

Curriculum Vitae

1. Name: SURAJ SINGH YADAV
2. Qualification: Ph.D (Faculty of Medicine)
M.Sc (Biotechnology)
3. DOB: 04-08-1981
4. Current Affiliation: Scientist C, AIIMS Jodhpur
5. Mobile number/Tel: +91- 9838825756,
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surajsy81@gmail.com

6. Educational Qualifications:

S.No	Educational qualification	Subjects	Percentage /CGPA	Institution	Year of passing
1	Ph.D	Dept of Pharmacology, Faculty of Medicine	NA	King George's Medical University, Lucknow, UP	October 2014
2	Master of Science	Biotechnology	8.23/10	Thapar Institute of Engg & Technology, Patiala, Punjab	2006

7. Details of employment:

S.No.	Employer/Institute/Department	Post Held	Period of work	Duties
1	All India Institute of Medical Sciences, Jodhpur, Rajasthan	Scientist C	15-11-2021 till Now	"Research & Administration" Centre of Excellence for Tribal Health & Research
2	National Innovation Foundation, Ahmedabad, Gujarat (An Autonomous Body of DST)	Sr Innovation Fellow/RA-III	01-03-2016 to 31-03-2021 (5 Years & 1 Month)	"Research & Management" 1. Pharmacological validation and value addition of herbal grassroots innovations 2. Management of Projects, Departmental incharge for research activities in North East 3. Implementation of DST schemes like INSPIRE MANAK FOIN, IGNITE Scheme etc
3	King George's Medical University, Lucknow, UP	Senior Research Fellow (SRF)	01-08-2014 to 15-02-2016 (1 Year & 6 Months)	"Research" Clinical & Molecular pharmacology

8. Ph.D Details:

Title: Studies on genetic variations and expression level of matrix metallo proteinases 1,2 and 9:
Susceptibility to the development of metabolic syndrome in North Indian population

9. Research Profile:

Publications: 29, Book Chapters: 4, Citations: 469, h-Index: 12, i10 Index: 13

Academic awards: GATE 2006, ICAR-NET 2010, EFSD International Research Fellowship 2015

Research Experience (Post PhD): 7 Years & 2 Months

10. Professional Affiliations:

- i. Membership (No. 350098) of European Association for the Study of Diabetes (EASD)
- ii. Membership (No. crd 000943) of The Asian Association for the Study of Diabetes (AASD)

11. International Research Fellowships awarded:

- i. Albert Renold Fellowship - 2015 by European Foundation for Study of Diabetes (EFSD) for research at Centre for Neuroscience and Cell Biology, Coimbra, Portugal (June 2015-January 2016).
- ii. International Travel research Grant (2017) by Asian Association for the Study of Diabetes (AASD), Japan.
- iii. International travel grant (2013) by Indian Council of Medical Research (ICMR), New Delhi

12. Clinical Trials & project handled:

- i: Comparative efficacy of metformin, pioglitazone and rosuvastatin in metabolic syndrome: A Randomized Clinical Trial (Trial Registration No. CTRI 201410005139,)- (Role: researcher)
- ii. Comparative efficacy of *Andrographis paniculata* and metformin to metformin monotherapy in glycemic control in newly diagnosed treatment naïve type 2 diabetic patients. CTRI-CTRI/2019/11/0021977 (Role: CO-PI & Researcher)

13. Extramural/Intramural Projects Supervised/Co-supervised:

- i. Co-supervisor in RSSDI funded project “Clinical significance of circulating secreted frizzled-related protein 5 (Sfrp5) and wingless-type MMTV integration site family member 5a (Wnt5a) levels in metabolic syndrome”. (Ref No. RSSDI/HQ/Grants/2017/ 253, 2017-18)
- ii. Co-supervisor in KGMU Medical Research Fellowship project entitled “Profiling of high risk dietary factors in Coronary Artery Disease” (Ref No. KGMU/VC/78, MBBS IIIrd Year)

14. Area of Interest:

Clinical research, Preclinical Pharmacology, Pharmacogenomics, Geriatric Medicine

15. Awards, Honors & Fellowships:

- i. Qualified National Eligibility Test (NET-ARS) 2010 for Lectureship.
- ii. Qualified Graduate Aptitude test in Engineering (GATE-2006) percentile 94.16.
- iii. Qualified All India DBT-JNU entrance examination for Post-graduation in Biotechnology conducted by the Department of Science & Technology, Government of India.

16. Conference/Workshop Participated:

- i. Presented paper (oral) at 9th scientific meeting of Asian Association for the study of Diabetes in Nagoya, Japan, 19-20 May 2017.
- ii. Participated (Oral/Poster) RBF- 7th International Symposium on “Advances in New Drug Discovery & Development”, February 2-4, 2015, Zydus Research Centre, Ahmedabad, India.
- iii. Attended Hands on workshop on “Basics of Flow Cytometry” at All India Institute of Medical Sciences, Jodhpur, Rajasthan India, 10 December 2014.
- iv. Presented Paper (Poster) in “UPAPICON 2013” at King George’s Medical University, Lucknow, India, 14-15 December 2013.
- v. Participated in “14th INDO-US workshop on Flow Cytometry” at SRMC, Chennai, India conducted by DBT-NCBS. 27-31 October 2013.
- vi. Participated (Poster presentation) in “2nd International Conference in Personalized Medicine-UPCP-2013” at Paris, France, 27-30 July, 2013.

vii. Participated (Oral presentation) in “2nd annual Biomarkers in Diagnostics & Therapeutics, Singapore” 25-26 April 2012.

17. Publications (Total Published 28, Abstract Published 2, Book Chapters 5)

1. **Yadav SS**, Singh MK, Dwivedi P, Hussain S, Khattri S, Singh K. Therapeutic Spectrum of Piperine for Clinical Practice: A Scoping Review. *Crit Rev Food Sci Nutr*. 2022 Jan 7:1-28. PMID: 34996326. **IF: 11.18**

2. **Yadav SS**, Hussain S, Dwivedi P, Khattri S, Sawlani KK, Usman K. Assesment of serum Sfrp5/Wnt-5a level and its utility in the risk stratification of treatment naïve patients with metabolic syndrome. *J Immunoassay Immunochem*. 2022 Jul 26:1-12. PMID: 35880703 **IF: 1.2**

3. Hussain S, **Yadav SS***, Dwivedi P, Banerjee M, Usman K, Nath R, Khattri S. SNPs of *FOXO1* and their interactions contributes to the enhanced risk of diabetes among elderly individuals. *DNA and Cell Biology*, 2022 41(4):381-89. (*equal authorship as First). PMID: 35325578, **IF: 3.55**

4. Hussain S, **Yadav SS***, Banerjee M, Usman K, Khattri S. Evaluation of the Effect of *FOXO3* rs13217795 Genotype and Minor Allele (C) on Clinical Chemistry and Genetic Risk of Diabetes Among the Elderly Individuals from Northern India. *Mol Syndromology* 2021, 13: 99-107. (*equal authorship as First). PMID: 35418822, **IF: 1.631**

5. Hussain S., Dwivedi K., **Yadav SS***, Usman K, Nath R, Khattri S. No Association Between a Genetic Variant of FOXO3 and Risk of Type 2 Diabetes Mellitus in the Elderly Population of North India. *Ind J Clin Biochem* 2021; 36 : 330 – 336. (*equal authorship as First). PMID: 34220008, IF: NA

6. **Yadav SS**, Singh MK, Singh PK, Kumar V. Traditional knowledge to clinical trials: A review on therapeutic actions of *Embolia officinalis*. *Biomedicine and Pharmacotherapy*; 2017; 93: 1292 - 1302. PMID : 28747010. **IF - 7.419**

7. **Yadav SS**, Mandal RK, Singh MK, Dwivedi P, Sethi R, Usman K, Khattri S. Cumulative risk of metabolic syndrome correlated with the coexistence of *MMP- 2 (- 1306 C/T)* and altered circulating *MMP - 2* level. *Exp Clin Endocrinol Diabetes*. 2016;124(6):380 - 4. PMID: 27219887. **IF: 2.426**

8. Jain A, **Yadav SS***, Dwivedi P, Katiyar DK, Usman K, Khattri S. Comparative evaluation of clinical and inflammatory factors in response to the pharmacological managements in metabolic syndrome. *Int j of Diabetes in Dev Countries*. 2016 ; 37(4):464 - 469 (*equal authorship as First). **IF: 0. 718**

9. Chauhan A, **Yadav SS***, Dwivedi P, Lal N, Usman K, Khattri S. Correlation of serum and salivary cytokines level with clinical parameters in metabolic syndrome with periodontitis. *J Clin Lab Anal*; 2016, 30(5):649 - 55 (*equal authorship as First). PMID: 26899213, **IF: 3.124**

10. **Yadav SS**, Mandal RK, Singh MK, Verma A, Dwivedi P, Sethi R, Usman K, Khattri S. High serum level of matrix metalloproteinase 9 and promoter polymorphism - 1562 C:T as a new risk factor for metabolic syndrome. *DNA and Cell Biology*. 2014 33(11):816 - 22 PMID: 25211325. **IF 3.55**

11. **Yadav SS**, Mandal RK, Singh MK, Usman K, Khattri S. Genetic Variants of Matrix Metalloproteinase (MMP) 2 Gene Influence Metabolic Syndrome Susceptibility. *Genet Test Mol Biomarkers*. 2014 ; 18(2):88 - 92 PMID: 24192303. IF: **1.795**.

12. **Yadav SS** , Singh MK, Dwivedi P, Mandal RK, Usman K, Pant KK, Khattri S. Significance of impaired serum Gelatinases activities in Metabolic Syndrome. *Toxicol Int* 2014; 21(1):107 - 11 PMID: 24748744 . **IF: NA**
13. **Yadav SS** , Garg MK, Prakash R, Prakash NT: Selenium Induced Protection against pyrene toxicity in Bacteria. *Env. informatics Archives* ;2007;5: 690 - 693. **IF: NA**
14. Dwivedi R, Dwivedi P, **Yadav SS**, Bohra G K, Bhardwaj A, Dutt N, et al. A community cross-sectional study on knowledge attitude and practice of prevention of COVID - 19 among traditional tribal healers in the tribal subpopulation zone of Sirohi district of Rajasthan . *Int J Community Med Public Health* 2022;9:1324 - 31. **IF: NA**
15. Singh MK, Dwivedi S, **Yadav SS** , Yadav RS, Khattri S. Anti-diabetic effect of *Emblica officinalis* (Amla) against arsenic induced metabolic disorder in Mice. *Ind J Clin Biochem* . 2020;35(2):179 - 187. PMID: 32226249. **IF: NA**
16. Hussain S, **Yadav SS** , Sawlani KK, Khattri S. Assessment of drug prescribing pattern using world health organization indicators in a tertiary care teaching hospital. *Indian J Public Health*. 2018;62(2):156 - 158. PMID: 29923544. **IF 2.219**
17. Hussain S, Sawlani KK, **Yadav SS** , Khattri S. A prospective assessment of antimicrobial agents utilization pattern in a tertiary care hospital. *Int J of Basic & Clinical Pharmacol* 2017; 6(1): 145 - 149. **IF: NA**
18. Rana H, **Yadav SS** , Reddy HD, Singhal S, Singh DK, Usman K. Comparative effect of insulin sensitizers and statin on metabolic profile and ultrasonographical score in Non Alcoholic Fatty Liver Disease. *J Clin Diagn Res* . 2016; 10 (8): 19 - 23. PMID: 27656480. **IF: NA**
19. Singh MK, **Yadav SS** , Yadav SS, Chauhan A, Katiyar D, Khattri S. Protective effect of *Emblica officinalis* in arsenic induced biochemical alteration and inflammation in mice. *Springer Plus*. 2015; 4: 438. PMID: 26312203, **IF 0.982**
20. Singh MK, **Yadav SS** , Gupta V, Khattri S. Immunomodulatory role of *Emblica officinalis* in arsenic induced oxidative damage and apoptosis in thymocytes of mice. *BMC Complement Altern Med*. 2013;13:193. PMID: 23889914. **IF: 3.659**
21. Singh MK, **Yadav SS** , Yadav RS, Singh US, Shukla Y, Pant KK, Khattri S. Efficacy of crude extract of *Emblica officinalis* (amla) in arsenic - induced oxidative damage and apoptosis in splenocytes of mice. *Toxicol Int*. 2014;21(1):8 - 17. PMID: 24748729. **IF: NA**
22. Singh MK, Dwivedi S, **Yadav SS** , Sharma P, Khattri S . Arsenic - Induced Hepatic Toxicity and Its Attenuation by Fruit Extract of *Emblica officinalis* (Amla) in Mice. *Indian J Clin Biochem*. 2014;29(1):29 - 37. PMID: 24478546. **IF: NA**
23. Mandal RK, **Yadav SS** , Panda AK. Meta - analysis on the association of nucleotide excision repair gene XPD A751C variant and cancer susceptibility among Indian population. *Mol Biol Rep*. 2014;41(2):713 - 9 PMID: 24362511. **IF: 2.316**
24. Mandal RK, **Yadav SS** , Panda AK. No evidence of correlation between p53 codon 72 G > C gene polymorphism and cancer risk in Indian population: a meta - analysis. *Tumour Biol*. 2014; 35(9):8607 - 13. PMID: 24863946 . **IF: 3.650**

25. Mandal RK, **Yadav SS**, Panda AK, Khattri S. Insertion/deletion polymorphism of the ACE gene increased risk of Behcet disease: evidence from a meta - analysis. *Ann Saudi Med.* 2013 ;33(5):437 - 42. PMID: 24188936. **IF: 2.044**

26. Mandal RK, **Yadav SS**, Panda AK, Khattri S. Vascular endothelial growth factor 936 c>T polymorphism in creased oral cancer risk: evidence from a meta - analysis . *Genet Test Mol Biomarkers* 2013;17(7):543 - 47 . PMID: 23586368. **IF: 1.795**

27. Singh MK, Katiyar D, **Yadav SS**, Gupta V, Khattri S Antioxidant role of fruit extract of *Embolica officinalis* (amala) against arsenic induced renal - toxicity in mice. *Annals of Ayurvedic Medicine* 2013; 2(3):61 - 71 . IF NA

28. Dwivedi P, Pandey BL, Singh SK, **Yadav SS**, Khattri S. Therapeutic Review of Metformin and Sulfonylureas Regimen for Protection of Cardiac Autonomic Neuropathy in Type 2 Diabetes Mellitus. *Journal of Clinical and Preventive Cardiology* 2013; 4: 178 - 84 . IF: NA.

29. Bhengraj AR, Srivastava P, Vardhan H, **Yadav SS**, Singh L C, Mittal A: Study on Survival of Chlamydia trachomatis in the Presence of antichlamydial Drugs. *American Journal of Infectious Diseases* 2012;8(1):5 - 12 . IF: NA.

2. Abstract published (International Journals - 2) :

1. **Yadav SS**, Singh PK, Singh MK, Usman K, Khattri S. Clinical prospects of altered mRNA expression levels of matrix metalloproteinases 1, 2 and 9 in metabolic syndrome. 2017, *Journal of Diabetes Investigations* ; 8(1): 34. **IF - 4.232**

2. Siddique KU, **Yadav SS**, Rastogi P, Tiwari SC. A study of Diabetes care and its complications in the Geriatric population of North India: A hospital based study. *Journal of the American Geriatrics Society* 65, S69 - S70. **IF 5.562**

3. Book Chapters :

1. Dwivedi S, **Yadav SS**, Singh MK, Shukla S, Khattri S, Pant KK; Pharmacogenomics of Viral diseases. *Omics for personalized medicine.* 2013 (Chapter 28; Metabolic Disorders), Publisher: Springer Page: 637 - 676

2. Usman K, **Yadav SS**, Chaudhary SC, Chauhan S. Palliative care for the elderly patients . (*Chapter 306, Geriatrics*). Medicine Update- Association of Physicians of India 2019 : Publisher: Jaypee Brothers Medical Publisher

3. Usman K, SS Yadav, Sawlani KK, Gupta KK. Anti-aging Medicine, (*Chapter 3, Medicine*) Medicine Update- Association of Physicians of India, 2020: Publisher: Jaypee Brothers Medical Publisher

4. Usman K, SS Yadav, Rizvi A, Singh A. Balance, Gait and Fall in elderly (*Chapter 23, Geriatrics*). Medicine Update - Association of Physicians of India 2021. Publisher: Jaypee Brothers Medical Publisher

5. Usman K, SS Yadav, Rizvi A. Delirium in elderly. (*Chapter 143, Geriatric Medicine*), Medicine Update -Association of Physicians of India 2022. Publisher: Jaypee Brothers Medical Publisher

17. Personal Details:

Father's name: Dr U.S Yadav, Nationality: Indian, Sex: Male, Marital status: Married

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18. References:

Name/Designation/Address	Tel. No./Mobile No./Email
Prof. Sanjay Khattri Professor, Department of Pharmacology & Therapeutics, King George's Medical University, Lucknow, 226003, India	+91-9415008055 drskhattri@gmail.com
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Declaration:

I hereby declare that information provided above are true and correct.

Place: Jodhpur

Date: 24-08-2022


Signature: