




## Faculty Details proforma for DU Web-site

(PLEASE FILL THIS IN AND Email it to [websiteDU@du.ac.in](mailto:websiteDU@du.ac.in) and

cc: [director@ducc.du.ac.in](mailto:director@ducc.du.ac.in)

Title	Dr.	First Name	Rajeev	Last Name	Singh	Photograph
Designation		Assistant Professor				
Address						
Phone No	Office					
	Residence					
	Mobile					
Email						
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
Ph.D.		Delhi University			2010	
Post Graduation (M. Sc)		V.B.S. Purvanchal University			2003	
Graduation (B. Sc)		V.B.S. Purvanchal University			2001	
Career Profile						
<b>Organization</b>		<b>Designation</b>		<b>Duration</b>		<b>Role</b>
Dept of Environmental Studies, Satyawati College, University of Delhi		Assistant Professor		06/2015-Till Date		Teaching & Research
Indian Council of Medical Research, New Delhi		Scientist C		07/2010-06/2015		Research in Environmental Health
Areas of Interest / Specialization						
<b>Environmental Health, Reproductive Health, Immunology</b>						
Subjects Taught						
<b>Environmental Studies</b>						
Research Guidance						
Nil						
Publications Profile						
<b>Research Papers</b>						
1. Singh A and Singh R (2013). QSAR and its role in target-ligand interaction. The Open Bioinformatics Journal, 7:63-67.						
2. Singh R and Rai U (2011). Immunomodulatory role of urotensins in teleost <i>Channa punctatus</i> . General and Comparative Endocrinology 170: 613-621. (Impact factor: 3.267)						
3. Singh R and Rai U (2010). Kappa-opioid receptor mediated modulation of innate immune response by dynorphin in teleost <i>Channa punctatus</i> . Peptides 31: 973-978. (Impact factor: 2.654)						
4. Singh R and Rai U (2010). Opioid and non-opioid receptor-mediated immunoregulatory role of Leucine-enkephalin in teleost <i>Channa punctatus</i> . Fish and Shellfish Immunology 28: 872-878. (Impact factor: 3.7)						

5. Singh R and Rai U (2009). Delta opioid receptor-mediated immunoregulatory role of Methionine-enkephalin in freshwater teleost *Channa punctatus* (Bloch.). *Peptides* 30: 1158-1164. (Impact factor: 2.654)
6. Singh R and Rai U (2008).  $\beta$ -Endorphin regulates diverse functions of splenic phagocytes through different opioid receptors in freshwater fish *Channa punctatus* (Bloch): An in vitro study. *Developmental and Comparative Immunology* 32: 330-338. (Impact factor: 3.445)
7. Roy B, Singh R, Kumar S and Rai U (2008). Diurnal variation in phagocytic activity of splenic phagocytes in freshwater teleost *Channa punctatus*: melatonin and its signaling mechanism. *Journal of Endocrinology* 199: 471-480. (Impact factor: 3.548)

#### **Book Chapters:**

1. Singh A and Singh R (2013). New concept of using genetically engineered microbial Biosensor. *Chemistry and Physics of Complex Materials*. Editors: Prof. Maria Rajkiewicz, Poland, Wiktor Tyskiewicz, Poland and Prof. Ali Pourahashemi, USA. Apple Academic Press, NJ, USA. Page No. 45-66 (ISBN 9781926895604).
2. Singh A and Singh R (2013). A Research Note on Immunological Databases and Its Role in Immunological Research. *Chemical and Biochemical Engineering*. Editors: Prof. Ali Pourahashemi, USA. CRC press, Apple Academic Press, NJ, USA. (ISBN 9781771880305).
3. Singh A and Singh R (2013). Nanotherapeutics: A novel approach of target based drug delivery. *Chemical Process in Liquid and Solid Phase Properties, Performance and Application*, Editors: Prof. Alfonso Jimenez, Spain and Prof. Ali Pourahashemi, USA. Apple Academic Press, NJ, USA. Page No. 17-26. (ISBN 9781926895512).
4. Singh A and Singh R (2013). Microbial Biosensors. *Polymer Products and Chemical Processes Techniques, Analysis, and Applications* Editors: Prof. Richard A. Pethrick, USA, Prof. Eli M. Pearce, USA, Dr. Gennady E. Zaikov, Russia. Apple Academic Press, NJ, USA. Page No. 183-202 (ISBN 9781926895536).
5. Singh A, Singh R, Vladimirovich KG, and GrigorŌvich YY. (2013). *New Horizons In Nanotechnology. Handbook of Research on Functional Materials: Principles, Capabilities and Limitations*. Editors: Charles Wilkie, PhD, USA, Georges Geuskens, PhD, Belgium, Victor Manuel de Matos Lobo, PhD. Portugal. CRC press, Apple Academic Press, NJ, USA. (ISBN 9781926895659).
6. Singh A and Singh R (2013). Immune-System: Components and Disorders. *Key Engineering Materials Volume I: Current State-of-the-Art on Novel Materials*. Editors: Prof. Devrim Balköse, Prof. Daniel Horak, Dr. Ladislav Šoltés. CRC Press: Taylor and Francis Group, USA. (ISBN 9781926895734)
7. Singh A and Singh R (2014). *Immunological Databases and Its Role in Immunological Research. Life Chemistry Research Biological Systems*. Editors: Roman Joswik, Gennady E. Zaikov, A. K. Haghi. CRC Press: Taylor and Francis Group, USA. (ISBN: 9781771880688)
8. Singh A and Singh R (2015). Role of supercomputers in Bioinformatics. *Research and application in global supercomputing*. Editors: Richard S. Segall, Jeffrey S. Cook and Qingyu Zhang. pages 223-241. ISBN13: 9781466674615
9. Singh R and Singh A (2015). Role of Data Bases in Biological data analysis. *Chemical Analysis Modern Materials Evaluation and Testing Methods*. Editors: Ana Cristina Faria Ribeiro, Cecilia I. A. V. Santos, Gennady E. Zaikov. Apple Academic Press, NJ, USA. (ISBN9781926895536).

10. **Singh R** and Singh A, Protein Structure Prediction (Accepted 2016). Applied Chemistry and Chemical Engineering, Volume 2 Principles, Methodology, and Evaluation Methods. Editors: A. K. Haghi, Lionello Pogliani, Devrim Balköse, Omari V. Mukbaniani, Andrew G. Mercader Apple Academic Press, NJ,USA **ISBN: 9781771885584**
11. Singh A, **Singh R**, Gupta N (Accepted 2016). Role of Supercomputers in Bioinformatics. Oncology: Breakthroughs in Research and Practice. Zhiqiang Yan and Jin Wang, Apple Academic Press, NJ,USA, ISBN13: 9781522505495.

**Proceedings:**

1. Sharma RS and **Rajeev Singh**. DNA Sequencing: Past, Present and Future. In proceeding of the National Workshop on biomedical instruments and technologies. Eds Mali PC, University of Rajasathan, Jaipur, pp 1-17, 2015
2. Singh R and Rai U. Specific receptor-mediated effect of met-enkephalin on splenic phagocyte activities in freshwater fish *Channa punctatus*. “6<sup>th</sup> Congress of the Asia and Oceania Society for Comparative Endocrinology (AOSCE)” held in University of North Bengal, West Bengal, India from December 10-14, 2007, 186-188
3. Singh R and Rai U. In vitro effect of  $\beta$ -endorphin on splenic phagocyte activities in male *Channa punctatus*. “5<sup>th</sup> Congress of the Asia and Oceania Society for Comparative Endocrinology (5<sup>th</sup> AOSCE)” held in Bangkok, Thailand from 7-10 February, 2006, S3-5, PP125-128.

Conference Abstracts/ Presentations

1. Singh R. Invited Speaker on the topic Electromagnetic radiation and reproductive Health in National Seminar on Reproductive Health Awareness for Adolescent held in Birla Balika Vidyapeeth, Pilani, Rajasthan, 10<sup>th</sup> & 11<sup>th</sup> September, 2016.
2. Sharma RS, **Singh R** and Nath R. Effect of radio-frequency radiation (RFR) emitted from cell phone and cell phone tower on human health with special reference to reproduction. **National Symposium on Changing Environment & Lifestyle: Impact on Reproductive Health** held All India Institute of Medical Sciences (AIIMS), New Delhi, 19<sup>th</sup> & 20<sup>th</sup> November, 2013.
3. **Singh R**, Nath R, Singh BK, Mathur AK, Sharma RS. Possible Influence Of Radio Frequency Electromagnetic Field Emitted From Cell Phone Tower On Health. Poster Presentation “**International Conference on Repromics - Omics In Reproduction And Development**” held in Rajiv Gandhi Centre for Biotechnology (RGCB), Thiruvananthapuram, Kerla from February 07-09, 2013.
4. Nath R, **Singh R**, Saxena R, Mathur AK, Singh BK, Sharma RS. The Adverse Effects of Radio Frequency Radiation emitted from Cell Phone on Reproduction. “**International Conference on Repromics - Omics In Reproduction And Development**” held in Rajiv Gandhi Centre for Biotechnology (RGCB), Thiruvananthapuram, Kerla from February 07-09, 2013.
5. **Singh R**, Nath R, Singh BK, Mathur AK, Sharma RS. Non-ionizing electromagnetic field (EMF) emitted from cell phone tower and human health: current scenario. Poster presentation “**International Conference on Reproductive Health with Emphasis on Strategies for Family Planning**” held in All India Institute of Medical Sciences (AIIMS), ICMR, New Delhi from February 19-21, 2012.
6. Nath R, **Singh R**, Saxena R, Mathur AK, Singh BK, Sharma RS. The adverse effects of radiofrequency radiation (RFR/EMF) by cell phone on human health: A critical review and future action to protection. “**International Conference on Reproductive Health with Emphasis on Strategies for Family Planning**” held in All India Institute of Medical Sciences (AIIMS), ICMR, New Delhi from February 19-21, 2012.
7. Singh BK, Sharma RS, Mathur AK and **Singh R**. The ill effects of environmental pollution on Reproductive Health and beyond. **National Seminar on New Frontiers in Environmental Pollutants, Health & Application of**

# Thank you for evaluating **BCL easyConverter Desktop**

This Word document was converted from PDF with an evaluation version of BCL easyConverter Desktop software that **only converts the first 3 pages** of your PDF.

[CTRL+ Click on the link below to purchase](#)

[Activate your software for less than \\$20](http://www.pdfonline.com/easyconverter/)

<http://www.pdfonline.com/easyconverter/>