlich Ascites Carcinoma bearing mice model, *Pharmacologyonline* 1: 406-416 (2010).
2. T Ghosh, T K Maity & **J Singh**, Evaluation of antitumor activity of stigmasterol, a constituent isolated from *Bacopa monnieri* Linn aerial parts against Ehrlich Ascites Carcinoma in mice, *Orient Pharm Exp Med* 11: 41-49 (2011) DOI 10.1007/s13596-011-0001-y.
3. T Ghosh, T K Maity & **J Singh**, Antihyperglycemic Activity of Bacosine, a Triterpene from *Bacopa monnieri*, in Alloxan-Induced Diabetic Rats, *Planta Med* 77: 804-808 (2011).
4. S Dash, A K Balaraman, **J Singh**, M Kundu, B C Maiti & T K Maity, Synthesis of some 3, 5-disubstituted 1, 3, 4 -Oxadiazole Derivatives and Anticancer Activity on EAC animal model, *Medicinal Chemistry Research*.(2010) DOI 10.1007/s00044-010-9455-6.
5. A K Balaraman, **J Singh**, S Dash, T K Maity, Antihyperglycemic and hypolipidemic effects of *Melothria maderaspatana* and *Coccinia indica* in Streptozotocin induced diabetes in rats, *Saudi Pharmaceutical Journal* 18: 173-178 (2010).
6. P Sengupta, M Mal, **J Singh**, S Mandal & T K Maity, Evaluation of Antibacterial and Antifungal activity of some 1, 3, 4-Oxadiazoles, *Iranian Journal of Pharmacology and Therapeutics*, 7:165-167(2008).
7. R K Harwansh, K C Patra, S K Pareta, **J Singh**, M A Rahman, Nanoemulsions as vehicles for transdermal delivery of glycyrrhizin, *Brazilian Journal of Pharmaceutical Sciences* 47:769-778 (2011).
8. A Mondal, T K Maity, D Pal, S Sannigrahi, **J Singh**, Isolation and in vivo hepatoprotective activity of *Melothria heterophylla* (Lour.) Cogn. against chemically induced liver injuries in rats, *Asian Pacific Journal of Tropical Medicine* 619-623 (2011).
9. J Singh, T Singha, A Naskar, M Kundu, R K Harwansh, A Mondal, T Ghosh and T K Maity, Synthesis and anti-proliferative activity of some isoindoline-1, 3-dione derivatives against Ehrlich's Ascites Carcinoma bearing mice model, *Pharmacologyonline* 2: 976-987 (2011).

NATIONAL (07)

1. **J Singh**, R Rajapandi and T K Maity, Evaluation of anticancer activity of some 1, 3, 4-oxadiazole derivatives against Ehrlich Ascites Carcinoma bearing mice, *Asian Journal of Chemistry* 22(5): 4099-4103(2010).
2. A K Balaraman, **J Singh**, S Dash, A Naskar and, Evaluation of Antioxidant Activity of Different Fractions of *Melothria maderaspatana*, *Asian Journal of Chemistry*, 23(5), 2207-2211 (2011).
3. S Mahapatra, **J Singh**, B C Maiti & T K Maity, Evaluation of Some Synthesized Novel Substituted Phthalimide Derivatives as Potent Antidiabetic Agents, *Asian Journal of Chemistry*, 23(4): 1581-1584 (2011).
4. A Mondal, T K Maity, D Pal, S Sannigrahi, **J Singh**, T Ghosh, HPTLC Determination of Phenolic Compounds and Antioxidant Activity of the Aerial Parts of *Melothria heterophylla* (Lour.) Cogn. *International Journal of Drug Development & Research* | Oct-Dec 2010 | Vol. 2 | Issue 4 | ISSN 0975-9344 | Available online <http://www.ijddr.in>

5. M Kundu, B Singh, **J Singh**, T Ghosh, T. K. Maity, Synthesis and anticancer activity of 3, 5-diaryl-1, 2, 4-oxadiazole derivatives. *Indian Journal of Pharmaceutical Education and Research* 45(3): 267-271 (2011).
 6. R. Rajapandi, **J Singh** and T K Maity, Improved Synthesis of Novel 2, 4-Diamino-5-furfurylpyrimidine in Presence of Molecular Sieves, *Asian Journal of Chemistry* 22, 1841-1844 (2010).
 7. P Sengupta, D K Dash, V C Yeligar, K Muruges, D Rajalingam, **J Singh** & T K Maity, Evaluation of Anticancer Activity of some 1, 3, 4-oxadiazole derivatives, *Indian Journal of Chemistry Section-B* 47B: 460-462(2008).
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LIST OF PRESENTATION:

Seminar/ Workshop/ Conference

International: 02

1. The 1st Current Drug Development International Conference, "Synthesis, anticancer activity of some new 1, 3, 4-oxadiazole derivatives against Ehrlich Aceites carcimnoma bearing mice model " **Jagadish Singh**, Ashok Kumar B, Rajapandi R, Arijit Mondal, & T K Maity. Puket, Thailand, May 6-8th, 2010.
2. "1st Pharma Tech IAPST International Conference on Drug Delivery and Drug Targeting Research". Jadavpur University, Kolkata-700032. West Bengal, India, January 19th to 20th 2008.

National (04):

1. National seminar on Drug and Delivery Research: A Recent Advancement "Synthesis, anticancer activity of some new 1, 3, 4-oxadiazole derivatives against Ehrlich Aceites carcimnoma bearing mice model. " **Jagadish Singh**, Ashok Kumar B, Rajapandi R, Arijit Mondal, & T K Maity. Jadavpur University, Kolkata-700032. West Bengal, India, 3rd December 2010.
 2. National Seminar on "LCMS/MS in Clinical Research" Bioequivalence Study Centre. Department of Pharmaceutical Technology, Jadavpur University, Kolkata-700032, on 3rd April 2009.
 3. National Workshop on "Instrumental Chromatography and Drug Discovery" School of Natural product studies, Jadavpur University, Kolkata-700032, West Bengal on 8-9th December 2009.
 4. 59th Indian Pharmaceutical Congress 2006 "Evaluation of Anticancer and antimicrobial activity of 1, 3, 4-oxadiazole derivatives" **Jagadish Singh**, Rajapandi R, Pinaki Sengupta, Tritha Ghosh, Raju Soumandal, Mrytunjoy Kundu, Sasmita Dash & T K Maity. Varanasi 2006.
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ADDRESS:

Residential

Street No-61, Q No: 11-D
PO: Chittaranjan, Dist-Burdwan
West Bengal, Pin:-713331 (India)
E Mail.: jagadishpharm09@gmail.com
Mobile No. +919477656540

Office

SLT Institute of Pharmaceutical Sciences
Guru Ghasidas University, Bilaspur, C.G
Mobile No: +917587312673
