

RESEARCH PUBLICATIONS

I. Department of Anatomy

1. Dr. Arpita Mahajan, Assistant Professor, Anatomy presented a paper in NATCON 66 held at AIIMS Rishikesh in Nov 2018
Topic: Morphometric Analysis of Infraorbital Foramen as its clinical relevance in dry north Indian Skulls.
2. Dr. Shalini Kumar, Associate Professor, Department of Anatomy is undergoing Advance Course in Medical Education (ACME) from CMC, Ludhiana. She has done a project as a requirement for this course. The title of the project is "Introduction of Vertical Integration for topics of Applied Anatomy in first year MBBS students". She presented this project in 2nd contact session at CMC, Ludhiana 26th to 28th April 2019.
3. Dr. Arpita Mahajan presented a paper entitled "Relationship Of Cephalic Vein to the superficial branch of Radial Nerve in the forearm & its importance during Venepuncture.
4. Dr Priyanka Rana P.G student presented a poster on Sciatic Nerve Variation.

II. Department of Physiology

1. **Gautam S**, Singh K, Garg R. Evaluation of academic stress and its effect on visual reaction time in undergraduate medical students. J of Med Sci and Res 2018;6(5):388-391.
2. **Gautam S**, Garg R, Tripathi Y. A study of distribution and prevalence of anaemia in school going children of Ghaziabad. J of Med Sci and Res 2018;6(13):1170-74.

III. Department of Biochemistry

1. **Chandra K**, Khan W, Jetley S, Ahmad S, **Jain SK**. Antidiabetic, toxicological, and metabolomic profiling of aqueous extract of *Cichorium intybus* seeds. *Phcog Mag* **2018**; 14:377-83. https://doi.org/10.4103/pm.pm_583_17.
2. **Chandra K**. and Iqbal J. Protein carbonylation in freshly diagnosed hypothyroidism is independent of thyrotropin levels. J Lab Med **2018**. <https://doi.org/10.1515/labmed-2018-0052>.

3. Balyan K[#], Sharma P[#], **Chandra K**, Agarwal S, and Jain SK. Oxidative stress is independent factor for end-stage renal disease in type 2 diabetes mellitus patients. *Annals of National Academy of Medical Sciences* (*in press*).
4. * Khawal S, Naqvi SH, Monga S, **Jain SK** and Wajid S (2018) Assessment of cellular and serum proteome from tongue squamous cell carcinoma patient lacking addictivproclivities for tobacco, betelnut and alcohol: Case study. **Journ Cell Biochem.** Doi:10.1002/jcb.26554
5. Waziri F, Vijayan R, Sahar T, Anwar S, Gourinath S, **Jain SK** and Wajid S (2018) In silico elucidation of novel anticancer lead molecules targeting human prostate specific gene-1 protein. **J Biomolec. Structure Dynamics** doi.org/10.1080/07391102.2018.1477623.
6. * Hora S, Shaglouf LHS, Misra S, **Jain SK** and Katare DP (2018) Identification of diagnostic biomarker for HCC: A proteomic approach. **Asian J Pharmaceut.** 12, S202-S207.
7. * Ranjpour M, Katare DP, Wajid S and **Jain SK** (2018) HCC specific protein network involving interactions of EGFR with A-Raf and transthyretin: Experimental analysis and computational biology correlates. **Anti-Cancer Agents Med. Chem.** DOI:10.2174/18715206186661805.07141632.
8. * Ranjpour M, Wajid S and **Jain SK** (2018). Elevated expression of A-Raf and FA2H in hepatocellular carcinoma is associated with lipid metabolism dysregulation and cancer progression. **Anti-Cancer Agents Med. Chem.** DOI:10.2174/1871520618666181015142810.
9. * Ranjpour M, Wajid S and **Jain SK** (2019) Cancer stem cells: Implication in primary Hepatocellular carcinoma. **J. Mol Biol Therap.** (In Press)
10. * Ranjpour M, Wajid S and **Jain SK** (2019) Elevated expression of cytosolic phospholipase A2 delta is associated with lipid metabolism dysregulation during hepatocellular carcinoma progression. **Cell J** (Yakhteh) (In Press).
11. * Waziri F, Nigam A, **Jain SK** and Wajid S (2019) Interactome analysis of differentially expressed proteins in uterine leiomyoma. **Anti-Cancer Agents Med. Chem.** (In Press)
12. Balyan K, Sharma P, Chandra K, Agarwal S and **Jain SK** (2019) Oxidative stress is independent factor for end-stage renal disease in type 2 diabetes mellitus patients. **Ann Natl Acad Med Sciences** (In Press)

13. Methylglyoxal Modified DNA: A Possible Trigger in the Pathophysiology of Diabetes Mellitus. (Original Article). **Sana Alam**, Aditya Verma, Akif Ahsan, Sarita Agarwal. *BioChemistry: An Indian Journal* .2018;12(2):129
14. Feedback of Second-Year Medical Students on Existing Teaching Methodology in Pharmacology: A Questionnaire-Based Study (Original Article). **Sana Alam**, Zenis Baluja, Nusrat Nabi. ***International Archives of BioMedical and Clinical Research (IABCR)*** has been provisionally accepted for publication as Original Research Article in the forthcoming issue (Jan - Mar Vol 5 Issue 1 2019).
15. Bedi N, Kumar CM, **Singh S**. A study of neonatal hyperbilirubinemia from a tertiary care hospital in Northern India. *Indian J Child Health*. Vol 5 | Issue 12 | December 2018.
16. Chandra K, Singh P, Dwivedi S, Jain SK. Diabetes mellitus and oxidative stress: A co-relative and therapeutic approach. *Journal of Clinical and Diagnostic Research*. 2019; 13(5): 7-12.

Book Chapter

1. Chaudhary N and **Jain SK** (2018) Cancer Proteomics: Biomarkers for lung cancer. In ***Molecular Medicine: Bench to Bedside and Beyond***. (SK Gupta and NK Lohiya Ed.), Indian Society for the Study of Reproduction and Fertility Publication. Pp 198-207.

Papers presented in Conferences/ Symposia

1. **Chandra K**, Agarwal S and **Jain SK** (2018) Association of 25-hydroxy vitamin D3 level and glycemic status in type 2 diabetes mellitus. Paper presented in International Conference on **Recent Advances in Food Fortification with Emphasis on Vitamin D Deficiency in Human Health**, Jamia Hamdard. Abstract book pp40.
2. * Ranjpour M and **Jain SK** (2018) Interrelationship among MAPK signaling pathway and lipid metabolism in hepatocellular carcinoma. In **21st World Congress on Radiology and Cancer Research**. *J. Clin. Exp. Oncol* 7, 52. DOI:10.4172/2324-9110-C4-017.
3. * Ranjpour M , Aghmiouni MR and **Jain SK** (2018) Elevated expression of cytosolic phospholipase A₂ delta is associated with hepatocellular carcinoma progression: Animal study validated with sera of liver cancer patients. In **21st European Biotechnology Congress**. *J Biotechnolo Biomater* 8, 34. DOI:10.4172/2155-952X-C5-100.
4. * Rashid N, Nigam A, **Jain SK** and Wajid S (2018) Altered endometrial receptivity in infertile females with polycystic ovarian syndrome (PCOS) as compared to fertile counterparts: Analogy of protein expression profile. Paper presented in **Annual**

Meeting of European Society of Human Reproduction & Embryology. Human Reprod. 33, i458.

5. Upadhyay B, Dwivedi S, Wajid S and Jain SK (2019) Smoked and smokeless tobacco: Effect on blood sugar, renal and liver function tests, lipid profile, inflammatory and oxidative stress markers in type 2 diabetic subjects. Paper presented in Emerging Trends in Disease Model Systems. Abstract P08, pp40-41.
6. Chandra K, Ahmad S, Alam O and Jain, SK (2019) Molecular docking studies on metabolites of Cichorium intybus against Glut4 receptors involved in diabetes mellitus. Paper presented in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp83.
7. *Asad M, Wajid S, Katare DP and Jain SK (2019) Role of upregulated proteins in lung cancer progression. Paper presented in National Conference on Trends in Biochemical and Biomedical Sciences. Abstract P-55, pp109.
8. *Tahreem S, Nigam A, Anjum S, Waziri F, Biswas S, Jain SK and Wajid S (2019) Interactome analysis of the differentially expressed proteins in uterine leiomyoma. Paper presented in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp95-96.
9. *Fazilat A, Rashid N, Nigam A, Anjum S, Gupta N, Jain SK and Wajid S (2019) Differential expression of MARK4 protein and related perturbation in females with ovulatory PCOS. Paper presented in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp99.
10. *Upadhyay B, Wajid S, Dwivedi S and Jain SK (2019) Saliviomics: Proteomic analysis of whole human saliva of tobacco users using high throughput nano LCMS/MS. Paper presented in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp100.
11. *Shaglouf Laila HF, Wajid S and Jain SK (2019) Elevated expression of HCC associated proteins and their regulatory role in its progression. Paper presented in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp102.
12. *Asad M, Wajid S, Katare DP and Jain SK (2019) Pathophysiological regulation of lung cancer development. Paper presented in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp106.
13. *Jain SK. Genomics and proteomics based biomarkers for cancer diagnosis. Invited talk in National Seminar on Biotechnology Research in India: Current Status and Future Prospects. Pp87-88.

14. Ahmad F., Alam S. Glycated albumin as a surrogate marker for detecting Pre-diabetes. Presented a poster in the National Conference NATCON, 2019 held at JNMC, Aligarh Muslim University, Aligarh, UP. PP-79
15. Chandra K., Ahmad S., Agarwal S., Jain SK. Plasma fatty acid: Role in type 2 diabetes mellitus and potential as drug targets. Paper presented in 8th Annual CME on clinical Biochemistry-2019; The Laboratory and diabetes mellitus- New challenges, new concepts, new measures organized by Department of Biochemistry, Sir Ganga Ram Hospital, New Delhi and Association of Clinical Biochemist of India-Delhi Chapter dated 25th April, 2019.
16. Prof. S. K. Jain, Emeritus professor Biochemistry appointed as 'Editor in Chief' of American Journal of Biochemistry and Molecular Biology (eISSN: 2150-4253, pISSN: 2150-4210).
17. Dr Kailash Chandra appointed as the Reviewer in Journal of Diabetes (IF- 3.3)
18. Chandra K, Ahmad S, Jain SK. Cichorium intybus: A potential herbal plant for type 2 diabetes mellitus. Paper presented during 7 th International Congress of the Society for Ethnopharmacology, India (SFEC-2020) at New Delhi, India (February 15-17, 2020) (JH/SFEC2020/PKD11).
19. Sigh S., Modi M, Yaseen H and Chandra K. The role of flax seeds in prevention and management of life style disorders: A review. Paper presented during 7 th International Congress of the Society for Ethnopharmacology, India (SFEC-2020) at New Delhi, India (February 15-17, 2020) JH/SFEC2020/PP249.
20. Shrivastava C., Barjatiya L and Chandra K. The role of Withania somnifera in the management of Parkinson disease: A review. Paper presented during 7 th International Congress of the Society for Ethnopharmacology, India (SFEC-2020) at New Delhi, India (February 15-17, 2020). JH/SFEC2020/PP453.
21. Kumar P., Kumar A., and Chandra K. Herbal medicine for the treatment of cardiovascular disease: A review. Paper presented during 7 th International Congress of the Society for Ethnopharmacology, India (SFEC-2020) at New Delhi, India (February 15-17, 2020). JH/SFEC2020/PP501.

IV. Department of Pathology

1. Sabina Khan, Mohd. Jaseem Hassan, Musharraf Hussain, Sujata Jetley. Video projected practical examination as an introducing formative assessment tool for undergraduate examination in pathology. *Indian Journal of Pathology and Microbiology* 2019;62:79-83.
2. Devyani Pendharkar, Mohammad Jaseem Hassan, Sabina Khan, Shaan Khetrapal, Nehal Ahmad, Sujata Jetley. Cyto-diagnosis and Management of Bacille-Calmette-Guerin (BCG) induced Lymphadenitis in Infants. *Indian Journal of Pathology and Oncology* 2019;6(1):63-66.

3. Jyotsana Harit Gaur, Mohd. Jaseem Hassan, Arifa Anwar Elahi, Shaan Khetrapal, Sabina Khan, Sujata Jetley. Synchronous Benign Brenner Tumor of Ovary with Leiomyoma and Endometrial Adenocarcinoma in a Postmenopausal Female. *Journal of Cancer Research and Therapeutics* (Published online ahead of Print) DOI: 10.4103/jcrt.JCRT_109_18
4. Zeeba S Jairajpuri, Safia Rana, Shaan Khetrapal, Pooja Arora, Sujata Jetley. Cutaneous Amyloidosis: A Pilot Study at A Teaching Hospital in New Delhi. *Journal of Medicine* 2018;19:35-39.
5. Mukta Pujani, Mohd Jaseem Hassan, Sabina Khan, Sujata Jetley. Isolated lingual cysticercosis: A rare case diagnosed on cytology. *Diagnostic Cytopathology* 2018;46(3);277-279.
6. Mohammad Jaseem Hassan, Monika Sharma, Shaan Khetrapal, Sabina Khan, Sujata Jatley. Cytological diagnosis of crystallizing galactocoele- report of an unusual case. *Breast Disease* 2018;37(3):159-161. [SJR 2017- 0.28]
7. Mukta Pujani, Mohd Jaseem Hassan, Sujata Jetley, Zeeba S. Jairajpuri, Sabina Khan, Safia Rana, Aruna Nigam. A critical appraisal of the spectrum of polypoidal lesions of uterus: A pathologists' perspective. *Al Ameen J Med Sc i* 2018;11(1):35-41.
8. Nehal Ahmad, Mohd. Jaseem Hassan, Shaan Khetrapal Modi, Sabina Khan, Sujata Jetley. Infarcted Fibroadenoma: An unusual case with its Cyto-histopathological correlation. *Annals of Pathology and Laboratory Medicine* 2018;5(9):C134-C136.
9. Akansha Bajaj, Mohd. Jaseem Hassan, Sabina Khan, Nehal Ahmad, Sujata Jetley. Bilateral Mature Cystic Teratoma of Ovary: A rare case presentation. *Indian Journal of Pathology and Oncology* 2018;5(4):692-694.
10. Jairajpuri ZS, Jetley S, Rana S, Khetrapal S, Khan S, Hassan MJ. Diagnostic challenges of tubercular lesions of breast. *J Lab Physicians* 2018;10:179-84.
11. Ahmad N, Hassan MJ, Jairajpuri ZS, Khan S, Naz R, Jetley S. Cytomorphological diagnosis of pilomatricoma in an unusual location. *Pathology Update-Trop J Path Micro* 2018;4(2):153-157.

12. Pujani M, Hassan MJ, Rana S, Jetley S. Atypical Leiomyoma: a rare histologic variant - A Diagnostic Challenge. *Bangladesh Journal of Medical Science* 2018;17(3):511-514.
13. Safia R, Jairajpuri ZS, Khetrpal S, Hassan MJ, Gupta M, Jetley S. An analysis of NESTROFT and Red cell indices in evaluating antenatal mothers for Beta Thalassemia trait. *Bangladesh Journal of Medical Science* 2018;17(3):411-416.
14. Monal Trisal, Mohammad Jaseem Hassan, Safia Rana, Rubeena Naz Mohroo, Sujata Jetley. Fibroadenoma arising in accessory breast tissue of the axilla: A rare case report. *IP Archives of Cytology and Histopathology Research* 2018;3(2):105-106.
15. Shivani Panhotra, Sabina Khan, Mohd Jaseem Hassan, Abhinav Jain, Sujata Jetley. Cytodiagnosis of Chondrosarcomatous Transformation in a patient with Multiple Osteochondromas. *Indian Journal of Pathology: Research and Practice* 2018;7(8):753-756 .
16. Clinicopathologic Review of Primary Synchronous tumors of Endometrium & Ovary: What is different? Neha Varun, Aruna Nigam, Sabina Khan, Abhinav Jain, Reva Tripathi. *Pan Asian Journal of Obstetrics & Gynecology* 2018; 1(2): 97-100.
17. Jairajpuri ZS, Rana S, Hajela A, Jetley S. Toward early diagnosis of oral cancer: Diagnostic utility of cytomorphological features, a pilot study. *Natl J Maxillofac Surg* 2019;10:20-6.
18. Pendharkar D, Hassan MJ, Khan S, Khetrpal S, Ahmad N, Jetley S. Cytological diagnosis and management of Bacille-Calmette-Guerin (BCG) induced lymphadenitis in infants. *Indian J PatholOncol* 2019;6(1):63-66.
19. Khan S, Pujani M, Jetley S, Kohli S. Coexistent Erythema Nodosum Leprosum with Tubercular lymphadenitis in an Immunocompetent Individual: An Unusual Association. *Indian Journal of Pathology: Research and Practice* 8(3), 351-54; 2019.
20. Pendharkar D, Khetrpal S, Jairajpuri ZS, Rana S, Jetley S. Pancreatic and gastric heterotopia in the gallbladder: A rare incidental finding. *Int J App Basic Med Res* 2019;9:115-7.
21. Shaan Khetrpal, Samarth Shukla, Safia Rana, Zeeba S Jairajpuri, Sourya Acharya. Utility of Rapid urease test in diagnosis of Helicobacter pylori infection. *International Journal of Medical Science and Clinical Invention* 6(4): 4417-4422, 2019.

22. N Ahmad, M J Hassan, S Khan, Z S Jairajpuri, S Jetley. Histopathological Spectrum of Ovarian Lesion in a Tertiary Care Hospital over a Period of Five years . Saudi J Pathol Microbiol. 2019; 4(11): 868-874
23. S Rana, NM Walvir, Shaan Khetrpal, S Jetley, ZS Jairajpuri. Study of Basal Cell Carcinoma and Its Morphological Spectrum. Scholars Journal of Applied Medical Sciences 2019; 7(11): 3718-3723
24. Safia R, Tabish M, Zeeba JS, Sujata J, Shaan K, Kumar CM. Clinicohematological profile of acute febrile illness: Experiences in a hospital catering to semi-urban pediatric population of Delhi. Indian J Child Health. 2019; November 10 [Epub ahead of print].
25. M Trisal, S Khan, MJ Hasan, S Jetley, I Abeer. Cytomorphological evaluation of Cutaneous and Subcutaneous masses: A seven year study from a tertiary care centre in Delhi. IP Journal of Diagnostic Pathology and Oncology. 2019; 4(4)
26. Oral paper presentations by Final year Post graduate students of Pathology Department at the National Cytology Conference CYTOCON -2019 at PGI, Chandigarh:
 - (A) Fine needle aspiration cytology of Pilomatrixoma and its diagnostic pitfalls- A series of 18 cases. by Dr Inara Abeer
 - (B) A study of fine needle aspiration cytology: Pathological spectrum of head and neck lesions and its utility in clinical diagnosis. by Dr Nazia Walvir
 - (C) Cytological diagnosis of Tubercular Mastitis: A case series. by Dr Beenish Sultan

V. **Department of Microbiology**

1. Priya Prasad, Namita Singh, Banashree Das, Sheikh Raisuddin, **Mridu Dudeja & Sangita Rastogi** (2018): Cytokine-induced expression of nitric oxide synthases in Chlamydia trachomatis-infected spontaneous aborters, The Journal of Maternal-Fetal & Neonatal Medicine. <https://doi.org/10.1080/14767058.2018.1465914>
2. **Tewari R**, Chopra D, Wazahat R, Dhingra S, **Dudeja M**. Antimicrobial susceptibility patterns of an emerging multidrug resistant nosocomial pathogen: Acinetobacter baumannii. Malays J Med Sci. 2018;25(3):129– 134.
3. Hassan N, Singh M, Sulaiman S, Jain P, Sharma K, Nandy S, Dudeja M, Ali A, and Iqbal Z. Molecular Docking-Guided Ungual Drug-Delivery Design for Amelioration of Onychomycosis. ACS Omega 2019; 4: 9583–9592

VI. Department of Pharmacology

1. Dubey H, Gulati K, Ray A. Effects of s-nitrosoglutathione (NO donor) on Intracerebro-ventricularstreptozotocin induced neurobehavioral and biochemical changes in rats. *NeuroToxicol* 2018: 6658-65.
2. Dubey H, Gulati K, Ray A. Recent studies on cellular and molecular mechanisms in Alzheimer's disease: Focus on epigenetic factors and histone deacetylase. *Rev. Neurosci.* 2018;29 (3): 241-60.
3. Gulati K, Thockchom S. Thakur T, Ray A. Dendritic cells and immunomodulation: role in health and disease, *Curr Immunol Rev* 2018;13(2):132-43.
4. Pal R, Gulati K, Banerji BD, Ray A. Protective effects of melatonin in endosulfan-induced immunomodulation and their association with oxidative stress markers in rats. *Indian J Exp Biol* 2018;56:725-33.
5. Chaudhary S, Gulati K, Rai N, Ray A. Anti-inflammatory and Immunomodulatory Effects of *Albizialebbeckin* Experimental Model of Bronchial Asthma. *Indian J Chest Dis All Sci* 2018;60:147-52.
6. Thokchom SK, Gulati K, Ray A, Bala Krishnan Menon, Rajkumar. Effects of yogic intervention on pulmonary functions and health status in patients of COPD and the possible mechanisms *Comp Therap Clin Prac* 2018;33:20-26.
7. Gulati K, Rai N, Naqvi M, Ray A. Protective Role of Herbal Drugs against Stress Induced Immunosuppressionand the Possible Mechanism. *EC Psychol Psychiat.* 2018;7(7):370-76.
8. Baluja Z, Nabi N, Ray A. Challenges in Antimicrobial Resistance: An Update. *EC Pharmacol Toxicol.* 2018;6(9): 865-77.
9. Gulati K, Rai N, Ray A. Status of Research in Respiratory Pharmacology in India During the Last Five Years (2012-2017). *Proc Indian Natn Sci Acad* 2018;84: 55-72.
10. Ray A, Gulati K, Thokchom SK, Rai N. Immunopharmacology Research Including Vaccines in India (2012-2017). *Proc Indian Natn Sci Acad.* 2018;84:169-83.
11. Gulati K, Reshi MR, Rai N, Ray A. Hepatotoxicity: Its Mechanisms, Experimental Evaluation and Protective Strategies. *Am J Pharmacol.* 2018;1(1):1004-12.
12. Singh A, Gulati K, Chhabra SK, Dubey H, Kalaiselvan V, Ray A. Aggravation of Seizure after Combined Nebulisation with Albuterol and Ipratropium Bromide. *J. Pharmacol. Clin Res.* 2018;6(2):1-2.

13. Habib A, Ahmad R. Role of systemic inflammatory response syndrome (SIRS) in the diagnosis and management of septicemia. A prospective study in an apex hospital in south Delhi. (Communicated), *Journal of pharmacology & pharmacotherapeutic*. Indexed in Scopus, Index Copernicus (ICV-79).
14. Habib A, Ahmad R. Antimicrobial utilization pattern in patients with suspected or confirmed septicemia- a prospective study in an apex hospital in south Delhi. (Accepted), *IJBOP*, 2019, March Vol-2 (6).Indexed in Index Copernicus (ICV-90.02)
15. Habib A, Ahmad R. Prevalence of associated psychosomatic symptoms in patients of Irritable bowel syndrome. (accepted) *Int J Adv Med*. 2018, Dec;5 (6):1515-1520. Indexed in ScopeMed, Index Copernicus (ICV-80)
16. Mukherjee S, Saha N. Correlation of Recommendations of Treatment Guidelines and Frequently Prescribed Antibiotics: Evaluation of Their Pharmaceutical Pack size. *Basic & Clinical Pharmacology & Toxicology* 2018; 122, 317– 21.
17. Dabral S, Mukherjee S, Saha N, Manjavkar S, Kohli S. A Survey of Fasting Practices and Effect of Intervention on Diabetes Control During Ramadan Fast: A study in New Delhi. *National Medical Journal of India*- Accepted.
18. Kauser H, Chopra D, Mukherjee S, Mohan P. Pharmacoepidemiological Observational Study of Antimicrobial Use in Outpatients of Ophthalmology Department in North Indian Population. *Journal of Pharmacy and Bioallied Sciences* 2018; 10 (2): 72- 6.
19. Mehra N, Khanna A, Rajesh, Dabas P, Pragati, Mukherjee S. Ketamine Pre-treatment to Alleviate the Pain of Propofol Injection - A Prospective, Double-blind, Randomized, Placebo, Controlled Study. *International Journal of Scientific Study* 2017; 5(4): 257- 63.
20. Alam. S, Baluja. Z, Nabi. N. Feedback of Second-Year Medical Students on Existing Teaching Methodology in Pharmacology: A Questionnaire Based Study.(accepted in *Int Arch BioMedClin Res*)
21. Nabi N, Baluja Z, Mukherjee S, Saha N. Trends in Practices of Self-Medication with Antibiotics among Medical Undergraduates in India. (*J Pharm Bioall Sci*; in process)
22. Baluja Z, Nabi N, Ray A. Challenges in Antimicrobial Resistance: An Update. *EC Pharmacology and Toxicology* 6.9 (2018):865-877.
23. Nabi N, Agarwal R, Nigam N, Pranjal P. Assessment of Adherence to Cardiovascular Medicines in Rural Population Attending a Tertiary Care Teaching Hospital. *World Jr Pharmaceut Research*. 2018; 7(17): 1268-1278.

24. Nabi N, Gupta S, Naikoo NN, Mukhopadhyay H. A Study on Knowledge, Attitude and Perception about Antibiotic Prescribing Among Undergraduates in a Teaching Hospital. Indian Jr of Applied Research.2018 August;8(8):69-71
25. Nabi N, Gupta S, Naikoo NN, Mukhopadhyay H. Comparison of efficacy and tolerability of immediate release glucosamine HCL and glucosamine HCL sustained release formulation in the treatment of knee osteoarthritis: A randomised clinical trial. Int Arch BioMedClin Res. 2018;4(3):54-58.
26. Nabi N, Nigam N, Kumar B, Pranjali P, Naikoo NN. Lower Urinary Tract Symptoms (LUTS) A Public Health Menace: A Study on Association of Recurrent Urinary Tract Infection with Chronic Bacterial Prostatitis in Indian Men. Paripex Indian Jr of Research. 2018 May;7(5):109-111
27. Nabi N, Nigam N, Pranjali P, Naikoo NN, Mukhopadhyay H. A randomized comparative study on efficacy and safety profile of ivabradine and ranolazine, in patients of chronic stable angina pectoris. Int. Arch BioMedClin Res.2018;4(2):128-132
28. Nabi N, Baluja Z, Mukherjee S, Saha N. Trends in Practices of Self-Medication with Antibiotics among Medical Undergraduates in India. (J Pharm Bioall Sci; in process)
29. Baluja Z, Nabi N, Ray A. Challenges in Antimicrobial Resistance: An Update. EC Pharmacology and Toxicology 6.9 (2018):865-877.
30. Alam S, Baluja Z, Nabi N. Feedback of Second Year Medical Students on Existing Teaching Methodology in Pharmacology: A Questionnaire Based Study. Int Arch BioMed Clin Res. 2019,5(1):42-45.
31. Baluja Z, Rehman S. Medicinal & Pharmacological properties of Turmeric (Curcuma longa):The golden spice of India. Paripex – Indian Journal of Research. (Accepted)
32. Rehman S, Habib A, Khan S. Haematological Profile of Chronic renal disease Patients on antihypertensive medications undergoing hemodialysis. Glob J Res Ana .2019;8(4), 187-189.
33. Rehman S, Baluja Z. Role of yoga therapy in migraine - a brief review. Paripex - Indian journal of Research

Details of important funded research projects:

| S.No | Name of PI | Research Title | Funding agency | Amount sanctioned | Time/ Duration |
|-------------|--------------------|---|-----------------------|--------------------------|-----------------------|
| 1. | Prof. Arunabha Ray | Drug-loaded magnetic-nanoscale metal-organic frameworks (M- | DST funded | 15 lakhs | 2017-ongoing |

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| | | NMOFs) for applications in targeted drug delivery and light-activated therapy (DST funded, 2017 – ongoing) – 15.0 lakhs – as Co. P.I. | | | |
| 2. | Prof. Arunabha Ray | Multifunctional Nanoparticles in Cancer Therapy (India-UK, UKIERI-UGC collaborative) research project (2017 – ongoing) – as Co P.I. | India-UK, UKIERI-UGC collaborative | | 2017-ongoing |
| 3. | Prof. Arunabha Ray | Experimental studies on the immunomodulatory and hepatoprotective effects of Dawa-UI-Kurkum, a polyherbalUnani preparation, and its cellular and molecular mechanisms in rats (CCRUM funded, Rs. 61.0 lakhs, 2017 – ongoing) – as Co-P.I. | CCRUM funded | 61 lakhs | 2017-ongoing |
| 4. | Prof. Arunabha Ray | Advanced Centre for Translational Research in Ayurvedic and Unani medicinal preparations in Respiratory and Allied Disorders – by Indian Council of Medical Research (ICMR) in 2018 – as P.I. | ICMR funded (ongoing) | 39.0 lakhs | 2 years; 2018 -2020 |

1. Farzana Islam, Rambha Pathak, Sushovan Roy, Rashmi Agarwalla, Meely Panda, Arup Deb Roy. 'Assessment of Vaccine Wastage in primary health care settings of South Delhi'. International Journal of Scientific Research. 2018; Vol 7: [5]
2. Roy S, Islam F. "Prevalence of Psychiatric Disorders in Undergraduate Medical Students of a College in New Delhi" Indian Journal of Applied Research. 2018; Vol 8, No 10
3. R Pathak, R Agarwalla, D Pathania." Assessment of metabolic syndrome and health related quality of life in community dwellers: A cross sectional study from North India." Indian Journal of Medical Specialties 9 (1), 15-19
4. R Agarwalla, R Pathak, M Singh, F Islam, M Parashar. "Effectiveness of awareness package on occupational health hazards among rag pickers of New Delhi, India" Indian journal of occupational and environmental medicine 21 (2), 89
5. A Vashisht, R Pathak, R Agarwalla, BN Patavegar, Panda M. School absenteeism during menstruation amongst adolescent girls in Delhi, India. Journal of Family and Community Medicine. 25 (3), 163
6. Varun Kashyap. A General Queuing Model with Arbitrary Service Time Distribution. Journal of Emerging Technologies and Innovative Research. 2018. ISSN: 2349-5162
7. Varun Kashyap. Queuing Model with Arbitrary Service Time Distribution. International Journal of Recent Scientific Research. 2018. ISSN: 0976-3031
8. Rasheed N, Khan Z, Khalique N, Pathak R. Women's Attitude for a Male Offspring and Related Family Planning Practices. Natl J Community Med 2018; 8 (12):718-720
9. Shaikh, Zakirhusain, "Transgender-friendly Medical Colleges and Hospitals: a Dream Worth Chasing." The Indian Practitioner 71.12 (2018): 33-35.
10. "Legal and Ethical Considerations in Posting Clinical Images on Social Media", Published in the journal Research in Humanities in Medical Education, March 2019
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By Dr. Zakirhusain Shaikh

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IX. Department of ENT

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XIV. Department of Anesthesia

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XV. Department of Psychiatry

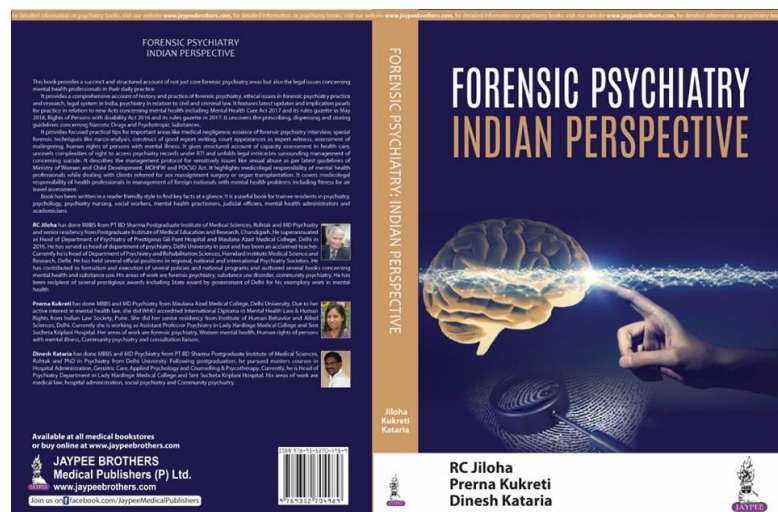
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Research Publications presented in conferences during last one year

1. Mental Healthcare Act 2017. Presented in a CME program organized by Delhi Judicial Academy at Delhi Law University Dwarka on 5th May 2018.
2. A critical review of Mental Healthcare Act 2017. A paper presented in Haryana Rural Psychiatric Society held at HIPA Gurgaon in June 2018
3. Clinical application of Forensic Psychiatry. Paper presented in 18th PG development program at Surajkund organized by Indian Psychiatric Society on 30th June 2018.
4. Forensic Psychiatry in special reference to Child and adolescent mental health. Paper presented at hotel Rose Petal Srinagar in a CME organized by J &K Psychiatric Society on 12.9.18
5. Mental healthcare Act: Social relevance. A paper Presented at 3rd Annual Conference of Haryana Psychiatric Society held at Hotel Jewel's Karnal (Haryana) on 30th September 2018
6. Under-diagnosed Depression in Clinical Practice. Delivered a talk at a meeting of "Association of Physicians of India – Panipat Chapter, at Hotle Hive, Panipat on February 5, 2019

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Forensic Psychiatry: An Indian Perspective, Published by Jaypee Brothers New Delhi



XVI. Department of Dentistry

1. Letter regarding "Are cardiovascular risk parameters and glycemic levels associated with periodontitis in type 2 diabetes patients?" A clinical study, Indian Heart Journal 2018, N Sharma, S Dwivedi Indian Heart Journal 70 (6), 948-949
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XVII. Department of Dermatology

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