

Bio data

DR. SHRUTI SHARMA

Scientist D

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Educational Qualifications: M.B.B.S, DNB Pathology (Diplomate of National Board) MNAMS

Area of Specialization: Pathology: Histopathology, Cytopathology

Area of Interest: Dermatopathology; Cardiac Pathology; Oncopathology

Scientific Experience: 20 years

Publications: 50

Memberships/Scientific degrees:

1. Member of Institutional Ethics Committee. 2021
2. Member of National Academy of Medical Sciences (M.N.A.M.S)
3. Life member of Indian Association of Pathologists and Microbiologists (379/06)
4. Life member of Dermatopathology Society of India
5. Life member of Delhi Society of Haematology (DSH/LM/320)

Recognized Research Guide:

1. Jamia Hamdard University, Delhi; India
2. Manipal Academy of Higher Education, Karnataka; India
3. Guide for DNB students

Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To
1.	Research Associate	National Institute of Pathology, ICMR, Delhi	6.02.2006	6.05.2010
2.	Senior Research Associate (Pool off)	Dept. of Cardiac Pathology & CTVS ,AIIMS, New Delhi	15.12.10	14.12.13
3.	Consultant Pathologist	Adiva Multispeciality Hospitals, Delhi	15.12.13	31.03.14
4.	Scientist 'C' (Teaching & Research)	National Institute of Pathology, ICMR, Delhi	11 April 2014	31 Aug 2018
5.	Scientist 'D' (Teaching & Research)	National Institute of Pathology, ICMR, Delhi	Sept 2018	Till date

RESEARCH AREAS:

With scientific experience of 20 years I have worked in various pathological disease states varying from Breast cancer, Gastrointestinal and lung cancers, Rheumatic Heart disease with atrial fibrillation, skin malignancies and infectious and non- infectious diseases of the skin.

I have major extramural research projects on Rheumatic atrial Fibrillation with various funding agencies as the Principal Investigator. Have mentored many DNB Pathology students, in their Thesis and have also guided Post-doctoral fellows in various research areas. I have a total of 50 publications in various peer reviewed International journals

RESEARCH ACTIVITIES

Sl.no	Research Projects/Thesis	Role/Funding Agency/ Year
1.	Comparative Proteomic analysis to discover novel plasma biomarkers for early detection, surveillance and prognostication of Atrial fibrillation in patients with Rheumatic heart disease. (Principal Investigator)	PI DST- SERB 2020-23
2.	Proteomic analysis of cardiac tissue of atrial fibrillation patients with Rheumatic heart disease to understand the pathophysiology and to identify candidate biomarkers for diagnostic and therapeutic applications. (Principal Investigator)	PI DBT BioCARE 2021-2024
3.	Application of new tools for molecular diagnosis and surveillance of post kala-azar dermal leishmaniasis and cutaneous leishmaniasis in India.	Co-PI ICMR 2021-2024
4.	Detection of 2-Hydroxyglutarate in biofluids of glioma patients: Potential role as a circulatory biomarker	Co-PI ICMR 2019-2022
5.	Identification of metabolic markers in Rheumatic Heart Disease (RHD) with Atrial Fibrillation using untargeted LC/MS based Metabolic Approach	Guide ICMR PDF 2019-2021
6.	Role of Thioredoxin Reductase in Non-melanoma skin cancers	Guide NIP, ICMR 2020-2022
7.	Studies on molecular genetics of plaque psoriasis in Indian patients	Co-guide Symbiosis Completed 2020
8.	Sonic hedgehog signaling pathway: evaluation in prostate cancer (ongoing).	Co-guide NIP, ICMR 2018-2021

9.	A comparative study to evaluate the use of liquid dish washing soap as an alternative to xylene and alcohol in deparaffinization and rehydration of routine paraffin sections	Guide NIP, ICMR 2016-2018
10.	Clinicopathological correlation in patients of Discoid Lupus Erythematosus	Co-guide SJH 2015-2018
11	Role of Tumor budding in Colorectal Cancer.	Co-guide NIP, ICMR Completed (2019)
12	Vascular mimicry in Astrocytomas	Co-guide NIP, ICMR Completed 2019
13	Immunohistochemical expression of Wilm's Tumor Antigen – 1(WT-1) in cutaneous vascular neoplasms and malformations.	Co-guide NIP, ICMR Completed 2016
14.	Role of cyclooxygenase-2, VEGF, p53&NOS-2 in angiogenesis & growth of tobacco related malignancies.	Co-guide NIP, ICMR Completed 2007
15.	Morphometry based image analysis system in early Detection of cervical cancer. Software programming of Papnet.	Department of Electronics, Govt. of India 2008
16.	Histopathological Analysis of Light Microscopic & Ultrastructural features of surgically Excised Left Atrial Appendage in patients with atrial fibrillation due to Rheumatic Heart Disease	SRA -CSIR Dept. of Cardiac Pathology & CTVS, AIIMS, Delhi
17.	Study of Biological Characteristics of Breast Cancer associated with mutations in BRCA1 and BRCA2 genes	SRF, NIP, ICMR 2001-2004

DIAGNOSTICS & TEACHING

1. DERMATOPATHOLOGY Reporting & Research:

The entire Dermatology department of Safdarjung hospital sends all the skin biopsies to National Institute of Pathology. There is a huge clinical load and I have the sole responsibility of handling **approximately 3000 skin biopsies every year.**

2. AIIMS, SAFDARJUNG WEEKLY DERMATOLOGY MEET:

Every Tuesday I conduct the AIIMS - Safdarjung Dermatopathology weekly meet at the National Institute of Pathology. This is a **clinicopathological meeting** where both dermatologists and dermatopathologists from AIIMS and Safdarjung Hospital get together in our institute for active discussion of all challenging cases we come across in one week.

3. CARDIAC PATHOLOGY Reporting & Research

4. **GUIDE/CO-GUIDE for dissertation of DNB students:** Supervising DNB Pathology students and Organizing conferences, slide seminars and tutorials

TRAININGS

1. **Training on Ethical Issues in Research** by ICMR-National Institute of Implementation Research on Non-Communicable Diseases (ICMR-NIIRNCD), Jodhpur, in association with ICMR Bioethics Unit, NCDIR Bengaluru on 30th June, 2021
2. Dermatopathology Training Session in January 2020 at Delhi Dermopath Lab (Dr. Asha Kubba).
3. Hands on workshop of Next Generation Sequencing System Gene Studio S5 series by ThermoFisher Scientific on 5-6 August 2019 at Thermo Fisher office, Gurugram.
4. Attended the **XXVIII National Training Programme in Electron Microscopy** conducted by the department of Anatomy (E.M Facility) from 29.10.12 - 10.11.12 at AIIMS, New Delhi.

Other relevant information:

- 1) External Expert member of the selection committee in Jamia Hamdard for a multi-centric ICMR Extramural Ad-hoc Research Project
- 2) **Review of ICMR Short Term Studentship (STS)** reports of ICMR.
- 3) Prepared Teaching material in form of **CD ROMs** in the Institute of Pathology, ICMR.

PUBLICATIONS

ORIGINAL ARTICLES

1. Qazi S, Das S, Khuntia BK , Sharma V, **Shruti S**, Gautam S, Raza K. In Silico Molecular Docking and Molecular Dynamic Simulation Analysis of Phytochemicals From Indian Foods as Potential Inhibitors of SARS-CoV-2 RdRp and 3CLpro. Natural Product Communications. 2021
2. Sharma G, Ghata N, Sharique M, **Sharma S** et al. Role of inflammation in initiation and maintenance of atrial fibrillation in rheumatic mitral stenosis – An analytical cross-sectional study. J of Arrhythmia: 2020;00:1–9doi.org/10.1002/joa3.12428 (Sept 2020)
3. Siraj F, Dulal J, **Sharma S**. et al. Benign Mimickers of Urinary Bladder Cancer: a Case Series. Indian J Surg Oncol (2020). <https://doi.org/10.1007/s13193-020-01152-0> (July2020)

4. Malik A, Siraj F, **Shruti S**, et al. (April 20, 2020) Clinicopathological Concordance in 2216 Cases of Skin Biopsy over One Year: An Indian Experience. *Cureus* 12(4): e7752. DOI 10.7759/cureus.7752 (April2020)
5. Dixit M , **Shruti S** , Jairajpuri ZS *, Kapur S , Agrawal U , Jain N , Thakur M , Tripathi BK. Evaluation of Expression Patterns of Cytokeratin and Mucin Peptide Core Antigen for Diagnostic Role in Upper Gastrointestinal Tract Pre Neoplastic and Neoplastic Lesions.2018 *Annals of Pathol Lab Med* 2018;5(11);953-61
6. Kumar, N., **Sharma, S.**, Ray, R., & Airan, B. (2014). Primary cardiac tumours in a paediatric population: An experience from a tertiary centre with a review of literature. *African Journal of Paediatric Surgery*, 11(1), 44. DOI: 10.4103/0189-6725.129215. PMID: 24647293
7. **Sharma Shruti.**, Sharma, G., Hote, M., Devagourou, V., Kesari, V., Arava, S. Ray, R. (2014). **Light and electron microscopic features of surgically excised left atrial appendage in rheumatic heart disease patients with atrial fibrillation and sinus rhythm.** *Cardiovascular Pathology*, 23(6), 319–326. DOI: 10.1016/j.carpath.2014.07.008. PMID: 25216788
8. Singh, A., Sarvjot, V., **Sharma, S.**, & Mishra, S. (2009). Melasma: A clinicopathological study of 43 cases. *Indian Journal of Pathology and Microbiology*, 52(3), 357. DOI: 10.4103/0377-4929.54993. PMID: 19679960

TOTAL PUBLICATIONS

1. Qazi S, Das S, Khuntia BK , Sharma V, Shruti S, Gautam S, Raza K. In Silico Molecular Docking and Molecular Dynamic Simulation Analysis of Phytochemicals From Indian Foods as Potential Inhibitors of SARS-CoV-2 RdRp and 3CLpro. *Natural Product Communications*. 2021
2. Lakhani R, Khullar G, Sharma S. An unusual case of co-localization of proliferating trichilemmal tumor and seborrheic keratosis. *Indian J Dermatol Venereol Leprol*, doi: 10.25259/IJDVL_817_20 (May2021)
3. Mehrotra K, Khunger N, Sharma S, Muradia I, Chakravarty P, Kathuria S. Tufted Angioma with Coagulopathy: A Dermoscopic Evaluation and Successful Treatment. *International Journal of Dermatology* DOI: 10.1111/ijd.15593 (April 2021)
4. Chhabra G, Khullar G, Ramesh V, Sharma S. Linear figurate plaques with hemorrhagic bullae and ulceration on the leg. *Int J Dermatol*. 2020 Nov 5. doi: 10.1111/ijd.15282. Epub ahead of print. PMID: 33152136 (March 2021)

5. Chhabra G, Verma P, Khullar G, Shruti S. Acroangioidermitis, Mali and Stewart-Bluefarb type: two additional cases in adolescents. (Feb 2021) *AJD-2020-0351.R4*
<https://doi.org/10.1111/ajd.13386>
6. Lakhani R, Khullar G, Sharma S, Saxena AK, Bhargava A. Verrucous Bowen's disease on hand successfully treated with prolonged course of topical 5% 5-fluorouracil Dermatologic Therapy. 2020: <https://doi.org/10.1111/dth.14614>
7. Sharma G, Ghati N, Sharique M, Sharma S et al. Role of inflammation in initiation and maintenance of atrial fibrillation in rheumatic mitral stenosis – An analytical cross-sectional study. *J of Arrhythmia*: 2020;00:1–9doi.org/10.1002/joa3.12428 (Sept 2020)
8. Gupta P, Agrawal D, **Shruti S**, Chandra M. Mucinous adenocarcinoma of renal pelvis in a young male: a histopathological challenge. *Ger Med Sci*. 2020 (Nov); 18: Doc11.
doi: [10.3205/000287](https://doi.org/10.3205/000287)
9. BhandariM, KhullarG, Shruti S. Granulomatous pigmented purpuric dermatosis favorably treated with the combination of colchicine and calcium dobesilate" in its current form for publication in *Dermatol Ther*. 2020 Jun 15:e13843 doi.org/10.1111/dth.13843 Epub ahead of print. PMID: 32543004.
10. Bhandari M, Khullar G, Sharma S, Ramesh V. Curious case of coexistence of erythema induratum and penile papulonecrotic tuberculid. *Indian J Dermatopathol Diagn Dermatol* 2020;7:44-5 (July2020)
11. Siraj F, Dulal J, Sharma S. et al. Benign Mimickers of Urinary Bladder Cancer: a Case Series. *Indian J Surg Oncol* (2020). <https://doi.org/10.1007/s13193-020-01152-0> (July2020)
12. Malik A, Siraj F, Shruti S, et al. (April 20, 2020) Clinicopathological Concordance in 2216 Cases of Skin Biopsy over One Year: An Indian Experience. *Cureus* 12(4): e7752. DOI 10.7759/cureus.7752 (April2020)
13. Dev N, Kumar R, Shruti S, Mahto K. Scleredema of Buschke in conjunction with Ovarian Carcinoma: Rare association of a rare disease. *J R Coll Physicians Edinb* 2020; 50: 32–4 | doi: 10.4997/JRCPE.2020.108
14. Chhabra G, Verma P, Shruti S. A case of systematized verrucous epidermal nevus successfully treated with low dose acitretin. *Dermatol Ther*. 2019 Oct 6:e13106.
doi: 10.1111/dth.13106. [Epub ahead of print]
15. Chhabra G1, Verma P2, Sharma S3. Koebner phenomenon induced by Mantoux testing in a case of papulonecrotic tuberculid. *Trop Doct*. 2020 Jan;50(1):74-77. doi: 10.1177/0049475519882529. Epub 2019 Nov 4.
16. Khullar G, Khunger N, Mann KK, Shruti S. Tattoo reactions as the initial presentation of lepromatous leprosy and cutaneous sarcoidosis: Report of two cases. *Indian J Dermatopathol Diagn Dermatol* 2019;6:83-5

17. Shruti S, Gupta P , Malik A, Bhatnagar A, Siraj F. Cluster of Differentiation 10 Positive Stromal Sarcoma of Breast: A Diagnostic Challenge. *Cureus*; DOI: 10.7759/cureus.5143
18. Periasamy N, KhullaG, Sharma S. Asymptomatic skin-colored papule on the upper eyelid in a young man. *Clinicopathologic challenge. Internat J Dermatol.* 2019; doi: 10.1111/ijd.14522
19. Dev N , Kumar R, Gogna A, Shruti S. Chikungunya-induced inflammatory myositis: a case report in India. *Tropical Doctor* 2019 doi: 10.1177/004947551984378.
20. Shruti S, Siraj F, Saxena AK. Isolated Collagenoma of the face – a rare occurrence. *Acta Dermatovenerologica* APA2019;28:41-43 doi: 10.15570/actaapa.2019.9
21. Khullar G, Shankila M, Shruti S. Verrucous carcinoma on the foot arising in a chronic neuropathic ulcer of leprosy. *Australasian Journal of Dermatology*: 2019doi: 10.1111/ajd.13020 (Impact Factor: 1.602)
22. Gupta P, a Shruti S, Chaudhary V, Khullar G, Siraj F. Juvenile Dermatomyositis: A case report and review of Literature. e3935. doi:10.7759/cureus.3935
23. Dixit M , Shruti S , Jairajpuri ZS *, Kapur S , Agrawal U , Jain N , Thakur M , Tripathi BK. Evaluation of Expression Patterns of Cytokeratin and Mucin Peptide Core Antigen for Diagnostic Role in Upper Gastrointestinal Tract Pre Neoplastic and Neoplastic Lesions.2018 *Annals of Pathol Lab Med* 2018;5(11);953-61
24. Khullar G, Sharma S, Ramesh V, Mann KK. Blaschkoid distribution of composite syringocystadenoma papilliferum and tubular apocrine adenoma without naevus sebaceous. *Clin Exp Dermatol.* 2018 doi: 10.1111/ced.13753. [Epub ahead of print]
25. KhullarG, Saxena AK, RameshV, Shruti S. Asymptomatic indurated plaque on the tongue in an immunocompetent man *Int J Dermatol.* 2018 Sep 19. doi: 10.1111/ijd.14225. [Epub ahead of print]
26. Shruti, S., Siraj, F., Ramesh, V., & Ramesh, V. (2018). Recurrent pyogenic granuloma over nevus flammeus. *Indian Journal of Dermatology, Venereology and Leprology.* doi:10.4103/ijdv1.IJDVL_80_17. PMID: 29547139.
27. Siraj, F., Sharma, S., Rai, C. B., & Vasudeva, P. (2018). Primary high grade testicular leiomyosarcoma: A rare malignancy in a young male. *Türk Üroloji Dergisi/Turkish Journal of Urology*, 44(2), 178–181. doi: 10.5152/tud.2017.15821. PMID: 29511590
28. Khullar, G., Saxena, A. K., & Sharma, S. (2018). Persistent pruritic rash, fever, and joint pains in a young female. *Australasian Journal of Dermatology.* DOI: 10.1111/ajd.12890. PMID: 30009457
29. Siraj, F., & Shruti, S. (2018). An unusual florid polypoidal presentation of gastric neuroendocrine tumor. *Muller Journal of Medical Sciences and Research*, 9(1), 43. DOI: 10.4103/mjmsr.mjmsr_22_17

30. Fouzia, S., Sharma, S., & Pawan, V. (2017). Primary hydatid cyst of the kidney presenting as a complex renal mass. *Journal of The Egyptian Society of Nephrology and Transplantation*, 17(2), 64. DOI: 10.4103/jesnt.jesnt_35_16
31. Shruti, S., Singh, A., Ramesh, V., & Siraj, F. (2017). Phaeohyphomycosis of the face masquerading as basal cell carcinoma in an immunocompetent patient. *Indian Dermatology Online Journal*, 8(4), 271. DOI: 10.4103/idoj.IDOJ_294_16. PMID: 28761846
32. Shruti, S., & Siraj, F. (2017). Parathyroid carcinoma: an unusual presentation of a rare neoplasm. *German Medical Science : GMS e-Journal*, 15, Doc21. DOI: 10.3205/000262. PMID: 29354025
33. Shruti, S., & Siraj, F. (2017). Matrix-producing metaplastic breast carcinoma - a rare tumor with heterologous elements. *German Medical Science : GMS e-Journal*, 15, Doc17. DOI: 10.3205/000258. PMID: 29255401
34. Shruti, S., Siraj, F., Singh, A., & Ramesh, V. (2017). Epidermodysplasia verruciformis: three case reports and a brief review. *Acta Dermatovenerologica Alpina Pannonica et Adriatica*, 26(3). PMID: 28941263
35. Siraj, F., Shruti, S., Jain, S., Bhatnagar, A., & Agrawal, U. (2017). Collision of malignant melanoma and squamous cell carcinoma in rectum: first report of a rare tumor. *Turkish Journal of Pathology*. DOI: 10.5146/tjpath.2017.01397. PMID: 28832076
36. Kumar, N., Sharma, S., Choudhary, U., & Ray, R. (2016). Angiosarcoma of pericardium presenting with recurrent pericardial effusion. *Indian Journal of Cancer*, 53(1), 122. DOI: 10.4103/0019-509X.180855. PMID: 27146759
37. Kumar, N., Sharma, S., Ray, R., & Airan, B. (2014). Primary cardiac tumours in a paediatric population: An experience from a tertiary centre with a review of literature. *African Journal of Paediatric Surgery*, 11(1), 44. DOI: 10.4103/0189-6725.129215. PMID: 24647293
38. Sharma, S., Sharma, G., Hote, M., Devagourou, V., Kesari, V., Arava, S. Ray, R. (2014). Light and electron microscopic features of surgically excised left atrial appendage in rheumatic heart disease patients with atrial fibrillation and sinus rhythm. *Cardiovascular Pathology*, 23(6), 319–326. DOI: 10.1016/j.carpath.2014.07.008. PMID: 25216788
39. Sharma S, Rana S, Kapur S, Jairajpuri Z (2013). Primary intestinal hodgkin's lymphoma: An uncommon presentation. *Journal of Laboratory Physicians*, 5(2), 124. DOI: 10.4103/0974-2727.119866. PMID: 24701107
40. Sharma, S., Agrawal, U., Gupta, P., Bhatnagar, A., & Jairajpuri, Z. (2013). Malignant melanoma and basal cell carcinoma of the face: a rare coexistence. *Annals of Saudi Medicine*, 33(3), 304–306. DOI: 10.5144/0256-4947.2013.304. PMID: 23793437

41. Sharma, S., Juneja, R., Sharma, G., Arava, S., & Ray, R. (2013). Desmin-related restrictive cardiomyopathy in a pediatric patient: a case report. *Indian Journal of Pathology & Microbiology*, 56(4), 402–4. DOI: 10.4103/0377-4929.125349. PMID: 24441231
42. Zeeba, S., Safia, R., Pradeep, S., Shruti, S., & Sujala, K. (2012). Interfollicular Hodgkin's Lymphoma - A Diagnostic Dilemma. *Bangladesh Journal of Medical Science*, 11(3). DOI: <http://doi.org/10.3329/bjms.v11i3.11739>
43. Singh, A., Sarvjot, V., Sharma, S., & Mishra, S. (2009). Melasma: A clinicopathological study of 43 cases. *Indian Journal of Pathology and Microbiology*, 52(3), 357. DOI: 10.4103/0377-4929.54993. PMID: 19679960
44. Singh, A., Vermani, S., & Shruti, S. (2009). Choroid plexus carcinoma: report of two cases. *Indian Journal of Pathology & Microbiology*, 52(3), 405–7. DOI: 10.4103/0377-4929.55009. PMID: 19679976
45. Singh, A., Jairajpuri, Z., Gupta, V., Sharma, S., & Chand, K. (2008). Atypical teratoid/rhabdoid tumor of the central nervous system associated with congenital cataract. *Indian Journal of Pathology and Microbiology*, 51(3), 389. PMID: 18723966
46. Singh, A., Sharma, S., Vermani, S., & Khunger, N. (2007). Subcutaneous fat necrosis of the new born. *Indian Journal of Pathology & Microbiology*, 50(4), 849–50. PMID: 18306586
47. Avninder, S., Vermani, S., Shruti, S., & Chand, K. (2007). Papillary meningioma: a rare but distinct variant of malignant meningioma. *Diagnostic Pathology*, 2, 3. DOI: 10.1186/1746-1596-2-3. PMID: 17233924
48. Singh, A., Sharma, S., Verma, S., & Khanna, A. (2007). Malignant nodular hidradenoma with angiolymphatic invasion: a case report. *Indian Journal of Pathology & Microbiology*, 50(3), 548–9. PMID: 17883130
49. Singh A, Sharma S, Sarvjot V. (2007). Inoculation leprosy developing after tattooing. *Indian Journal of Pathology & Microbiology*, 50(4), 841–2. PMID: 18306579
50. Singh, A., Sharma, S., & Vermani, S. (2007). Hypophyseal tuberculoma masquerading as pituitary adenoma. *Indian Journal of Pathology & Microbiology*, 50(4), 847–8. PMID: 18306584

Workshops/Conferences/Symposiums attended since 2014:

- 1) **Training on Ethical Issues in Research** by ICMR-National Institute of Implementation Research on Non-Communicable Diseases (ICMR-NIIRNCD), Jodhpur, in association with ICMR Bioethics Unit, NCDIR Bengaluru on 30th June, 2021
- 2) Virtual Annual Conference of Dermatopathology Society of India 15-16th January 2021 organized by Department of General Pathology Christian Medical College and Hospital, Vellore. India.
- 3) KCIAPM Path Webinar on DermPath entitled “Diagnostic Approach to Cutaneous Vesiculobullous Diseases” on 21st November 2020.
- 4) Microscopic session organized by Asian Society of Dermatopathology by Dr Yuhung Wu on Bacterial & Mycobacterial infections on 23rd Jul, 2020
- 5) Online live microscopy session: Inflammatory Skin diseases hosted by Dept. of Pathology, St. John's Medical College, Bangalore & DSI presenters by Dr. Rajalakshmi Tirumalae & Dr. Inchara YK on 13th June, 2020.
- 6) 7th lecture in the Mentor to Student connect series on Dermatopathology May 27, 2020 by Dr.Sujay Khandpur on "Role of Histopathology in Pigmentary dermatoses."
- 7) 6th lecture in the Mentor to Student connect series on Dermatopathology May 17, 2020 by Dr.Nandakumar G on "Spectrum of Panniculitis".
- 8) 5th lecture in the Mentor to Student connect series on Dermatopathology on May 13, 2020 by Dr.Chirag Desai on "Detective dermatopathology- clues and signs revisited".
- 9) 4th lecture in the Mentor to Student connect series on Dermatopathology on May 9, 2020 by Dr. Pradeep Mahajan on "Lichenoid tissue reaction- clinico-pathological correlation".
- 10) 3rd lecture in the Mentor to Student connect series on Dermatopathology on May 6, 2020 by Dr. Sasi Attili on "Whats normal in the skin-How to interpret a skin biopsy".
- 11) 2nd lecture in the Mentor to Student connect series on Dermatopathology on May 2, 2020 by Dr. Raghavendra Rao on "Immunofluorescence in Dermatology".
- 12) 1st lecture in the Mentor to Student Connect connect series on Dermatopathology on 29th April 2020 by Dr. Venkataram Mysore on "Approach to Diagnosis of Granulomas"
- 13) Dermatopathology Training Session in January 2020 on Lupus Erythematosus and Dermal Deposits at Delhi DermPath Lab under Dr. Asha Kubba.

- 14) First annual meeting of the Asian Society of Dermatopathology held at AIIMS, New Delhi from November 15-17th 2019
- 15) The Indian Society for diseases of the Esophagus and Stomach (ISES), and Max Cancer Congress 2019 held from 16th and 18th August 2019 at Taj Palace New Delhi.
- 16) Hands on workshop of Next Generation Sequencing System GeneStudio S5 series by ThermoFisher Scientific on 5-6 August 2019 at Thermo Fisher office, Gurugram.
- 17) As a speaker in Dermatopathology Workshop -cum-CME on 27th July 2019 at VMMC and Safdarjung Hospital, New Delhi. Organized in joint collaboration with National Institute of Pathology , ICMR and Department of Dermatology, VMMC and Safdarjung Hospital, New Delhi
- 18) IAPM Quarterly meet organized jointly by National Institute of Pathology and Safdarjung Hospital, Delhi on 6th April 2019.
- 19) PATHCON & LAB EXPO2018” held on 15th-16th Dec 2018 at The Lalit, New Delhi.
- 20) Annual Conference of “Dermatopathology Society of India” held on 7th-9th Dec 2018 at Dr. DY Patil Medical College, Navi Mumbai.
- 21) 6th National Workshop entitled "Next Generation Sequencing Data Analysis: Integrating genomics, transcriptomics & proteomics data for potential therapeutic target discovery" held from 26th Feb-1st March 2018 at the National Institute of Pathology, ICMR, New Delhi.
- 22) 33rd Annual conference of the Delhi chapter of the Indian Association of Pathologists and Microbiologists held on 25th February 2018 at SCOPE convention centre organized by National Institute of Pathology, ICMR and VMMC, Safdarjung Hospital, New Delhi.
- 23) **Poster Presentation at the International CME on Surgical pathology** at Goa from 2nd -4th Feb, 2018.
- 24) **Wiley ICMR workshop** at the National Institute of Pathology, ICMR, New Delhi on 18th Jan 2018.
- 25) **Paper presented by my senior resident in the conference of Dermatopathology** held Dermatopathology Society of India in Puducherry from 1st -3rd Dec, 2017.
- 26) 3rd workshop on “Biomedical data analysis using R” Biomedical Informatics Centre, National Institute of Pathology, New Delhi 24th -25th January 2017
- 27) **Tissue Microarray workshop** organized in NIOP, ICMR as a part of the Scientific Committee held on 18th-19th Dec.2014

- 28) **New Generation Diagnostics in Anatomic Pathology – Single day CME**, G B Pant Hospital, New Delhi on 10th October 2014.
- 29) Annual cytology meet of the Indian Academy of Cytologists held on 13th September 2014 at AIIMS, New Delhi.
- 30) Quarterly meet of the Delhi chapter of the Indian Association of Pathologists and Microbiologists held on 23rd August 2014 at VMMC, Safdarjung Hospital, New Delhi.
- 31) Flow Cytometry workshop held at the National Institute of Pathology, ICMR, Safdarjung Hospital campus, New Delhi on 28-29th August 2014.
- 32) Electron Microscopy workshop held at the National Institute of Pathology, ICMR, Safdarjung Hospital campus, New Delhi on 7-8 July 2014.

CONFERENCES ORGANIZED

1. Organizing Dermatopathology Clinicopathological meetings at National Institute of Pathology every Tuesday.
2. As a Member of the Organizing committee, Dermatopathology Workshop -cum-CME was organized in joint collaboration with National Institute of Pathology, ICMR and Department of Dermatology, VMMC and Safdarjung Hospital, New Delhi on 27th July 2019 at VMMC, Delhi.
3. As a Member of the Organizing committee, organized **Tissue Microarray workshop** in NIOP, ICMR held on 18th-19th Dec.2014

POSTER PRESENTATIONS

- 1) First Annual Meeting of the Asian Society of Dermatopathology and Annual Meeting of the Dermatopathology Society of India held in AIIMS, New Delhi from 15th to 17th Nov.2019
 1. Poster 1 Granulomatous mycosis fungoides: A rare histopathological variant Ruchika Singh, Niti Khunger , Khushpreet Kaur Mann , **Shruti Sharma**.
 2. Poster 15: Molluscum like mysterious papule: histopathology unravels the diagnosis. Nandhini P, Khuller G, **Shruti S**.
 3. Poster 16: Pigmented plaque on the forehead: a Histopathological surprise. Nandhini P, Khuller G, **Shruti S**.
 4. Poster 19: Unusual presentation of papulonecrotic tuberculid- Report of two cases. Molisha Bhandari, Verma P, Khuller G, **Shruti S**.
 5. Poster 25 A rare case of unilateral blaschkoid pseudokaposi sarcoma : Through the lens Geetika Chhabra, Verma P, **Shruti S**.
 6. Poster 26 A rare case of Mal de Meleda keratoderma with pseudoainhum Geetika Chhabra, Verma P, **Shruti S**.
 7. Poster 27 A rare case of angiokeratoma circumscriptum naeviforme on trunk Geetika Chhabra, Verma P, **Shruti S**.

8. Poster 62 Primary cutaneous large B-Cell lymphoma masquerading as lupus vulgaris Pooja Gupta, **Shruti Sharma**, Ramesh V, Bhargava A.
 9. Poster 63 Vogue goes rogue: Tattoo complications, a case series Akanksha Malik, **Shruti Sharma**, Khuller G, Ramesh V
 10. Poster 65 Subcutaneous panniculitis-like T- cell lymphoma Charvi Chanana, Singh A, Khuller G, Kaur K, **Shruti Sharma**.
- 2) Poster presentation in PATHCON & LAB EXPO 2018” held on 15 th-16 th Dec 2018 at The Lalit, New Delhi.
 1. Endometrioid Endometrial adenocarcinoma co-existing with pregnancy- A Hormonal Discrepancy
 2. Synchronous Cutaneous Carcinomas on the nose in a child with Xeroderma pigmentosum- A rare case report
 3. Subcutaneous Hydatid cyst in Head and Neck region diagnosed clinically as Dermoid cyst- A rare case report.
 - 3) **Poster Presentation at the International CME on Surgical pathology** at Goa from 2nd -4th Feb, 2018 (“**Juvenile Dermatomyositis with Calcinosis Cutis**”).
 - 4) **Poster presentation in the IAPM Meeting (Delhi Chapter)** held at the Institute of Pathology, ICMR, New Delhi in April 2006. (“**Study of BRCA1 & BRCA2 associated familial breast cancer and its pathological and biological characteristics**”).

ORAL PRESENTATIONS

- 1) Speaker in Dermatopathology Workshop -cum-CME on 27th July 2019 at VMMC and Safdarjung Hospital, New Delhi.
- 2) **Paper presentation in the Annual IAPM Meeting (Delhi Chapter)** held at the All India Institute of Medical sciences, New Delhi in April 2007. (“**Study of expression of Mismatch Repair (MMR) proteins in breast cancer in correlation with clinicopathological parameters and response to Neoadjuvant chemotherapy**”).
- 3) Case presentation on “**Medullary carcinoma Breast**” in **Breast group meeting** held at the Institute of Pathology, ICMR, New Delhi in April 2002.
- 4) Case presentation on “**Extramedullary Rosai- Dorfman disease**” in the IAPM Meeting (Delhi Chapter) held at the Institute of Pathology, ICMR, New Delhi in the year 2002.