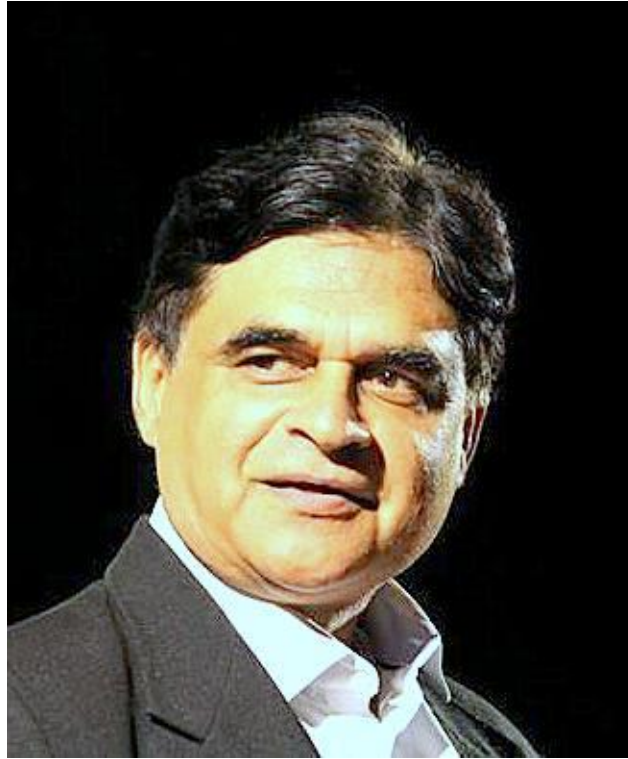




NICPR

NATIONAL INSTITUTE OF CANCER
PREVENTION AND RESEARCH



**RAVI MEHROTRA,
MD, D.Phil, FRCPath, FAMS
DIRECTOR**

**National Institute of Cancer Prevention and Research (ICMR)
Department of Health Research (Govt. of India)**

&

**WHO FCTC Global Knowledge Hub on Smokeless Tobacco
I-7, Sector - 39,
Noida – 201301, INDIA**

Web: <http://www.nicpr.res.in>

www.untobaccocontrol.org/kh/smokeless-tobacco

<http://www.cancerindia.org.in>

Personal: www.ravimehrotra.in

Email: ravi.mehrotra@gov.in

Personal: rm8509@gmail.com

Prof. Ravi Mehrotra is the Director at the ICMR-National Institute of Cancer Prevention and Research of the Dept. of Health Research at Noida as well as the WHO FCTC Global Knowledge Hub on Smokeless Tobacco Products. He completed his medical training at the prestigious Armed Forces Medical College, Pune followed by MD and D.Phil at the University of Allahabad and Fellowship of the Royal College. His research interests are focused on the early diagnosis and screening of cancer, medical education, tobacco control and tele-mentoring. He sits on the editorial board of 10 international peer-reviewed medical journals and has published a book of Oral Cytology, many book chapters and more than 170 articles in his areas of expertise. He is the winner of many prestigious awards including the prestigious Dr.P.N.Wahi, Dr. Lachman award in Cancer prevention and Ernest Fernandes Award of the Indian Academy of Cytologists, in addition to be its past President. He is a strong believer in early diagnostic techniques in the field of cancer prevention as well as tobacco control.

PERSONAL STATEMENT:

I have been systematically exploring appropriate strategies for screening of common cancers in India. In 2013, as Director of the ICMR-National Institute of Cancer Prevention and Research, I co-organized with the US-National Cancer Institute a national workshop on cancer screening strategies. I was the senior author on the publication that resulted from the symposium on research, policy, and advocacy priorities for cancer prevention in India (Lancet Oncology). These recommendations have been taken up by the Government in formulating an operational and technical manual for cancer screening. My contributions have amalgamated a very strong basic, clinical and applied research approach involving medical and community practice to early detection, primary and secondary prevention of cancer. I have worked in the areas of oral malignancies over the last two decades and reported on its epidemiology, early diagnosis and management, as well as, the novel aspects of molecular biology of the disease. My research has emphasized the need for routine screening and early diagnosis of all at-risk individuals. My contribution to cancer diagnosis utilizing affordable technology has been widely recognized and was recently covered in BMJ Innovations. In an effort to improve public awareness about cancer and cancer prevention and to mitigate cancer stigma, myths and fears, NICPR recently launched a comprehensive India-centric web portal called "India Battles Cancer" (<http://cancerindia.org.in/cp/>). The WHO-FCTC Global information for smokeless tobacco has started functioning at the centre.

I received my postdoctoral trainings in cytopathology, tumor immunology, and clinical haematology/oncology from leading institutions such as Johns Hopkins University, University of Pennsylvania, Medical College of Wisconsin, Earle A. Chiles Research Institute, and University of Otago, Christchurch, New Zealand while on a Rotary International GSE award to New Zealand. I serve on the editorial board of more than 10 international peer-reviewed medical journals and have published in top ranking journals such as Lancet Oncology. Recently, was fortunate to be awarded the prestigious Dr. P.N. Wahi award for Clinical Cytology and Preventive Oncology by Indian Council of Medical Research, Dr. Lachman Award for Cancer Awareness and Research and the Ernest Fernandes Award from the Indian Academy of Cytology. Moreover, I have received fellowships from scientific bodies like the American Cancer Society, Union International Contre le Cancer, World Health Organization, among others. I was elected as a Fellow of the Royal College of Pathologists and have served as an expert at the World Health Organization.

EDUCATION:

- University of Allahabad, India D.Phil 2010
- University of Allahabad, India M.D. 1983
Moti Lal Nehru Medical College
- University of Poona, India M.B.B.S. 1980
Armed Forces Medical College

WORK EXPERIENCE:

- Director (29/11/2012 – Present)
ICMR-National Institute of Cancer Prevention and Research, Noida
WHO-FCTC Global Knowledge Hub Smokeless Tobacco Products
(1/4/16-Present)
- Professor & Head of Pathology (07/04/2011 – 29/11/2012)
Mahamaya Government Allopathic Medical College, Ambedkarnagar
- Professor of Pathology (28/12/2006 – 06/04/2011)
Moti Lal Nehru Medical College, Allahabad
- Visiting Professor of Pathology (March. 2010)
Department of Pathology, Medical College of Wisconsin, Milwaukee USA
- Associate Professor of Pathology (15/5/1999 – 27/12/2006)
Moti Lal Nehru Medical College, Allahabad
- Assistant Professor of Pathology (7/7/1993 – 14/5/1999)
Moti Lal Nehru Medical College, Allahabad
- Lecturer in Pathology (29/5/1991 – 6/7/1993)

Sarojini Naidu Medical College, Agra

- **Registrar/Senior House Officer (1985-1988)**
Christchurch Hospital, Christchurch, New Zealand
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RESEARCH EXPERIENCE / SPECIAL TRAINING:

• Medical College of Wisconsin Milwaukee USA	2010	Cytopathology
• Johns Hopkins Medical Center Baltimore, USA	2000	Cytopathology
• University of Pennsylvania Med Center, Philadelphia,	2000	Cytopathology
• E.A.Chiles Research Center Portland, Oregon, USA	1999	Tumour Immunology
• Christchurch Hospital Univ. of Otago, New Zealand	1994	Cytopathology
• Christchurch Hospital, New Zealand	1984-87	Clinical Hematology Oncology

AWARDS, ORATIONS & SCHOLARSHIPS:

- **2016 Ernest Fernandes Slide Seminar Award of the Indian Academy of Cytologists.**
 - **2016 Dr. Prem Nath Wahi Award for Clinical Cytology and Preventive Oncology (Indian Council of Medical Research).**
 - **2015 Dr. Lachman Award for Cancer awareness and Research (Indian Medical Association)**
 - **2012 Dr. Anoop Tripathi Oration (Indian Medical Association - Academy of Medical Specialties)**
 - **2010 Indian Council of Medical Research Senior International Fellowship as Visiting Professor at Medical College of Wisconsin, Milwaukee.**
 - **2008 Dr. R.K. Menda Oration (Indian Medical Association-Academy of Medical Specialties) Award on 'Early diagnosis of oral cancer'**
 - **2007 American Cancer Society University Scholarship, New Delhi**
 - **2006 American Cancer Society University Scholarship, Washington DC**
 - **2000 World Health Organization (WHO) Training Award in Cytopathology at University of Pennsylvania Medical Center, Philadelphia and Johns Hopkins Medical Center, Baltimore.**
 - **1999 Educational Commission for Foreign medical graduates (ECFMG) International Award for medical teachers**
 - **1996 International Cancer Research Technology Transfer Award (ICRETT) of the Union International Contre le Cancer (UICC) at the Center for Biologics Evaluation and Research, FDA, Bethesda**
 - **1994 International Cancer Research Technology Transfer Award of the Union International Contre le Cancer at the Division of Cytopathology, Christchurch Hospital, New Zealand**
 - **1985 R. D. Birla Memorial Fund Scholarship for Oncology Training,**
-

Christchurch Hospital, New Zealand

- **1982 Rotary International's Group Study Exchange Award for professional development**
-

FELLOWSHIPS / MEMBERSHIPS OF ACADEMIC SOCIETIES:

- **National Academy of Medical Sciences (Fellow)**
 - **Royal College of Pathology(Fellow)**
 - **Head and Neck Optical Diagnostic Society (Senior Fellow)**
 - **IMA – Academy of Medical Specialties (Fellow)**
 - **International Academy of Cytology (Member)**
 - **Papanicolaou Society (Member)**
 - **Pathology Society of UK (Member)**
 - **International Union Against Cancer Association of Fellows (Life Member)**
 - **International Academy of Pathology-ID (Member)**
 - **Indian Association of Cytologists (Life member)**
 - **Indian Medical Association, Allahabad (Vice President Allahabad branch, 2011-12. Life member)**
 - **Indian Association of Pathology and Microbiology (Life Member)**
 - **National Academy of Sciences, Allahabad, India (Life Member)**
 - **Asia Oceania Organization of Gynecologic Oncology (Life Member)**
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RESEARCH ACTIVITIES / GRANTS:

Early diagnosis and Molecular biology of malignancies.

Cytological diagnosis of precancers/cancers

Cancer Epidemiology

Translational research

Principal Investigator

- **Health Promotion Clinic (ICMR) 2017-19 Rs. 69.6 Lakhs (Ongoing).**
- **Setting up of Cancer Portal (ICMR) 2017-19 Rs. 69.5 Lakhs (Ongoing).**
- **Niswani in breast disorders (Min. of Ayush) 2017-19 Rs. 69.9 Lakhs (Ongoing).**
- **Second phase of Biomedical Informatics Centres of Indian Council of Medical Research 2013-18 Rs. 1 crore. (Ongoing).**
- **Matrix metalloproteinases / and Collagen 4 status in Oral submucous fibrosis (Dept. of Science and Technology Res. Grant, Govt. of India) 2008-11 Value: Rs. 17.93 Lakhs (Completed)**
- **MMP/TIMP in Oral submucous fibrosis (University. Grants Commission Res. Grant) 2008-10 Value: Rs. 7.99 Lakhs (Completed)**
- **Interleukin 4/13R status in oral malignancies/malignancies (Dept. Biotechnology, Dept. of Science and Technology Res. Grant, Govt. of India) 2001-3 Value: Rs. 22.76 Lakhs (Completed).**

Co-Principal Investigator

- **HPV status in Oral premalignancy (Dept. of Science and Technology Res. Grant, Govt. of India) 2009-12 Value: Rs. 18.75 Lakhs (Completed).**
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EDITORIAL ACTIVITIES:

- Analytic and Quantitative Histology (Member-editorial board 2012- Present)
 - Journal of Medical Case Reports (Associate editor 2010-Present)
 - World Journal of Stomatology (Associate editor 2010- Present)
 - Diagnostic Cytopathology (Member-editorial board 2010- Present)
 - Asian Pacific Journal of Cancer Prevention (Member- editorial board 2010- Present)
 - World Journal of Clinical Oncology (Member-editorial board 2010- Present)
 - Cytojournal (Member- International editorial panel 2010-Present)
 - Acta Cytologica (Member- editorial-advisory board 2010-13)
 - Indian Journal of Pathology and Microbiology (Member-editorial board 2006-8&2017- Present)
 - Cytopathology (Reviewer)
 - Journal of Cytology (Reviewer)
 - PloS One (Reviewer)
 - Journal of Oncology (Reviewer)
 - Indian Journal of Experimental Biology (Reviewer)
 - Journal of Postgraduate Medicine (Reviewer)
 - Indian Journal of Cancer (Reviewer)
 - Molecular Cancer (Reviewer)
 - Diagnostic Pathology (Reviewer)
 - International Journal of Oral Science (Reviewer)
 - Oral Diseases(Reviewer)
 - Pathology Research(Reviewer)
-

INT'L / NATIONAL COLLABORATIONS:

ORGANIZATIONAL WORK / LEADERSHIP ROLES:

INDIAN ACADEMY OF CYTOLOGISTS:

- National President, 2012
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- **President, UP Chapter of Indian academy of Cytologists 2018**
 - **Organized Annual National Conference (CYTOCON-2007) and workshop on fluid cytology**
 - **Executive council member (2005-7)**
 - **Chairman /Co-chairman at many scientific sessions/workshops**
 - **Case presentation and sessions at numerous national meetings of IAC.**

ACADEMIC RESPONSIBILITIES:

- **Ad-hoc Inspector, Medical Council of India**
 - **Trained assessor, University Grants Commission National Academic Accreditation Council, Bangalore**
 - **Examiner at MBBS, MD, Ph.D. and M.Sc. levels for India and Malaysia.**
 - **Member of Oncology Scientific Advisory Group, ICMR, New Delhi**
 - **Member of Project Review Committee, Oncology, ICMR, New Delhi.**
 - **Member of Scientific Advisory Committee, National Institute of Pathology, New Delhi.**
 - **Member of Scientific Advisory Committee, Rajiv Gandhi Cancer Hospital, Delhi.**
 - **Member of Scientific Advisory Committee, National Centre for Disease Informatics and Research (NCDIR), Bangalore.**
 - **Member of Project Advisory Committee at Department. of Science & Technology, New Delhi.**
 - **Member of Project Advisory Committee at Department. of Biotechnology, New Delhi.**
 - **Member of General Selection Committee for the post of Professor/ Associate Professor of the Department of Pathology and Faculty of Medicine at various universities.**
 - **Member of Scientific Review Committee Meeting at Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram.**
-

RESEARCH PUBLICATIONS IN INDEXED PEER-REVIEWED JOURNALS WITH IMPACT FACTOR:

JOURNAL ARTICLES IN PEER REVIEWED PUBLICATIONS :

Citations : http://scholar.google.com/citations?hl=en&user=H2L_r60AAAAJ

Citations : 2780

H index : 30

I10 index : 65

Impact : 211.1

RG score : 37.5

Orcid id : 0000-0001-9453-1408

SELECTED RECENT PUBLICATIONS OVER LAST 5 YEARS:

1. Sundar S, Khetrapal-Singh P, Frampton J, Trimble E, Rajaraman P, Mehrotra R, Hariprasad R, Maitra A, Gill P, Suri V, Srinivasan R, Singh G, Thakur JS, Dhillon P, Cazier J (2018) Harnessing genomics to improve outcomes from women's cancer in India – key priorities for research. *Lancet Oncol.* (IF 33.9)
 2. Swaminathan S, Mehrotra R, Dandona L (2018) Nations within a nation: variations in epidemiological transition across the 6 states of India in the Global Burden of Disease Study 2016 *Lancet* (IF 44.2)
 3. Sivaram S, Majumdar G, Perin D, Ashrafunnessa, Broeders M, Lynge E, Saraiya M, Segnan N, Sankaranarayanan R, Rajaraman T, Edward Trimble E, Taplin S, Rath GK, Mehrotra R (2018) Decision making in population-based cancer screening programs in low and middle income countries: international cancer screening network's regional consultation in India.
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4. Mehrtash H, Duncan K, Parascandola M, David A, Gritz ER, Gupta PC, Mehrotra R, Nordin ASA, Pearlman PC, Warnakulasuriya S, Wen C, Zain RB, Trimble EL. (2018) Defining a global research and policy agenda for betel quid and areca nut. *Lancet Oncol.*(IF 33.9)
5. Sharma U, Singhal P, Bandil K, Kumar A, Bose S, Ahuja P, Kohli M, Dewan AK, Tayal J, Banerjee BD, Prasheri A, Mehrotra R, Sharma V, Bharadwaj M (2017) Genetic variations of IL-10: Identification of novel variations and evaluation of the impact of the SNPs/haplotype in the promoter region with the progression of oral squamous cell carcinoma in Indian population. *Cytokine* <https://doi.org/10.1016/j.cyto.2017.09.016> (IF 3.5)
6. Mehrotra R, Hariprasad R, Rajaraman P, Mahajan V, Grover R, Kaur P, Swaminathan S. (2017) Stemming the wave of cervical cancer: HPV vaccine introduction in India. *Jour Global Oncol* <http://ascopubs.org/doi/pdf/10.1200/JGO.17.00030>
7. Sharma V, Nandan A, Sharma A, Singh H, Bharadwaj M, Sinha DN, Mehrotra R. (2017) Signature of genetic associations in oral cancer. *Tumor Biol* (IF 3.64) <http://journals.sagepub.com/doi/abs/10.1177/1010428317725923>
8. Gupta R, Gupta S, Mehrotra R, Sodhani P. (2017) Cervical cancer screening in resource-constrained countries: current status and future directions. *Asian Pac J Cancer Prev* 18(5):1461-1467. (IF 2.6)
9. Gupta AK, Bharadwaj M, Mehrotra R. (2017) Spiro-oxindoles as a promising class of small molecule inhibitors of p53-MDM2 interaction useful in targeted cancer therapy. *Top Curr Chem* 375:3DOI:

10. Kaur P, Mehrotra R, Hariprasad R, Rajaraman P, Mahendale S, Swaminathan S. (2017) Human Papilloma Virus (HPV) vaccine for Cancer Cervix Prevention: Rationale and Recommendations for Implementation in India. *Indian J Med Res* 145: (IF 1.5)
11. Nethan S, Sinha DN, Mehrotra R. (2017) Non Communicable Disease Risk Factors and their Trends in India. *Asian Pac J Cancer Prev* 18(5):2005-2010 (IF 2.6)
12. Gupta AK, Srikrishna S, Mehrotra R. (2017) Novel KF Novel KF-Al₂O₃ Catalyzed Green Synthesis of some 3-substituted-2-oxindole derivatives and evaluation of their cytotoxic and cell apoptotic activity. *Chem Central Jour* (IF 2.1)
13. Sodhani P, Gupta S, Gupta R, Mehrotra R. (2017) Bacterial vaginosis and cervical intraepithelial neoplasia: is there an association or is co-existence incidental? *Asian Pac J Cancer Prev* 18(5):1289-1292. (IF 2.6)
14. Bhatt D, Sharma S, Gupta R, Sinha DN, Mehrotra R. (2017) Predictors of hypertension among non-pregnant females attending health promotion clinic with special emphasis on smokeless tobacco: A cross-sectional study. *BioMed Research International* (IF 2.47)
15. Sinha DN, Kumar A, Bhartiya D, Sharma S, Gupta PC, Singh H, Mehrotra R. (2017) The poorest of poor suffer the greatest burden from smokeless tobacco use: A study from 140 countries. *Nicotine Tob Res* (IF 4.6)
16. Thakur N, Basir SF, Bharadwaj M, Mehrotra R (2017) Computational prediction of novel human miRNAs/ miRNA target sites in correlation with SNP (rs678653) at 3'UTR of cyclin D1 gene. *Integrative Mol Med* doi:

17. Hariprasad R, Sodhani P, Gupta S, Sriram L, Saraf D, Bodat P, Kumar R, Rajaraman P, Mehrotra R(2017) Opportunistic cervical cancer screening of women visitors at a trade fair in India. *Indian J Med Res* 145:144-6, DOI: 10.4103/ijmr.IJMR_1570_15 (IF 1.5)
18. Sinha DN, Kumar A, Bhartiya D, Sharma S, Gupta PC, Singh H, Mehrotra R. (2017) Smokeless tobacco use among adolescents in global perspective. *Nicotine Tob Res* 1-2<https://doi.org/10.1093/ntr/ntx004>(IF 4.6)
19. Ogilvie G, Nakisige C, Huh W, Mehrotra R, Franco E, Jeronimo J. (2017) Optimizing secondary prevention of cervical cancer: recent advances and future challenges. *Int J ObsGyn*138 (Suppl. 1):15–19(IF1.64)
20. Mueller JL, Asma E, Lam CT, Krieger MS, Gallagher JE, Erkanli A, Hariprasad R, Malliga JS, Muasher LC, Mchome B, Oneko O, Taylor P, Venegas G, Wanyoro A, Mehrotra R, Schmitt JW, Ramanujam N. (2017) International image concordance study to compare a point of care tampon (POCKeT) colposcope to a binocular colposcope. *J Low Genit Tract Dis*. 21(2):112-9 doi: 10.1097/LGT.0000000000000306. (IF1.9)
21. Gupta AK, Mehrotra R, Bharadwaj M. (2016) Skin cancer concerns in people of color: risk factors and prevention. *Asian Pac Cancer Prev*17 (12), 6157-64 (IF 2.6)
22. Sinha DN, Bhartiya D, Kumar A, Singh H, Mehrotra R(2016) Men in Myanmar submerged in tobacco: women following. *Nicotine Tob Res*doi: 10.1093/ntr/ntw314(IF 4.6)
23. Hariprasad R, Mehrotra R(2016) Cancer screening program using technology assisted learning. *Jour Global Oncol*, JGO004036

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24. Sinha DN, Suliankatchi RA, Gupta, PCThamarangi T, Agarwal N, Parascandola M, Mehrotra R.(2016) Global burden of all cause and cause specific mortality due to smokeless tobacco use: systematic review and meta-analysis. *Tob Control* doi:10.1136/tobaccocontrol-2016-053302(IF 5.4)
25. Sekhon R, Bharadwaj M, Modi KB, Giri S, Mehrotra R, Rawal SK (2016) Evaluation of expression profile of p16 ink4a in thin cervix smear, *Int Jour Gynec Can* 26, 164-164 (IF 2.1)
26. Verma, G, Vishnoi, K, Tyagi, A, Jadli, M, Singh, T, Goel, A, Sharma, A, Agarwal, K, Prasad, SC, Pandey, D, Sharma, S, Mehrotra R, Singh, S M Bharti, AC (2016), Characterization of key transcription factors as molecular signatures of HPV-positive and HPV-negative oral cancers. *Cancer Med* doi:10.1002/cam4.983 (IF 3.3)
27. Bandil K, Singhal P, Sharma U, Hussain S, Basu S, Parashari A, Singh V, Sehgal A, Shivam A, Ahuja P, Bharadwaj M, Banerjee BD, Mehrotra R. (2016) Impacts of TNF-LTA SNPs/haplotypes and lifestyle factors on oral carcinoma in an Indian population. *MolDiagnTher* 20(5):469-80. doi: 10.1007/s40291-016-0215-2 (IF 1.9)
28. HariprasadR, Mehrotra R. (2016) Role of accredited social health activists (ASHAs) in cancer screening in India: brightest 'Ray of hope' *Asian Pac Cancer Prev* 17: 3659 (IF 2.6)
29. Bhartiya D, Kumar A, Singh H, Sharma A, Kaushik A, Kumari S, Mehrotra R(2016) OrCanome: comprehensive resource for oral cancer. *Asian Pac Cancer Prev* 17: 3;1336-6 (IF 2.6)
30. Castellsagué X, Alemany L, Quer M, Halc G, Quirós B, Tous S, Clavero O,
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Alòs L, Biegner T, Szafarowski T, Alejo M, Holzinger D, Cadena E, Claros E, Hall G, Laco J, Poljak M, Benevolo M, Kasamatsu E, Mehanna H, Ndiaye C, Guimerà N, Lloveras B, León X, Ruiz-Cabezas JC, Alvarado-Cabrero I, Kang CS, Oh JK, Garcia-Rojo M, Iljazovic E, Ajayi OF, Duarte F, Nessa A, Tinoco L, Duran-Padilla MA, Pirog EC, Viarheichyk H, Morales H, Costes V, Félix A, Germar MJ, Mena M, Ruacan A, Jain A, Mehrotra R, Goodman MT, Lombardi LE, Ferrera A, Malami S, Albanesi EI, Dabed P, Molina C, López-Revilla R, Mandys V, González ME, Velasco J, Bravo IG, Quint W, Pawlita M, Muñoz N, Sanjosé SD, Xavier Bosch F. ICO International HPV in Head and Neck Cancer Study Group.(2016) HPV involvement in head and neck cancers: comprehensive assessment of biomarkers in 3680 patients *J Natl Can Inst*108 (6): 403 (IF 12.6)

31. Kumar A, Hussain S, Sharma G, Mehrotra R, Gissmann L, Das BC, Bharadwaj M.(2015) Identification and validation of immunogenic potential of India specific HPV-16 variant constructs: In-silico and in-vivo insight to vaccine development. *Sci Rep*5:15751 (IF 4.25)

32. Pandey A, Vishnoi K, Mahata S, Tripathi SC, Misra SP, Misra V, Mehrotra R, Dwivedi M, Bharti AC. (2015) Berberine and curcumin target Survivin and STAT3 in gastric cancer cells and synergize actions of standard chemotherapeutic 5-Fluorouracil. *Nutr Cancer*. 1-12. (IF 2.3)

33. Krishnan S, Dhillon PK, Bhadelia A, Schurmann A, Basu P, Bhatla N, Birur P, Colaco R, Dey S, Grover S, Gupta H, Gupta R, Gupta V, Lewis MA, Mehrotra R, McMikel A, Mukherji A, Naik N, Nyblade L, Pati S, Radhakrishna Pillai M, Rajaraman P, Ramesh C, Rath GK, Reithinger R, Sankaranarayanan R, Selvam J, Shanmugam MS, Shridhar K, Siddiqi M, Squiers L, Subramanian S, Travasso SM, Verma Y, Vijayakumar M, Weiner BJ, Reddy KS, Knaul FM. (2015) Report from a symposium on catalyzing primary and secondary prevention of cancer in India. *Cancer*

34. Sharma A, Gupta S, Sodhani P, Singh V, Sehgal A, Sardana S, Mehrotra R, Sharma JK. (2015) Glutathione S-transferase M1 and T1 Polymorphisms, Cigarette Smoking and HPV Infection in Precancerous and Cancerous Lesions of the Uterine Cervix. *Asian Pac J Cancer Prev.* 16(15):6429-38 (IF 2.5)
35. Shishodia G, Shukla S, Srivastava Y, Masaldan S, Mehta S, Bhambhani S, Sharma S, Mehrotra R, Das BC, Bharti AC. (2015) Alterations in microRNAs miR-21 and let-7a correlate with aberrant STAT3 signaling and downstream effects during cervical carcinogenesis. *Mol Cancer.* 9;14:116 (IF 6.2)
36. Parashari A, Singh V, Sehgal A, Mehrotra R (2015) AV Magnivisualizer: A Low cost screening technology for early detection of pre-cancerous and early cancerous lesions of the uterine cervix. *BMJ Innovations* 1: 99-102
37. Sharma V, Sonkar SC, Hussain S, Singhal P, Kumar A, Sharma S, Gupta S, Saluja D, Bharadwaj M, Ramachandran VG, Mehrotra R, Khan MA (2015) Impact of Oral Contraceptives and Smoking on the Susceptibility of Reproductive Tract Infections (RTIS) in Immunosuppressed Women: A Hospital Based Study. *Int J Curr Microbiol App Sci* 4(12): 363-374
38. Rajaraman P, Anderson BO, Basu P, Belinson JL, D'Cruz A, Dhillon P, Gupta PC, Jawahar TS, Joshi N, Kailash U, Kapambwe S, Katoch VM, Krishnan S, Panda D, Sankaranarayanan R, Selvam JM, Shah KV, Shastri S, Shridhar K, Siddiqi M, Sudha S, Seth T, Srivastava A, Trimble T, Mehrotra R (2015) Recommendations for screening and early detection of common cancers in India. *Lancet Oncol* 16: e352–61 (IF 33.9)
39. Krishnan S, Sivaram S, Anderson BO, Basu P, Belinson JL, Bhatla N, D'Cruz
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- A, Dhillon P, Gupta PC, Joshi N, Jhulka PK, Kailash U, Kapambwe S, Katoch VM, Kaur P, Kaur T, Mathur P, Prakash A, Sankaranarayanan R, Selvam JM, Seth T, Shah KV, Shastri S, Siddiqui M, Srivastava A, Trimble T, Rajaraman P, Mehrotra R(2015) Using implementation science to advance prevention in India. *Asian Pac J Cancer Prev*16(9):3639-44(IF2.5)
40. Mannan R, Singh PA, Misra V, Singh M, Mehrotra R, Tewarson SL, Gupta A, Mannan M. (2015) Comparative Changes Noted in Renal Biopsies on Light Microscopy of ANCA Positive Vs ANCA Negative Serology. *J Clin Diagn Res* 9(4) EC01-EC06 (IF 0.13)
41. Shishodia G, Verma G, Srivastava Y, Mehrotra R, Das BC, Bharti AC. (2015) Deregulation of microRNAs Let-7a and miR-21 mediate aberrant STAT3 signaling during human papillomavirus-induced cervical carcinogenesis: role of E6 oncoprotein. *BMC Cancer* 14:116 (IF 3.2)
42. Sharma V, Sonkar SC, Hussain S, Singhal P, Kumar A, Sharma S, Gupta S, Saluja D, Bharadwaj M, Ramachandran VG, Mehrotra R, Khan MA Impact of oral contraceptive and smoking on the susceptibility of reproductive tract infections (RTIS) in immunosuppressed women: A hospital based study. *Int J Curr Microbiol Appl Sci* 4(2015) 363.
43. Lunde ML, Roman E, Warnakulasuriya S, Mehrotra R, Laranne J, Vasstrand EN, Ibrahim SO. (2014) Profiling of chromosomal changes in potentially malignant and malignant oral mucosal lesions from South and South-East Asia using array-comparative genomic hybridization. *Cancer Genomics & Proteomics*.11(3):127-40 (IF 1.89)
44. Sharma A, Pandey A, Sharma S, Chatterjee I, Mehrotra R, Sehgal A, Sharma JK (2014). Genetic polymorphism of glutathione S-transferase P1 (GSTP1) in Delhi population and comparison with other global
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populations. *Meta Gene*.20;2:134-42.

45. Pandey A, Tripathi SC, Mahata S, Vishnoi K, Shukla S, Misra SP, Misra V, Hedau S, Mehrotra R, Dwivedi M, Bharti AC. (2014) Carcinogenic Helicobacter pylori in gastric pre-cancer and cancer lesions: association with tobacco-chewing. *World J Gastroenterol*. 14;20(22):6860-8. (IF 2.4)
46. Thakur B, Mehrotra R, Nigam JS. (2013) Correlation of various techniques in diagnosis of tuberculous lymphadenitis on fine needle aspiration cytology. *Pathol Res Int* 2013:824620.
47. Sharma A, Das BC, Sehgal A, Mehrotra R, Kar P, Sardana S, Phukan, Mahanta J, Purkayastha J, Saxena S, Kapur S, Chatterjee I, Sharma JK. (2013) GSTM1 and GSTT1 polymorphism and susceptibility to esophageal cancer in high- and low-risk regions of India. *Tumor Biol* 34(5):3249-57 (IF 3.64)
48. Sinha R, Hussain S, Mehrotra R, Kumar RS, Kumar K, Pande P, Doval DC, Basir SF, Bharadwaj M. (2013) Kras Gene Mutation and RASSF1A, FHIT and MGMT gene promoter hypermethylation: indicators of tumor staging and metastasis in adenocarcinomatous sporadic colorectal cancer in Indian population. *PLoS ONE* 8(4) (IF 2.8)
49. Chaudhary AK, Pandya S, Singh M, Singh M, Mehrotra R. (2013) Identification of high risk human papillomavirus (HPV-16 & 18) infection by multiplex PCR (MPX-PCR) and its expression in oral sub mucous fibrosis and oral squamous cell carcinoma. *Head Neck Oncol* 4;5(1):4 (IF 3.14)
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- TECHNICAL REPORT:

- Report of the expert group consultation on smokeless tobacco and public health in WHO-SEAR countries: 27-28 July 2015, Mumbai, India (http://www.searo.who.int/tobacco/meetings/sea_tobacco_23_slit_mumbai_july_2015_report.pdf?ua=1)
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- SUBMITTED :

Hariprasad R, Mehrotra R, Retention of knowledge levels of health care providers in cancer screening through tele-mentoring. (*Chronic Disease Prevention*)

- BOOK:

Mehrotra R, Ed. (2013) Oral Cytology - a concise guide. Springer, NY.

- **BOOK CHAPTERS:**

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- **Mehrotra R, Hariprasad R (2015) Integrated cancer screening strategies in India. In Multi-targeted approach to treatment of cancer. Gandhi V, Mehta K, Grover R, Pathak S, Agarwal BB (Eds) Springer. New York pp. 167-78**
 - **Bharadwaj M, Hussain, S, Tripathi R, Singh N, Mehrotra R (2014) Human Pailomavirus (HPV) Diagnosis and treatment In Animal Biotechnology: Models in discovery and translation . Verma A, Singh A (Eds) Elsevier pp.95-120**
 - **Mehrotra R, Singh M (2004) The role of brush biopsy in the diagnosis of cancer. Ed. Verma A. Zoology and Human Welfare. Section on Human Health and Biomedical research. Narosa Publishing House, New Delhi pp.81-86.**
 - **Mehrotra R, Gupta A, Singh M (2004) Efficacy of brush biopsy in the early diagnosis of oral soft tissue lesions. Verma AK. Tobacco Counters Health. Vol. III. Macmillan India, New Delhi pp.216-219.**
 - **Mehrotra R. (2003) Oral Cancer in Allahabad (North India) with special reference to prevention and early diagnosis. Verma AK. Oral Cancer IX. Macmillan India, New Delhi.**
 - **Mehrotra R. (2002) Cytologic evaluation of sequential oral smears during radiation therapy. Verma AK. Oral Cancer VIII. Macmillan India, New Delhi. pp.114-119.**
 - **Mehrotra R, Puri RK (1999) Interleukin 4 and oral cancer. In Verma AK. Oral Cancer VI. Macmillan India, New Delhi. pp. 59-62**
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ACADEMIC MEETINGS/CONFERENCES ORGANIZED:

ORGANIZING SECRETARY

- **Brain storming session on “Base pair to Bedside : Genomics and Cancer Prevention” March 2015, Noida**
- **International workshop on Cancer Screening Strategies, September 2013, New Delhi in partnership with US-NCI**
- **2nd Int’l meeting on Frontiers in Prevention, Diagnosis and Therapy of Cancer, January 2012, Allahabad.**
- **1st Int’l meeting on Frontiers in Prevention, Diagnosis and Therapy of Cancer, November 2009, Allahabad.**
- **Indian Academy of Cytologists, 37th Annual National Conference (CYTOCON-2007) November 2007, Allahabad.**
- **National Update on Oral Precancer and Cancer, Challenges Ahead-2006, February 2006, Allahabad**
- **Conference of UP Chapter of Indian Association of Pathologists and Microbiologists & CME, October 2004, Allahabad.**

CO-ORGANIZING SECRETARY

Intl. Continuing Medical Education of IAD_IP at IAPM conference, February 2011, Allahabad
