

RAJEEV K SINGLA

Contact Details: **Division of Biotechnology, Netaji Subhas Institute of Technology (University of Delhi), Sec-3, Dwarka, New Delhi-78, India** https://www.researchgate.net/profile/Rajeev_K_Singla
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Proficiencies: Computational Chemistry & Molecular Modeling, Phytochemistry & Phytopharmacology, Novel Therapeutics, Medicinal Chemistry etc.

OBJECTIVE:

Aim to work on challenging assignments that will present me the opportunity to put my abilities towards the organizational as well as personal growth in the respective field.

PROFESSIONAL SYNOPSIS:

- Handling independently a project of 20.83 Lakh INR, funded by SERB(Department of Science & Technology), Government of India(Project No. SR/FT/LS-149/2011).
- Cross-functional experience in teaching, research, projects etc.
- Demonstrated professional excellence in project planning, scheduling, monitoring, and execution of projects without incidences of time/cost overruns.
- Proven expertise in preparation of manuscripts, designing & implementing various synthetic techniques & procedures.
- Excellent man-management, time management, and leadership skills.

KEY COMPETENCIES:

- Resources Management Training & Development Research Facilitation
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PERSONAL DETAILS:

Date of Birth : 26th Jan, 1986
Gender : Male
Nationality : Indian
Languages Known : British English & Hindi
Marital Status : Married
Passport No. : K0111999

ACADEMIA

- B. Pharm.** – Maharishi Dayanand University - 2007 - 71%
 M. Pharm. – Manipal University - 2009 - 73.4%

❖ Academic Scholarship, Fellowship, Awards & Trophies :

I ELTS, Dec, 11 with Band 7.5
GATE Scholarship by MHRD, Govt. of India - 2007-09 with **AIR 660**
SERB-Young Scientist/ Principal Investigator Fellowship from Science & Engineering Research Board (Ministry of Science & Technology), Govt. of India – Since July, 2012
H-index(9); i10-index(8); Citations: 286 (As on 26.09.2014)
Member of Elsevier Researcher/ Innovation Panel
Nominator- Blue Planet Prize, Asahi Glass Foundation
Consultant- Glenmark Pharmaceuticals Ltd
Executive Guest Editor- Current Topics in Medicinal Chemistry

TRAINING:

- Research Projects Facilitation
 Leadership Skills

COMPUTER LITERACY:

Microsoft Office, VLife MDS 4.4, StarDrop 5.4, Derek Nexus, Graph Pad Prism 5.0, Design Expert 9, Minitab, Python, ChemDraw Ultra, ACD ChemSketch, Scifinder, Mendeley, Windows, Internet and all such essential basics.

PROFESSIONAL EXPERIENCE:

☐ MILESTONE & SUMMARY

- ❖ 5 years in the academies
- ❖ Worked with world-class university & institutions of high repute.
- ❖ Varied experience and exposure
- ❖ Pan-organization functionality

☐ TOP PUBLICATIONS

1. Sateesh Pokuri, **Rajeev K Singla**, Varadaraj Bhat G, Gautham G Shenoy. Insights on the Antioxidant Potential of 1,2,4-Triazoles: Synthesis, Screening & QSAR Studies. *Current Drug Metabolism*. 2014, 15. DOI: 10.2174/1389200215666140908101958 (Article in Press). (I.F. 3.487)
2. **Rajeev K Singla**, Varadaraj Bhat G, Humberto Gonzalez Diaz. Editorial: From Phytochemistry to Medicinal Chemistry: Isolation, Semisynthesis, Evaluation and Computational Studies. *Current Topics in Medicinal Chemistry*. 2014, 14(8), 979-980 (I.F. 3.453)
3. Ngozichukwuka P Igoli, Carol J Clements, **Rajeev K Singla**, John O Igoli, Nzekwe Uche, Alexander I Gray. Antitrypanosomal Activity & Docking Studies of Components of *Crateva adansonii* DC Leaves: Novel Multifunctional Scaffolds. *Current Topics in Medicinal Chemistry*. 2014, 14(8), 981-990. (I.F. 3.453)
4. John O Igoli, Alexander I Gray, Carol J Clements, Poorna Kantheti, **Rajeev K Singla**. Antitrypanosomal Activity & Docking Studies of Isolated Compounds from the Lichen *Cetraria Islandica* : Possibly Multifunctional Scaffolds. *Current Topics in Medicinal Chemistry*. 2014, 14(8), 1014-1021. (I.F. 3.453)
5. **Rajeev K Singla**, Varadaraj Bhat G. QSAR model for predicting the fungicidal action of 1,2,4-triazole derivatives against *Candida albicans*. *Journal of enzyme inhibition and medicinal chemistry*. October 2010; 25(5): 696-701. DOI: 10.3109/14756360903524296. (I.F. 2.383)
6. Girish R. Bankar, Pawan G Nayak, Punit Bansal, Piya Paul, K S R Pai, **Rajeev K Singla**, Varadaraj G. Bhat. Vasorelaxant and antihypertensive effect of *Cocos nucifera* linn. Endocarp on isolated rat thoracic aorta and DOCA salt induced hypertensive rats. *Journal of Ethnopharmacology*. 2011; 134: 50-54. (I.F. 2.939)
7. Babita Aggarwal, **Rajeev K Singla**, Mohd. Ali, Vijender Singh, John O Igoli, Rohit Gundamaraju, Kah Hwi Kim. Triterpenic and Monoterpenic Esters from Stems of *Ichnocarpus Frutescens* and Their Drug Likeness Potential. *Medicinal Chemistry Research*. 19th August 2014. DOI: 10.1007/s00044-014-1227-2. (I.F. 1.612)
8. Rohit Gundamaraju, Ravi Chandra Vemuri, **Rajeev K Singla**, Rishiya Manikam, A Ranga Rao, Shamala Devi Sekaran. *Strophanthus hispidus* attenuates the Ischemia-Reperfusion induced myocardial Infarction and reduces mean arterial pressure in renal artery occlusion. *Pharmacognosy Magazine*. 2014, 10(39), 557-562. (I.F. 1.525)
9. **Rajeev K Singla**, Rohit Gundamaraju, Varadaraj Bhat G. Docking Studies and ADMET Profile of Streblusol E, Anti-hepatitis B viral Agent of *Streblus Asper*. *Pharmacognosy Magazine*. 2014. (Provisionally Accepted) (I.F. 1.525)
10. **Rajeev K Singla**. Mechanistic Evidence to Support the Anti-hepatitis B Viral Activity of Multifunctional Scaffold & Confirmationally Restricted Magnolol. *National Academy Science Letters*. 2014; 37(1): 45-50. (I.F. 0.240)

For more details, visit

http://scholar.google.co.in/citations?hl=en&user=EmfbCekAAAAJ&view_op=list_works

❑ **Books**

1. Ravi Chandra Vemuri, Rohit Gundamaraju, Rajeev K Singla. Volumetric Analysis in Oncology. LAP Lambert Academic Publishing. Germany. ISBN-13 (978-3-659-57280-7)

❑ **KEY ACHI EVEMENTS:**

❖ **Shri Gopichand College of Pharmacy, Baghpat, India**

2010: **Approval of Animal House from CPCSEA, Govt. of India, 1st Time Campus Placement for Students.**

❖ **Vaish Institute of Pharmaceutical Education & Research, Haryana, India.**

2010: **Best Poster Award by IPGA**

❖ **Jaipur National University, Rajasthan, India**

2011: **Convener of two seminars, EDITOR & FOUNDER of Newsletter "Pharma Booster".**

❖ **Netaji Subhas Institute of Technology, New Delhi, India**

2013: 2 Day training organized on Computational Chemistry. Resource Person- Dr. Sami Mukopadhyay & Dr. Kundan Ingale, Vlfe Science Pvt Ltd on 23-24th Nov, 2012

2014: Jury member of BioQuiz, Bio-Bickering, Group Discussion & Case Study, Events of BioVision, 14 on 15-16 February, 2014.

❖ **MISC.**

★ **Honored with various Awards, Medals, and Trophies & Scholarships.**

★ **Co-supervised six M.Pharm Students in their research project and supervised four B.Pharm students.**

★ **Editor-in-Chief**, Indo Global Journal of Pharmaceutical Sciences

★ Recipient of **Serb-Young Scientist Fellowship** from Science & Engineering Research Board, Govt. of India

★ **Bioinformatics Editor**, WebmedCentral, UK

★ **Regional editor**, Trends in Applied Sciences Research, USA (Thomson, ISI)

★ **Reviewer**, Current Topics in Medicinal Chemistry, Bentham Publishers

★ **Reviewer**, Journal of Ethnopharmacology, Elsevier Publications

★ **Reviewer**, Bioorganic and Medicinal Chemistry, Elsevier Publications

★ **Reviewer**, Medicinal Chemistry Research, Springer Publications

★ **Reviewer**, Journal of Pharmacy & Bioallied Sciences, Wolters Kluwer

★ Biography in Marquis Who's Who in the World 2013, 30th Pearl Anniversary Edition

★ Biography in Marquis Who's Who in the World 2015, 32nd Edition

➤ **TOTAL NUMBER OF INTERNATIONAL PUBLICATIONS:** 085

➤ **TOTAL NUMBER OF PRESENTATIONS:** 028

➤ **TOTAL NUMBER OF CONFERENCES/ WORKSHOPS/ SEMINARS ATTENDED:** 030

EXPERIENCE HISTORY

DIVISION OF BIOTECHNOLOGY, NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, UNIVERSITY OF DELHI, INDIA	July, 2012-Present	SERB-Young Scientist/PI
SADBHAVNA COLLEGE OF MANAGEMENT & TECHNOLOGY, PUNJAB	2011-12	Assistant Professor/Vice-Principal
JAI PUR NATIONAL UNIVERSITY, RAJASTHAN	2011	Lecturer
VAISH INSTITUTE OF PHARMACEUTICAL ED & RES, HARYANA	2010	Lecturer
SHRI GOPICHAND COLLEGE OF PHARMACY, UTTAR PRADESH	2009-10	Lecturer

REFERENCES

1. **Prof. Humberto Gonzalez Diaz**, Ikerbasque Professor, IKERBASQUE, Basque Foundation for Science, 48011, Bilbao, Spain. Email id: gonzalezdiaz@yahoo.es ; humberto.gonzalezdiaz@ehu.es
2. **Dr. S.K. Srivastava**, Chief Scientist & Head, Medicinal Chemistry Department, Central Institute of Medicinal & Aromatic Plants, Lucknow 226015, India. Mobile: +91-9450448812; Email id: skscimap@gmail.com
3. **Dr. Varadaraj Bhat G**, Assistant Professor, Manipal College of Pharmaceutical Sciences, Manipal University, India. Email id: varad.g@manipal.edu

DATE: Saturday, September 27, 2014

LOCATION: NEW DELHI, INDIA

(RAJEEV K SINGLA)