**Prof. Ravi Mehrotra**

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**Summary**

He founded the Centre for Health, Innovation and Policy Foundation in India and served as the Chief Executive Officer of the ICMR-India Cancer Research Consortium. As the Director of the ICMR-National Institute of Cancer Prevention and Research, he established the WHO-FCTC Global Knowledge Hub for Smokeless Tobacco Products and the National Tobacco Testing Laboratory.

Additionally, he has held many academic positions, including Professor of Pathology at the M.L.N. Medical College in Uttar Pradesh, and has contributed to cancer genomics research as a Senior Research Advisor at Datar Cancer Genomics. His work as a Key Opinion Leader and subject matter expert has significantly advanced cancer prevention, research, and policy both in India and internationally.

**Current Positions**

* **Chief Medical Officer**, Open Health Sciences Laboratory, Alameda, CA
* **Hon. Professor**, College of Health, Medical and Life Sciences, Brunel University, London,
* **Adjunct Professor**, Rollins School of Public Health, Emory University, Atlanta, GA
* **Affiliate Investigator**, Cancer Prevention Program-HABIT Lab, Fred Hutchinson Cancer Center, Seattle, WA
* **Extraordinary Professor**, Pan African Cancer Research Institute, University of Pretoria, South Africa
* **Board of Directors**, Indian Cancer Genome Atlas, Pune, India
* **Founder**, Centre for Health, Innovation and Policy Foundation, Noida, India

**Work Experience**

* **Adjunct Professor**, Rollins School of Public Health, Emory University, Atlanta, GA (2018-Present)
* **Senior Consultant Epidemiology**, National Foundation of the Centre for Disease Control, Atlanta, GA (2021-2022)
* **Founder**, Centre for Health, Innovation and Policy Foundation, India (2020-Present)
* **Member, Board of Directors**, Indian Cancer Genomic Atlas, Pune (2020-Present)
* **Senior Research Advisor**, Datar Cancer Genomics, India, Germany, UK (2021-2021)
* **Founder and Chief Executive Officer**, ICMR-India Cancer Research Consortium, New Delhi (2019-2021)
* **Director**, ICMR-National Institute of Cancer Prevention and Research (2012-2019)
	+ Founder-Director, WHO-FCTC Global Knowledge Hub for Smokeless Tobacco Products
	+ National Tobacco Testing Laboratory
* **Faculty, Professor and Head of Pathology**, Medical College, Uttar Pradesh (1991-2012)

**Awards**

* 2024 Most Cited Paper Award. Indian Journal of Gynecologic Oncology
* 2023 Dr. P.N. Wahi Oration Award (Indian Academy of Cytologists)
* 2016 Ernest Fernandes Slide Seminar Award (Indian Academy of Cytologists)
* 2016 Dr. Prem Nath Wahi Award for Clinical Cytology & Preventive Oncology (Indian Council of Medical Research)
* 2015 Dr. Lachman Award for Cancer Awareness and Research (Indian Medical Association)
* 2012 Anoop Tripathi Award Oration (Indian Medical Association, Academy of Medical Specialties - UP Branch)
* 2010 Indian Council of Medical Research Senior International Fellowship as Visiting Professor of Pathology at the Medical College of Wisconsin, Milwaukee, WI
* 2008 Dr. R.K. Menda Award Oration (Indian Medical Association-Academy of Medical Specialties)
* 2007 American Cancer Society University Scholarship, New Delhi
* 2006 American Cancer Society University Scholarship, Washington DC
* 2000 World Health Organization Training Award in Cytopathology at the University of Pennsylvania Medical Center, Philadelphia and Johns Hopkins Medical Center, Baltimore, MD
* 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 Biologic Evaluation and Research, FDA, Bethesda, MD
* 1994 International Cancer Research Technology Transfer Award of the Union International Contre le Cancer in the Division of Cytopathology, Christchurch Hospital, New Zealand
* 1985 R. D. Birla Memorial Fund Scholarship for Oncology Training, Christchurch Hospital, New Zealand

**Honorary Director/Adviser/Memberships of Scientific Bodies**

* **Director**, Indian Cancer Genome Atlas, Pune
* **Expert**, Evaluation Committee, International Atomic Energy Agency, Vienna, Austria
* **Chair**, Expert Group: National Tobacco Regulators Forum, Govt. of India
* **Member**, Scientific Support Group for analysis and conducting research for National Tobacco Testing Laboratories, Govt. of India
* **Chief Medical Officer and Member**, Council of Advisors on Science and Technology, Open Health Sciences Laboratory, Alameda, CA, USA

**Visiting Professorships/Adviserships/Memberships**

* **Adjunct Professor of Epidemiology**, Rollins School of Public Health, Emory University, Atlanta, GA
* **Extraordinary Professor**, Pan African Cancer Research Institute, University of Pretoria, South Africa
* **Visiting Professor**, Department of Public Health and Society, School of Health Sciences, University of York, UK (till Nov. 2024)
* **Honorary Professor**, College of Health, Medical and Life Sciences, Brunel University, London, UK
* **Affiliate Investigator**, Division of Public Health Sciences Cancer Prevention Program, Fred Hutchinson Cancer Center, Seattle, WA
* **Member**, Steering Committee, Centre for Global Oncology, Institute of Cancer Research, London, UK
* **Member**, Council of Scientific Team, Open Health Sciences Laboratory, Alameda, CA
* **Member**, Management Committee, Indian Cancer Society, New Delhi Branch, India
* **Member**, India Advisory Team, One Health Trust, New Delhi, India
* **Founder**, Centre for Health Innovation and Policy Foundation, Noida, India
* **Advisor**, Asian Cancer Support Group

**Fellowships/Memberships of Academic Societies**

* Royal College of Pathologists (Fellow)
* Cochrane Group (Member 2022-25)
* National Academy of Medical Sciences (Fellow)
* International Academy of Pathology-ID (Member)
* Indian Association of Cytologists (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)
* IMA – Academy of Medical Specialties (Fellow)
* Association of Fellows of the International Union Against Cancer (Life Member)
* Indian Medical Association, Allahabad (Vice President Allahabad branch, 2011-12 & Life member)

**Research Activities/Grants**

* The SCIMITAR-South Asia programme to address tobacco-related multiple long-term conditions in Severe Mental Illness. Research and Innovation for Global Health Transformation (RIGHT) Programme (National Institute of Health Research, UK) 2024-27
* Addressing smokeless tobacco and building research capacity in South Asia - ASTRA (National Institute of Health Research, UK) 2018-21
* Global Knowledge Hub on Smokeless Tobacco (ICMR) 2018-20
* Capacity building in cancer prevention and early detection through the ECHO Model (Tata Education & Development Trust) 2018-19
* National Tobacco Testing Laboratory at NICPR (Ministry of Health, Government of India) 2018-19
* Smokeless tobacco prevalence in high burden states of India. (The International Union Against Tuberculosis and Lung Disease) 2018-2020
* Health Promotion Clinic (ICMR) 2017-19
* Setting up of a Cancer Portal (ICMR) 2017-19
* Niswani in breast disorders (Min. of Ayush) 2017-19
* Global Knowledge Hub on Smokeless Tobacco (WHO FCTC Secretariat) 2016-17
* The Second Phase of Biomedical Informatics Centers of the Indian Council of Medical Research 2013-18
* Matrix metalloproteinases and Collagen 4 status in Oral submucous fibrosis (Dept. of Science and Technology Res. Grant, Govt. of India) 2008-11
* MMP/TIMP in Oral submucous fibrosis (University. Grants Commission Res. Grant) 2008-10
* Interleukin 4/13R status in oral malignancies/malignancies (Dept. of Biotechnology, Dept. of Science and Technology Res. Grant, Govt. of India) 2001-03
* Cancer Registry in Noida (ICMR) 2017-20
* HPV status in oral premalignancy (Dept. of Science and Technology Res. Grant, Govt. of India) 2009-12

**Editorial Activities**

* **Nicotine & Tobacco Research** (Associate Editor 2022-Present)
* **WHO IARC-IAC** (Member-Cytopathology Standing Editorial Board 2020-2022)
* **WHO Classification of Head and neck tumours** (Member - Editorial Board 2022-23)
* **Cytojournal** (Member- International Editorial Panel 2010-Present)
* **Diagnostic Cytopathology** (Member-Editorial board 2010- Present)
* **Acta Cytologica** (Member- Editorial-advisory board 2010-13 & 2021-Present)
* **Cytopathology** (Member- Editorial-advisory Board 2021-Present)
* **Current Oncology** (Member - Editorial Board 2022-Present)
* **Asian Pacific Journal of Cancer Care** (Member-Editorial board 2019- Present)
* **Analytic and Quantitative Cytology & Histology** (Member-Editorial board 2012- Present)
* **Asian Pacific Journal of Cancer Prevention** (Member- Editorial Board 2010-Present)
* **The Asian Pacific Journal of Environment and Cancer** (International Advisory Board 2019-Present)
* **Indian Journal of Pathology and Microbiology** (Member-Editorial board 2006-8 & 2017-Present)
* **Artificial Intelligence in Cancer** (Member- Editorial Board 2021-Present)
* Ad hoc reviewer for more than 15 major global journals, including Lancet, BMJ, etc.

**Organizational/Academic Leadership Roles:**

**Indian Academy of Cytologists**

* National President, 2011
* President, UP Chapter of the Indian Academy of Cytologists, 2018
* Organized the Annual National Conference (CYTOCON-2007) and workshop on fluid cytology
* Executive Council member (2005-2007)
* Chairman/Co-chairman at scientific sessions/workshops

**Institute of Health Metrics & Evaluation, Seattle, WA**

* Subject matter expert for the Global Burden of Disease studies

**ACADEMIC/SCIENTIFIC LEADERSHIP ACTIVITIES:**

* Member of the International Scientific Advisory Committee of the Pan African Cancer Research Institute (PACRI), Pretoria, South Africa
* Trained Assessor, University Grants Commission - National Academic Accreditation Council, Bangalore
* Examiner at MBBS, MD, PhD, and MSc levels for India, Australia, South Africa, and Malaysia
* Member of the General Selection Committee for the post of Professor/Associate Professor at various universities

**Academic Meetings/Conferences Organized:**

**Organizing Chairman**

* Indian Academy of Cytologists (UP Chapter Cytocon) 2019, Noida

**Organizing Secretary**

* Workshop on Tobacco/Areca nut control, August 2018, NICPR, Noida
* Workshop on Priorities in Smokeless Tobacco Control: Research and training needs, November 2017, NICPR, Noida
* Workshop on Early detection of breast cancer, October 2017, NICPR, Noida, India
* WHO-FCTC-SLT Hub Inter-country Meeting on Smokeless Tobacco Policy, August 2017, New Delhi
* Workshop on the training of staff nurses, May 2017, NICPR, Noida
* Health Infotainment, May 2017, NICPR, Noida
* Workshop on Cervical Cancer detection, May 2017, NICPR, Noida
* Workshop on the application of statistical software, February 2017, NICPR, Noida
* Workshop on Cervical Cancer, January 2017, NICPR, Noida
* Workshop on Basic Molecular Biology Techniques, April 2016, NICPR, Noida
* Start of Global Knowledge Hub on Smokeless Tobacco, April 2016, NICPR, Noida
* India International Trade Fair (IITF 2015), Delhi
* Workshop - Brainstorming Session on "Base-Pair to Bedside," March 2015, NICPR, Noida
* Cancer Research in The Media - International Workshop for Scientific Journalism, October 2015, NICPR
* Brainstorming Session on "Developing Diagnostics for Oral Cancer," November 2015, NICPR, Noida
* Inauguration of Data Management Laboratory, January 2015, NICPR, Noida
* Developing Diagnostics for Oral Cancer, November 2015, NICPR, Noida
* Brainstorming session on "Base pair to Bedside: Genomics and Cancer Prevention," March 2015, NICPR
* International workshop on Cancer Screening Strategies, September 2013, New Delhi, in partnership with US-NCI
* 2nd International Meeting on Frontiers in Prevention, Diagnosis & Therapy of Cancer, January 2012, Allahabad
* 1st International Meeting on Frontiers in Prevention, Diagnosis & Therapy of Cancer, November 2009, Allahabad
* Indian Academy of Cytologists, 37th Annual National Conference (CYTOCON-2007), November 2007, Allahabad
* National Update on Oral Pre-cancer and Cancer, Challenges Ahead, February 2006, Allahabad
* Conference of UP Chapter of Indian Association of Pathologists and Microbiologists & CME, October 2004, Allahabad

**Co-Organizing Secretary**

* International Continuing Medical Education of IAD-ID at IAPM conference, February 2011, Allahabad

**Publications:**

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| [H index (Scopus):](https://www.scopus.com/authid/detail.uri?authorId=7203045563) 59[Google Scholar profile](https://scholar.google.co.in/citations?hl=en&user=H2L_r60AAAAJ&view_op=list_works)[Scopus ID: 7203045563](https://www.scopus.com/authid/detail.uri?authorId=7203045563)[Web of Science](https://www.webofscience.com/wos/author/record/E-3285-2010): E-3285-2010 [ORCID ID: 0000-0001-9453-1408](https://orcid.org/0000-0001-9453-1408)

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[Research Gate Interest score:](https://www.researchgate.net/profile/Ravi-Mehrotra-2/stats) 28916* **Mehrotra R,** Lauby-Secretan B (2025) Smokeless tobacco is a major risk factor for oral cancer in South and Southeast Asia. *Oral Dis* (in Print)
* Bricker JB, Santiago-Torres M, Mull KE, Sullivan BM, **Mehrotra R (**2025) Population-Level Dissemination of a Smoking Cessation Smartphone App: Comparison of Values-Based Messages in Social Media Advertisements. JMIR Preprints. 22/01/2025:71619 DOI: [10.2196/preprints.71619](https://doi.org/10.2196/preprints.71619)
* GBD Collaborators**, Mehrotra R** et al (2024) Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021 *Lancet Public Health* PMID: 39366729
* Saini KS, Somara S, Ko HC, Thatai P, Wallen ZD, Green MF, **Mehrotra R**, McGuigan S, Pang L, Das S, Yadav K, Neric D, Cantini L, Joshi C, Iwamoto K, Dubbewar S, Vidal L, Chico I, Severson E, Lorini L, Badve S, Bossi P. (2024) Biomarkers in Head and Neck Squamous Cell Carcinoma: Unraveling the Path to Precision Immunotherapy.  *Front Oncol* PMID: 39439946
* Rahman MM, Rahman MS, Islam MR, Gilmour S, Haruyama R, Budukh A, Shankar A, Mishra G, **Mehrotra R**, Matsuda T, Inoue M, Abe SK. (2024) Regional variations and inequalities in early detection of breast and cervical cancer: evidence from a nationally representative survey in India. *Jour Epidemiol* PMID: 39245580
* Abdullah SM, Huque R, Siddiqi K, Kanaan M, Huque S, Ullah S, Garg S, Singh MM, Deshmukh C, Borle AL, Iqbal R, Mazhar L, Parascandola M, **Mehrotra R**, Croucher R, Khan Z. (2024) Non-compliant packaging and illicit smokeless tobacco in Bangladesh, India and Pakistan: Findings of a Pack Analysis. *BMJ Tob Control* PMID: 36167826
* Ledesma JR, Ma J, **Mehrotra R** et al (2024) [Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease](https://scholar.google.co.in/scholar_url?url=https://www.thelancet.com/journals/laninf/article/PIIS1473-3099(24)00007-0/fulltext&hl=en&sa=X&d=1345941311103536648&ei=_KP9ZfGPAdio6rQP95mt8Aw&scisig=AFWwaeYPm3qu-KPokPEpIuLe2kIH&oi=scholaralrt&hist=H2L_r60AAAAJ:7728352707390799446:AFWwaeYLL6rnw8LuaxzWuly50jUe&html=&pos=0&folt=art&fols=)*Lancet Infectious Dis* PMID: 38518787
* Coyle K, Singh PK, Kaushik R, Huque R, Khan Z, **Mehrotra R,** Siddiqi K, Pokhrel S. (2024) The lifetime health and economic burden of smokeless tobacco use in Bangladesh, India and Pakistan: results from ASTRAMOD. *Nicotine Tob Res* PMID: 38715337
* Schumacher AE, **Mehrotra R** et al (2024) Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet PMID: 38484753*
* Jahangir CA, **Mehrotra R** et al (2024) Image-Based Multiplex Immune Profiling of Cancer Tissues: Translational Implications. A Report of the International Immuno-Oncology Biomarker Working Group on Breast Cancer. *J Pathology* *PMID: 38230434*
* Saini H, Basu P, Nesari T, Huddar VG, Ray K, Srivastava A, Gupta S, **Mehrotra R,** Tripathi R. (2024) Therapeutic and pharmacological efficacy of plant-derived bioactive compounds in targeting breast cancer. *Am Jour Transl Res* PMID: 38883353
* Centeno BA, Saieg M, Siddiqui MT, Perez-Machado M, Layfield LJ, Weynand B, Reid MD, Stelow EB, Lozano MD, Fukushima N, Cree IA, **Mehrotra R**, Schmitt FC, Field AS, Pitman MB. (2024) The World Health Organization Reporting System for Pancreaticobiliary Cytopathology: Overview and Summary. *Cancer Cytopathol* PMID: 38709670
* Ong SK, Haruyama R, Yip CH, Ngan TT, Li J, Lai D, Zhang Y, Yi S, Shankar A, Suzanna E, Jung SY, Ho PJ, Yusuf A, Nessa A, Jung KW, Fernando E, Baral S, Bagherian M, Pradhan P, Jugder U, Vongdala C, Yusof SN, Thiri K, Sripan P, Cairo C, Matsuda T, Sangrajran S, Kiak-Mien Tan V,  **Mehrotra R,** Anderson BO. (2024) Feasibility study on monitoring of breast cancer control using the WHO’s Global Breast Cancer Initiative (GBCI) Framework indicators in 21 Asian National Cancer Centers Alliance (ANCCA) member countries. e*ClinicalMedicine* PMID: 38125964
* Field AS, Pitman M, Cree I, Canberk S, Bubendorf L, **Mehrotra R**, Schmitt F. (2023) The rationale for the development and publication of the WHO Reporting Systems for Cytopathology and a brief overview of the first editions of the Lung and the Pancreaticobiliary Systems. *Cancer Cytopathol* PMID: 37702127
* Thagaard J, **Mehrotra R.** et al. (2023) Pitfalls in machine Learning-Based Assessment of Tumor-Infiltrating Lymphocytes in Breast Cancer: a Report of The International Immuno-Oncology Biomarker Working Group *J Pathol* PMID: 37608772
* Canberk S, Field A, Bubendorf L, Chandra A, Cree IA, Engels M, Hiroshima K, Jain D, Kholová I, Layfield L, **Mehrotra R**, Michael C, Osamura R, Pitman MB, Roy-Chowdhuri S, Satoh Y, VanderLaan P, Zakowski M, Schmitt FC. (2023) A Brief Review of the WHO Reporting System for Lung Cytopathology, *J Am Soc Cytopathol* PMID: 37156705
* **Mehrotra R**, Yadav K, Siddiqi K. (2023) Tobacco Dependence in Adolescents: What lies ahead? *Am J Public Health* PMID: 37406268
* Stanfill SB, Hecht SS, Joerger AC, Gonzalez P, Maia L, Rivas M, Moura JJG, Gupta AK, Kaina B, Le Brun NE, Crack JC, Hainaut P, Pillai SD, Henley J, Zaatari GS, Rivera AR, Tyx RE, Blount BC, Watson CH, **Mehrotra R.** (2023) From Cultivation to Carcinogenesis: N-nitrosamine formation in smokeless tobacco through Bacterial Metabolism and Its Implications. *Crit Rev Toxicol* PMID: 38050998
* Page D, **Mehrotra R.** et al. (2023) Spatial analyses of immune cell infiltration in cancer: current methods and future directions: a report of The International Immuno-Oncology Biomarker Working Group. *J Pathol* PMID: 37608771
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* Shivashankara MS, Banerjee J, **Mehrotra R**, Wildes TM. (2023) Improving the care of hematological malignancies in older Indian Population by integrating geriatric assessment: Where do we stand and challenges ahead? *J Geriatr Oncol* PMID: 37258397
* Aggarwal A, Dhillon PK, Rama R, Mohan D, Kondal D, Kaushik N, Bumb D, **Mehrotra R,** Kohler BA, Mohan V, Gillespie TW, Patel A, Swaminathan R, Prabhakaran D, Ward K, Goodman M. (2023) Linking Population Based Cohorts with Cancer Registries In LMIC: A Case Study and Lessons Learned in India. *BMJ Open* PMID: [36878651](https://pubmed.ncbi.nlm.nih.gov/36878651)
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* Shrivastav R, Rawal T, Kataria I, **Mehrotra R**,Arora M. (2023) Accelerating India's response to curb Non-Communicable Diseases: an imperative to mitigate the dual global public health crises of Non-Communicable Diseases and COVID-19. *Lancet Reg Health Southeast Asia* PMID: 36570060
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* Kaur J, Sood A, Ralhan R, Lakshmi K, Bahadur S, Kant S, Datta Gupta S, Pandey RM, Julka PK, Priyanka R, Rath GK, **Mehrotra R**, Mishra D, Srivastava A. (2023) Genetic polymorphism of CYP1A1 and GSTM1 amongst Indian tobacco consumers with risk evaluation of oral cancer and precancer development - a case-control study. *Indian Jour Surg* https://doi.org/10.1007/s12262-023-03670-x
* Bouvard V, Nethan ST, Singh D, Warnakulasuriya S, **Mehrotra R,** Chaturvedi AK, Chen TH, Ayo-Yusuf OA, Gupta PC, Kerr AR, Tilakaratne WM, Anantharaman D, Conway DI, Gillenwater A, Johnson NW, Kowalski LP, Leon ME, Mandrik O, Nagao T, Prasad VM, Ramadas K, Roitberg F, Saintigny P, Sankaranarayanan R, Santos-Silva AR, Sinha DN, Vatanasapt P, Zain RB, Lauby-Secretan B.(2022) The IARC perspective on oral cancer prevention. *New Engl J Med* PMID: 36378601
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* Global Burden of disease 2019 antimicrobial resistance collaborators, **Mehrotra R** et al. (2022) Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* PMID: 36423648
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* Setlai BP, Mkhize-Kwitshana ZL, **Mehrotra R**, Mulaudzi TV, Dlamini Z. (2022) Microbiomes, Epigenomics, Immune Response, and Splicing Signatures Interplay: Potential Use of Combination of Regulatory Pathways as Targets for Malignant Mesothelioma. *Int J Molec Sc* PMID: 36012262
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* Kaushik A, Kuriakose S, Aggarwal A, **Mehrotra R**, Prabhakaran D, Krithiga G. (2022) Health care Providers' Perspective of COVID-19 Pandemic on Cancer Treatment, Screening and Early Detection Services in India.*Indian J Med Res* PMID: 35975351
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* Tamí-Maury I, Nethan ST, Feng Jessy, Mi Hongyu, Delclos G, **Mehrotra R.** (2022) Evidence of areca nut consumption in the United States mainland: A cross-sectional study. *BMC Public Health*PMID: 35525926
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