

Kuldeep Singh
 Scientist B & Officer Incharge
 (PhD)

ICMR-National Institute of Malaria Research
 Field station: Guwahati (Assam)
 Jayanagar Six mile Near ESIC Hospital
 Mob: +91-8168597006
 Email: kuldeepgju17@gmail.com

Summary

Presently working as Scientist B at National Institute of Malaria Research, Field station Guwahati since 23rd November 2016.

Sr. no.	Post	Institution	Dates
1.	Scientist B & Officer Incharge	ICMR-National Institute of Malaria Research Filed station Guwahati (Assam, India)	2016 till Date
2.	Assistant Manager (Research & Development)	Venus Remedies Ltd. Baddi Venus Medicine research Centre, a GLP DSIR approved research Centre	2015- 2016
3.	CSIR-SRF	Punjabi University, Patiala (Punjab)	2011-2015
4.	Lecturer	PDM School of Pharmacy	2008-2011
5.	PSR	Emcure Pharm. ltd.	2005-2006

Projects as PI:

- Monitoring of insecticide resistance in malaria vectors in endemic States of India (Completed)
- Efficacy and safety of ACT for the treatment of uncomplicated *Plasmodium falciparum* malaria across International borders of India
- Surveillance of Dengue vectors in Guwahati metropolitan, India: Entomological survey.
- Behavioral Change in Anopheline vectors in Areas of Insecticidal Nets (ITNS/ LLINS) Use: A Possible Challenge to Malaria Elimination Programme in India.

Projects as CO-PI: Field work of 08 projects

Educational qualification

Year	Degree	Board/University	Result
2015	PhD	Punjabi University, Patiala	Awarded
2008	M. Pharmacy	G.J. University of Sc. And Tech. Hisar	First
2006	GATE	I.I.T. Kharagpur	446 (AIR)
2005	B. Pharmacy	G.J. University of Sc. And Tech. Hisar	First
2000	S.S.C.	H.B.S.E. Haryana	First
1998	H.S.C.	H.B.S.E. Haryana	First

Research outcomes

Research profile	Number	Comment
Publications	Research	12
Books	Book	01
	Book chapter	06
Patents	Published	03
	Filled	01
Conference/Training	Workshop/Training	03
		10

Total Impact factor: 34.662

Physico-chemical/Spectral and analytical characterization of Mesalamine

Formulation characterization of NDDS

553/DEL/2014-India

Filled in India/PCT Filling under process

Basic **Molecular Biology Techniques**, Instrument handling

Oral/Poster presentation

List of Patents Published/filled in India and abroad

Sr. no.	Year	Title	Patent No.	Status
1.	2014	Carboxymethyl Katira Gel And A Process For Preparation Thereof.	553/DEL/2014, Priority Date: 23/02/2014	Published
2.	2014	Process for the Fabrication of Oral Disintegrating Tablets containing Amphotericin B and related methods.	3044/DEL/2014, Priority Date: 27/10/2014.	Published
3.	2015	Carbamoyl ethyl Katira Eye Lubricant Solution And A Process For Preparation Thereof	2423/DEL/2015, Priority Date:07/08/2015 Pub . No . : US 2018 / 0235873 A1	Granted

Best Five Publications:

Sr. No.	Publication	Impact factor (JCR/Thomson Reuters)
1	Kuldeep Singh , Ashok Kumar, Naresh Langyan, Munish Ahuja (2009). Evaluation of <i>Mimosa pudica</i> Seed Mucilage as Sustained-Release Excipient. <i>AAPS Pharm Sci Tech</i> 10(4) : 1121–1127. (ISSN: 1530-9932) • <i>Explored novel excipient in sustained drug delivery</i>	2.641
2	Kuldeep Singh , Rajat Suri, A. K. Tiwary, Vikas Rana (2012). Chitosan films: crosslinking with EDTA modifies physicochemical and mechanical properties <i>Journal of Materials Science: Materials in Medicine</i> . 23(3) : 687–695. (ISSN: 0957-4530-Print version; ISSN: 1573-4838-electronic version) • <i>Modification of physico-chemical properties</i>	2.585/3.016*
3	Kuldeep Singh , Rajat Suri, A.K. Tiwary, Vikas Rana (2012). Exploiting the synergistic effect of chitosan-EDTA conjugate with MSA for the early recovery from colitis. <i>International Journal of Biological Macromolecules</i> . 54 :186-96.(ISSN: 0141-8130). • <i>Colon targeting drug delivery system.</i>	2.585/3.016*
4	Kuldeep Singh , A.K. Tiwary, Vikas Rana (2013). Ethylenediaminediacetic acid bis(carbido amide chitosan): Synthesis, characterization and evaluation as solid carrier to fabricate nanoemulsion. <i>Carbohydrate Polymers</i> 95(1) :303-14. (ISSN: 0144-8617) • <i>Liver targeting of antimalarial using nano based drug delivery</i> • <i>Optimization by Quality by Design/ DOE approach</i>	4.074/4.568*
5	Kuldeep Singh , A.K. Tiwary, Vikas Rana (2013). Spray dried chitosan-EDTA superior microparticles as solid substrate for the oral delivery of Amphotericin B. <i>International Journal of Biological Macromolecules</i> . 58 :310-9. (ISSN: 0141-8130) • <i>Lipid based novel drug delivery for higher oral bioavailability of antifungal drug.</i> • <i>Optimization by Quality by Design/ DOE approach</i>	2.585/3.016*

(Kuldeep Singh)