


Faculty Details proforma for DU Web-site



Title	Dr.	First Name	Kamna	Last Name	Srivastava	Photograph
Designation	ASSISTANT PROFESSOR {ad hoc}					
Address	Dr. B. R. Ambedkar Centre for Biomedical Research, University of Delhi, Delhi-110007 India					
Phone No Office	Off. Tel# 0091-11-27666272, Off Fax # 0091-11-27666248					
Residence	C-33, first floor, Housing Society, N.D.S.E.-I, New Delhi-110049 , India Tel #0091-11-41648387					
Mobile	+91-9810702746					
Email	kamna_srivastava@hotmail.com, kamstav@yahoo.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	Department of Pharmaceutics, IT -BHU				1992	
M.Pharm	Department of Pharmaceutics, IT -BHU				1989	
B. Pharm	Department of Pharmaceutics, IT -BHU				1987	
Title of PhD thesis	Synthesis and Biological activities of 1,2,4- thiazolidines and related derivatives					
Career Profile						

Research experience = 21 years
Teaching Experience = 09 years 6 months

Teaching in ACBR-DU

Teaching in ACBR-DU from 6 August 2008 till date.

Research Career

ACBR, Delhi University Since August 2008 till date

May 2005- May 2008, research associate funded by “ICMR”.Department of biochemistry, AIIMS, New Delhi

Apr 2002 – Feb2005, research associate, funded by “ICMR”Department Of Pharmacology, AIIMS, New Delhi, Aug 1998 - May 2000, research associate [funded by C.S.I.R. &Dabar India Ltd.]

Feb 1994 - Apr 1997, pool-officer (C.S.I.R.), National Institute of Immunology, New Delhi,

Administrative Assignments

- Coordinator of Summer Undergraduate Research Programme (SURP) from 2013 to 2017.
- Joint Organizing secretary for 9th Symposium on Frontiers in Biomedical Research-2014, University of Delhi

Areas of Interest / Specialization

<p>Area of interest: Molecular cardiology, Pharmacogenomics, Toxicology and Pharmacology.</p> <p>Scientific activities:</p> <ul style="list-style-type: none"> • To study the regulatory function and signaling crosstalk mediated by small non coding RNAs (sncRNAs) such as miRNAs in coronary artery disease (CAD) and to develop these non-coding RNAs as therapeutic targets and potential biomarkers in cardiovascular diseases. • To Study the role of Heat Shock Proteins gene polymorphisms, expression in whole blood and their correlation with plasma inflammatory markers in cardiovascular disorders. • Study the role of PCSK9 genetic polymorphisms in CAD and their differential expression at mRNA and protein level. 		
<p>Subjects Taught</p>		
<ol style="list-style-type: none"> 1. Pharmacology and Toxicology, 2. Advance Pharmacology and Toxicology as special paper 3. Topics in clinical research as special paper 4. Molecular Biology and Biotechnology Theory 5. Pharmacology and Toxicology Practicals 6. Molecular Biology and Biotechnology Practicals 		
<p>Time table of the subjects taught during the current semester</p>		
<p>S. No. Subject</p> <p>01 Advanced Toxicology & Pharmacology</p> <p>02 Molecular Biology and Biotechnology practicals</p> <p>03. M.Sc Dissertations</p>		
<p>Research Guidance</p>		
<table> <tr> <td> <ul style="list-style-type: none"> • Supervision of awarded M Sc dissertations • Supervision of research trainees </td> <td> <p>Thirty Five</p> <p>Twenty Eight</p> </td> </tr> </table>	<ul style="list-style-type: none"> • Supervision of awarded M Sc dissertations • Supervision of research trainees 	<p>Thirty Five</p> <p>Twenty Eight</p>
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<p>Publications Profile</p>		
<p>Total 39 published in reputed indexed journals. 21 publications as *corresponding author</p>		

1. Srivastava K*, Chandra S, Narang R, Bhatia J, Saluja D. E-selectin gene in essential hypertension: a case-control study. *Eur J Clin Invest.* 2018;48:e12868. <https://doi.org/10.1111/eci.12868>.
2. Srivastava K*, Tyagi K. Single nucleotide polymorphisms of microRNA in cardiovascular diseases. *ClinicaChimicaActa.* 2017 Dec 24.
3. Srivastava K*, Chauhan S, Chandra S, Narang R, Bhatia J, et al. (2016) Haplotype Analysis of Heat Shock Protein70 Gene and Their Association with Essential Hypertension. *Ann ClinExp Hypertension* 4(2): 1041.
4. Srivastava, Kamna*, Rajiv Narang, Jagriti Bhatia, and Daman Saluja. "Expression of heat shock protein 70 gene and its correlation with inflammatory markers in essential hypertension." *PloS ONE* 11, no. 3 (2016): e0151060.
5. Sudhir Chandra, Rajiv Narang, Sreenivas V, Jagriti Bhatia, Daman Saluja, KamnaSrivastava* (2014) Association of Angiotensin II Type 1 Receptor (A1166C) Gene Polymorphism and Its Increased Expression in Essential Hypertension: A Case-Control Study. *PLoS ONE* 9(7): e101502.
6. Sudhir Chandra, Daman Saluja, Rajiv Narang, Jagriti Bhatia, *KamnaSrivastava (2015). Atrial Natriuretic Peptide and Aldosterone Synthase gene in essential hypertension: a case-control study. *Gene*; 2015 Apr 24. pii: S0378-1119(15)00489-8. doi: 10.1016/j.Gene.2015.04.062.).
7. Sudhir Chandra, Rajiv Narang, Daman Saluja, Jagriti Bhatia, *KamnaSrivastava (2014) Expression of angiotensin-converting enzyme gene in whole blood in patients with essential hypertension. *Biomarkers*;19(4):314-8.
8. KalyanSrivastava, KamnaSrivastava (2015). Role of Platelet-Mediated Cytoadherence and Chemokines Release in Severe Malaria. *SOJ Immunol* 3(3): 1-6.
9. KamnaSrivastava*, Swati Chauhan, Sudhir Chandra, Rajiv Narang, Jagriti Bhatia, Daman Saluja. (2016) Haplotype Analysis of Heat Shock Protein70 Gene and Their Association with Essential Hypertension. *Ann ClinExp Hypertension* 4(2): 1041.
10. KamnaSrivastava*, Rajeev Narang, V Sreenivas, Nibhriti Das (2014) Endothelial nitric oxide synthase genes (Intron 4a/b and T786C) polymorphisms in coronary artery disease in north Indian subjects. *International Journal of Current Pharmaceutical and Clinical Research.*
11. KamnaSrivastava*, Rajeev Narang, V.Sreenivas, Sabari Das, Nibhriti Das (2014) Association of oxidative stress with essential hypertension in Asian Indians. *International*

journal of current Pharmaceutical and Clinical Research.

12. KamnaSrivastava*, Sudhir Chandra, Jagriti Bhatia, Rajiv Narang, Daman Saluja (2012) Association of Angiotensinogen (M235T) gene polymorphism with Blood pressure lowering response to Angiotensin Converting Enzyme inhibitor (Enalapril). Journal of Pharmacy and Pharmaceutical Sciences, Vol.15(3)399-406.
13. KamnaSrivastava*, Indhumathi Narayanan, Sudhir Chandra, Rajiv Narang, Jagriti Bhatia, Daman Saluja (2012) Role of E-Selectin (Ser128Arg) gene polymorphism in patients with essential hypertension in Asian Indians. Journal of Pharmacy Research, vol.5(2)880-882.
14. *KamnaSrivastava, Rajiv Narang, Jagriti Bhatia, Daman Saluja (2012) "Association of angiotensin converting enzyme ACE (I/D) gene polymorphism with essential hypertension in northern Indian subjects". Genetic Testing and Molecular Biomarkers, Vol.16(3)174-177.
15. N Siddiqui, W Ahsan, K Srivastava (2012). Design, synthesis and anticonvulsant evaluation of pyridinyl-pyrrolidones: A pharmacophore hybrid approach. Arch. Pharm. Chem. Life Sci, Vol. 345(3):185-94.
16. Shukla J, Dinda AK, Srivastava AK, Srivastava K, Mittal BR, Bandopadhyaya GP. Nanotamoxifen delivery system: Toxicity assessment after oral administration and biodistribution study after intravenous delivery of radiolabeled nanotamoxifen. World journal of nuclear medicine. 2016 Jan;15(1):7.
17. K Srivastava, R Narang, VSreenivas, S Das, N Das. (2008) Association of eNOS Glu298Asp gene polymorphism with essential hypertension in Asian Indians. Clinica chimica acta 387,80-83. (Impact factor 2.86)
18. Srivastava K, Narang R and Das N (2006). Role of Nitric oxide and E-selectin in Essential hypertension: A case-control study, J human hypertens 20, 537-539. (Impact factor 2.8)
19. Srivastava K, Biswas UK, Narang R, Varghese JJ, and Das N. (2005) Normal distribution of eNOS Glu298Asp polymorphism in northern Indians, Public health Genomics 8, no.3, 180-183.
20. S Arora, N Das, *K Srivastava. Nitric oxide and eNOS gene in Essential hypertension(2009)International.Journal of Collaborative Research on Internal Medicine & Public Health Vol 1, No 2 (impact factor 1.5)
21. P. Goel, K. Srivastava, N. Das, and V. Bhatnagar (2010) The role of nitric oxide in portal hypertension caused by extrahepatic portal vein obstruction.Journal of Indian Association of Pediatric Surgeons 15(4): 117–121 (impact factor 1.3)

22. N Siddiqui, W Ahsan, K Srivastava (2011). Anticonvulsant activity of a combined pharmacophore of pyrazolo-pyridines with lesser toxicity in mice ;Bulletin of Korean chemical society, Vol.32, No 2.(Impact factor 2.04)

23. N Siddiqui, W Ahsan, K Srivastava (2011). Design, synthesis and anticonvulsant evaluation of pyridinyl-pyrrolidones: A pharmacophore hybrid approach; Arch. Pharm. Chem. Life Sci 1-10; DOI 10.1002/ardp.201100140 (Impact Factor 1.343)

OTHER PUBLICATIONS [9]

1. *Srivastava, K. and Pandeya, S.N. (1993). 3-Thio-5-(N-aryl-N' -arylguanyl)-1,2,4-dithiazoles as Potential Anticonvulsant and Analgesic Agents. Euro J Med Chem 28, 175.

(Impact factor 3.849) 2. *Srivastava, K. and Pandeya, S.N. (1993) Synthesis and anticonvulsant activity of 3-arylamino-4-aryl-5-(N-4-chlorophenylthiocarbamido)-1,2,4-thiadiazoles Bio-org Med Chem Lett 3, 547.

3. *Srivastava, K. and Pandeya, S.N. (1993) Ind Drugs 30, 517.

4. Rajesh Gupta, *Srivastava, K. and Pandeya S.N. (1993). Synthesis and biological activities of some novel substituted 1,2,4- thiadiazolidine-3,5-diimines Acta Pharmaceutica 43, 107.

5. Srivastava, K. and Pandeya, S.N. (1992). Evaluation of some 4-aryl-3-arylamino-5-imino-1,2,4-thiadiazolidines as potential anticonvulsant and analgesic compounds Bolletino Chimico Pharmaceutico 131, 313.

6. *Srivastava, K. Siddiqui, N. and Pandeya, S.N. (1992) Potentiating effect of 1,2,4-thiadiazolidines on barbiturate induced hypnosis in albino mice Die Pharmazie 47, 394.

(Impact factor 0.78)

7. Srivastava, K. and Pandeya, S.N. (1992) Anticonvulsant and analgesic properties of 3-arylamino-4-aryl-5-(N-methylthiocarbamido)-1,2,4-thiadiazoles Acta Pharm Turcica 34, 43.

8. *Srivastava, K. ,pandeya S.N.(1991) Synthesis and biological activities of 3,5-diarylamino-1,2,4-thiadiazoles Ind J Heterocycle Chem 1, 34.

9. Pandeya, S.N. Srivastava, K. (1989) Synthesis and biological activities of 2,4-diethyl-3,5-diarylimino-1,2,4-thiadiazolidines Ind J Physiol Pharmacol 33, 34.

a) **Research papers published in Refereed/Peer Reviewed Conferences**

1. Srivastava K et al. (2011) Ace (i/d) Gene Polymorphism in Blood Pressure Controls When Treated With Ace Inhibitor (enalapril) In Patients With Essential Hypertension Hypertension Volume: 58 Issue: 5 Pages: E67-E67 (Impact factor: 6.908)

2. Srivastava K. et al. (2011) Role of Endothelial Nitric Oxide Synthase Gene (Intron 4a/b) Polymorphism in Coronary Artery Disease International journal of cardiology Volume: 147 Supplement: 1 Pages: S8-S8, 2011 (Impact factor : 6.802)

3. Srivastava K. et al (2010) Role of endothelial nitric oxide synthase gene polymorphisms in coronary artery disease European heart journal SUPPLEMENTS Volume: 12 Issue: A Pages: S5-S5 (Impact factor : 10.046)

4. Srivastava Kamna et al. (2009) Role of cell adhesion molecules and oxidative stress in essential hypertension in Asian Indians . International journal of cardiology Volume: 137 Supplement: 1 Pages: S53-S53 (Impact factor : 6.802.)

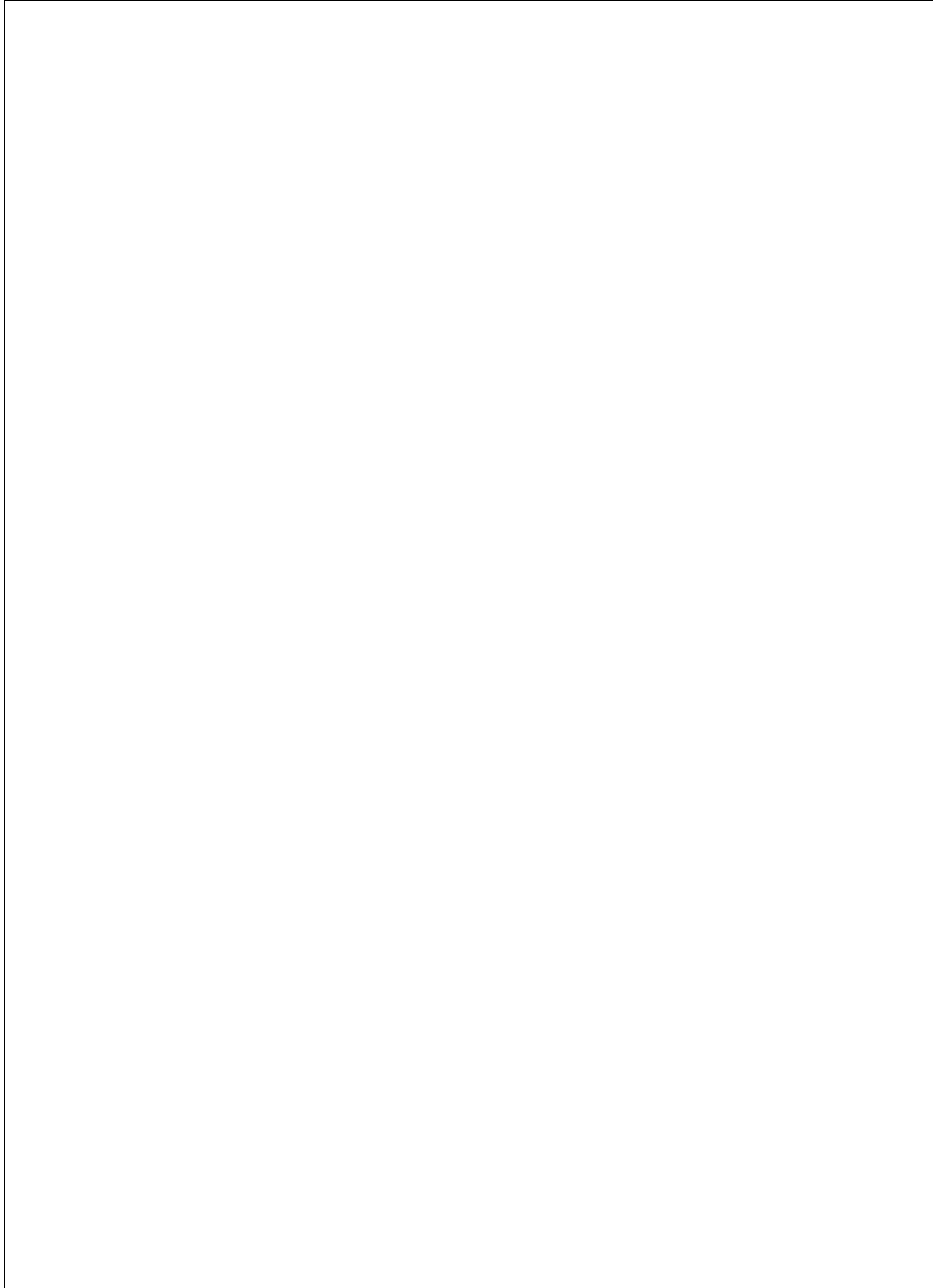
. Srivastava Kamna et al. (2009) Role of cell adhesion molecules and oxidative stress in essential hypertension in Asian Indians . International journal of cardiology Volume: 137 Supplement: 1 Pages: S53-S53 (Impact factor : 6.802.)

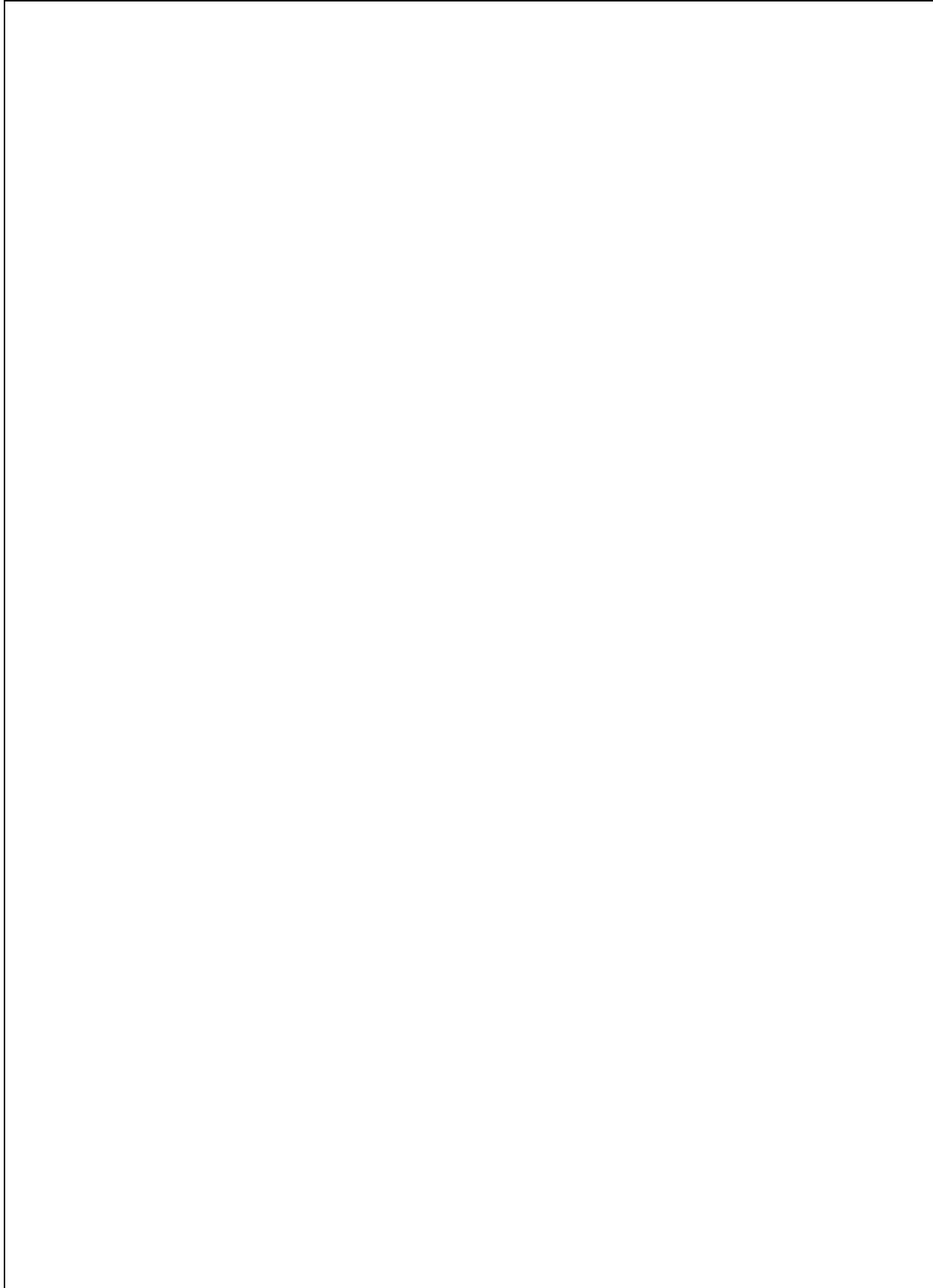
5. Srivastava K. et al. (2009) Role of nitric oxide, levels of malondialdehyde and enos (glu298asp) gene polymorphism in essential hypertension Journal of hypertension Volume: 27 Pages: S261-S261 (Impact factor : 3.98).

6. Ahmad I.; Narang R.; Lakshmy R, srivastava K. (2007) Association of promoter polymorphism (-108 cytosine/thymidine) of human paraoxonase (PON1) gene, serum paraoxonase activity and low levels of HDL with coronary artery disease in Asian Indians Atherosclerosis SUPPLEMENTS Volume: 8 Issue: 1 Pages: 232-232 (Impact factor : 2.064)

Publications in the Last one year

1. Srivastava K*, Chandra S, Narang R, Bhatia J, Saluja D. E-selectin gene in essential hypertension: a case-control study. *Eur J Clin Invest.* 2018;48:e12868. <https://doi.org/10.1111/eci.12868>.
2. Srivastava K*, Tyagi K. Single nucleotide polymorphisms of microRNA in cardiovascular diseases. *ClinicaChimicaActa.* 2017 Dec 24.
3. Srivastava K*, Chauhan S, Chandra S, Narang R, Bhatia J, et al. (2016) Haplotype Analysis of Heat Shock Protein70 Gene and Their Association with Essential Hypertension. *Ann ClinExp Hypertension* 4(2): 1041.
4. Srivastava, Kamna*, Rajiv Narang, Jagriti Bhatia, and Daman Saluja. "Expression of heat shock protein 70 gene and its correlation with inflammatory markers in essential hypertension." *PloS ONE* 11, no. 3 (2016): e0151060.





Conference Organization/ Presentations (in the last three years)

1. Organization of a Conference: Joint Organizing secretary for 9th Symposium on Frontiers in Biomedical Research-2014, University of Delhi

Conferences attended

1. **Invited lecture** in 16th Annual meeting of society for Free radical Research in India, AIIMS New Delhi, February 18 to 20, 2018.
2. **Invited Lecture** in 30th Annual Conference of Indian Society for Atherosclerosis Research (ISRACON), AIIMS Patna, November 2-4, 2017.
3. **Chairing sessions** on Drug Development & Therapeutics | Pharmaceutical Clinical trials & Research | Drug Delivery Systems & Metabolism | Drug Interactions & Adverse Drug Reactions, at the 5th International Pharmacy Conference, Philadelphia, USA, August 31-September 01, 2017.
4. **Oral Presentation** in 13th Biotechnology Congress, San Fransisco, USA, November 28-30.
5. **Oral Presentation** in 10th Symposium on Frountiers in Biomedical Research, New Delhi, October 29-31, 2015.
6. **Invited Lecture** in 27th Annual Conference & International CME, “Indian Society of Atherosclerosis Research” at King George’s Medical University, Lucknow, U.P., India, November 25-27, 2014.
7. **Invited Lecture** in 40th Association of Clinical Biochemist of India, New Delhi, December 3-6, 2013.
8. **Invited lecture** in 11th annual world congress on Insulin Resistance Diabetes and Cardiovascular Disease, Los Angeles, California, USA November 7-9, 2013
9. **Invited lecture** in Satellite Meeting of “Star Society for Free Radical Research” Indian Toxicological Research Centre, Lucknow, 29 January-1 Feb, 2013

1.

Reviewing scientific journals

1. PLOS ONE;
2. J Renin angiotensin aldosterone system
3. Pharmacogenomics: Future medicine
4. BMC Journals
5. Clinicachimicaacta
6. Many open access journals for their promotions
7. Editorial Board of “Scientific and Technical Committee & Editorial Review Board on Biological and Life Sciences of World Academy of sciences, Engineering and Technology”.

Memberships

1. American Heart Association/American Stroke Association
2. Indian Pharmaceutical association
3. Indian society of atherosclerosis research
4. Society of Free radicals research
5. Biotechnology Society of India.

Research Projects (Major Grants/Research Collaboration)

1) To study the genetic polymorphism of PCSK9 and their expression at molecular levels in patients with coronary artery disease (2017-2020) - DST .Major project Running

2) Role of Heat Shock Protein 70 gene polymorphisms, expression in whole blood and their correlation with plasma inflammatory markers in North Indian subjects with essential hypertension (2012-2016). - DST. Major project Completed

3. Role of Angiotensinogen (M235T) gene and Angiotensin converting enzyme ACE (I/D) gene polymorphisms on blood pressure control with ACE inhibitors in north Indian subjects with essential hypertension {2009-2012} DST Major project completed

Awards and Distinctions

1. **South Asian Education Awards-18 for excellence in research.**
2. **Academic Brilliance Awards-18 in Best Researcher award category**

Association With Professional Bodies

Reviewing scientific journals

PLOS ONE;

J Renin angiotensin aldosterone system

Pharmacogenomics: Future medicine

BMC Journals

Clinicachimicaacta

Many open access journals for their promotions

Editorial Board of “Scientific and Technical Committee & Editorial Review Board on Biological and Life Sciences of World Academy of sciences, Engineering and Technology”.

Memberships

American Heart Association/American Stroke Association

Indian Pharmaceutical association

Indian society of atherosclerosis research

Society of Free radicals research

Biotechnology Society of India.

Other Activities

Diploma in Instrumental Music. From Faculty of performing Arts, BNU

Dr. KamnaSrivastava
Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC or PDF file to be attached as a link on your faculty page.