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Area of Specialisation Histopathology & Cytology

Research area Oncopathology, Oncoimmunology

Guide for DNB Pathology

PhD guide (affiliations: GGSIP University New Delhi, Symbiosis International University, Pune)

PUBLICATIONS

1. **Agrawal U**, Kumari N, Vasudeva P, Kumar A, Mohanty NK, Saxena S. Immune signature of urothelial cancer associated with grade, recurrence, and invasion. Urol Oncol. 2016 Sep;34(9):418.e17-26. .
2. Disha Arora, Mayank Uppal, Vindu Amitabh, **Usha Agrawal**. Unusual Presentation of Light Chain Deposition Disease: A Case Report. J Clin Diagn Res. 2016 May; 10(5): ED08–ED09.
3. Bimal Kumar Agrawal, Saurabh Marwaha, Mini Bhatnagar, Shabir A Parry, **Usha Agrawal**. Association of Systemic Lupus Erythematosus and Beta Thalassaemia Trait- A Case Report. J Clin Diagn Res. 2016 Jun; 10(6): OD03–OD04.
4. Fouzia Siraj, Manveen Kaur, Usha Agrawal. Clear cell odontogenic carcinoma of maxilla: A diagnostic challenge. Clin Cancer Investig J, 2016, 5(3): 256-258
5. Dalal V, Kaur M, Menia R, Siraj F, **Agrawal U**. Primary leiomyosarcoma of the mesentery: a case report. Accepted in IJMS.

6. Kumari N, Jha A, Vasudeva P, **Agrawal U**. High grade urothelial carcinoma of bladder transforming to Micropapillary variant on follow-up. Accepted in IJMS.
7. Agrawal BK, Manchanda B, Garg A, Mittal A, Mahajan NC, **Agrawal U**. Mean platelet volume in acute myocardial infarction: a case-controlled study. Journal of Cardiovascular Research 2015, 1 : 4
8. Kumari N, Dubey U, **Agrawal U**. Evolution Of Classification Of Bladder (Urothelial) Cancer. Natl J Integr Res Med 2015; 6(6): 89-94.
9. Nitu Kumari, Vasudeva P, Kumar A, **Agrawal U**. Adenocarcinoma of urinary bladder: a report of two cases. J Cancer Res Ther. 2015 Oct-Dec;11(4):1033.
10. Jetley S, Rana S, **Agrawal U**, Jairajpuri ZS. Xanthogranulomatous cholecystitis: Report of a case with coexistent adenocarcinoma. Sahel Med J 2013;16:168-70
11. Jairajpuri ZS, Kishore U, Amitabh V, **Agrawal U**. Primary infantile hyperoxaluria: a rare cause of acute renal failure. Saudi J Kidney Dis Transpl. 2013 Sep;24(5):1015-8.
12. Sharma S, **Agrawal U**, Gupta P, Bhatnagar A, Jairajpuri Z. Malignant melanoma and basal cell carcinoma of the face: a rare coexistence. Ann Saudi Med. 2013 May-Jun;33(3):304-6. doi: 10.5144/0256-4947.2013.304.
13. Sachdeva R, Bhardwaj N, Huhtaniemi I, **Agrawal U**, Jain SK, et al. (2012) Transgenesis-Mediated Reproductive Dysfunction and Tumorigenesis: Effects of Immunological Neutralization. PLoS ONE 7(11): e51125. doi:10.1371/journal.pone.0051125
14. Jairajpuri Z S, **Agrawal U**. (2012) Tumor Associated Macrophages-Friends Turned Foe? A Case Report And Review Of Literature. Bangladesh Journal of Medical Science 11(02):139-142.
15. Agarwal S, **Agrawal U**, Mohanty NK, Saxena S. Multilocular cystic renal cell carcinoma: a case report of a rare entity. Arch Pathol Lab Med. 2011 Mar;135(3):290-2.
16. Mishra AK, **Agrawal U**, Negi S, Bansal A, Mohil R, Chintamani C, Bhatnagar A, Bhatnagar D, Saxena S. Expression of androgen receptor in breast cancer & its correlation with other steroid receptors & growth factors. Indian J Med Res. 2012 Jun;135(6):843-52.

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18. **Agrawal U**, Rai H, Jain AK. Morphological and ultrastructural characteristics of Extracellular matrix (ECM) changes in Oral Squamous Cell Carcinoma (OSCC). Indian J of Dent Res 2011, 22(1):16-21.
19. **Agrawal U**, Mishra AK, Salgia P, Verma S, Mohanty NK, Saxena S. Role of Tumor Suppressor and Angiogenesis Markers in Prediction of Recurrence of Non Muscle Invasive Bladder Cancer. Pathol Oncol Res, 2011;17(1):91-101.
20. Chintamani, Tandon M, Mishra A, **Agarwal U**, Saxena S. Sentinel lymph node biopsy using dye alone method is reliable and accurate even after neo-adjuvant chemotherapy in locally advanced breast cancer - a prospective study. World J Surg Oncol. 2011; 9: 19.
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22. Agarwal A, **Agrawal U**, Verma S, Mohanty NK, Saxena S. Serum Th1 and Th2 cytokine balance in patients of superficial transitional cell carcinoma of bladder pre- and post-intravesical combination immunotherapy. Immunopharmacol Immunotoxicol. 2010 Jun;32(2):348-56.PMID: 20105083.
23. Chintamani, T. Aeron, M. Mittal, D. Bhatnagar, **U. Agrawal**, S. Saxena Are the structures preserved in functional neck dissections truly preserved functionally? – A prospective study of patients with head and neck cancer at a tertiary cancer care center. Oral Oncology Supplement, Volume 3, Issue 1, July 2009, Page 175
24. N.S. Murthy, **Usha Agrawal**, B.S. Nandakumar, Dr. S. Prutvish, K. Chaudhary. Obesity and Colorectal Cancer. ICMR Bulletin, July-September 2009, Vol.39, No.7-9
25. Purnima Paliwal, Harsh Hora, **Usha Agrawal**. Capillary vessels in Ewing's sarcoma: overlooked? J of cytology, 2009, 26:3.
26. **Usha Agrawal**, Monika Sharma, Dinesh Bhatnagar, Sunita Saxena. Leydig Cell Tumor—An Unusual Presentation. Ind J of Path and Micro 2009,52(3).

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29. Ila Tyagi, **Usha Agrawal**, Vindu Amitabh, Arun K Jain, Sunita Saxena. Thickness of glomerular and tubular basement membranes in preclinical and clinical stages of diabetic nephropathy. *Indian J of Nephrology*. Vol.18, Issue 2, April 2008.
30. Singh Avninder, Amar Bhatnagar, Usha Agrawal, Sunita Saxena. Isolated splenic metastasis from Colorectal mucinous carcinoma. Volume 37, Numbers 2-3, September 2006
31. Sunita Saxena, **Usha Agrawal**, Abhilasha Agarwal, Nandagudi Srinivasa Murthy, Nayan Kumar Mohanty (2006). Adjuvant intravesical therapy based on an *in vitro* cytotoxicity assay in the management of superficial transitional cell cancer of the urinary bladder. *BJU International* 98 (5), 1012–1017.
32. **Usha Ku Burra**, Avninder Singh, Sunita Saxena. Eccrine porocarcinoma (malignant eccrine poroma): A case report. *Dermatology Online Journal* 11 (2): 17. 2005
33. Aarti Khanna, **Usha Burra**, Bhandari MS, Saxena Sunita. Infiltrating giant congenital cellular blue nevus of neck presenting as melanoma. *The Internet Journal of Pathology*. 2005 Vol.4 Number 2.
34. Agarwal Abhilasha, Verma Saurabh, **Burra Usha**, Murthy NS, Mohanty NK, Saxena S. Flow cytometric analysis of Th1 and Th2 cytokines in PBMCs as a parameter of immunological dysfunction in patients of superficial transitional cell carcinoma of bladder. *Cancer Immunol and Immunother*, 55(6):734-43
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36. Bharat Rekhi, **Usha Burra**, Geeta Vidyadharan, Sunita Saxena. Morphological Spectrum of *Cysticercus Cellulosae* on cytology in a Case of a Malnourished Child. *Journal of Cytology*. Volume 21, no.2 2004

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Correspondence

1. Agrawal BK, **Agrawal U**. Acute liver failure. N Engl J Med. 2014 Mar 20;370(12):1170.
2. Agrawal BK, Deswal V, **Agrawal U**. "Aluminium phosphide" toxicity is not due to "aluminium". Am J Emerg Med. 2012 Sep;30(7):1306. doi: 10.1016/j.ajem.2012.04.026. Epub 2012 Jul 12.
3. Bimal K Agrawal, **Usha Burra**. Communication skills should be second nature. ELetter to Postgrad Med J 2004; 80: 711-715

Membership of Professional Bodies

- ✓ Indian Association of Pathologists and Microbiologists (L-2205)
- ✓ Indian Society of Hematology and Transfusion Medicine (L-692)

Fellowships

“Quality Control and Quality Assessment in Biobanking” at BC Cancer Agency, Victoria, BC, Canada from 1-12-2015 to 30-01-2016 on HRD short term foreign fellowship supported by DHR, India