

The Cancer Prevention Research Conference

June 25–27, 2024, Boston, USA



PANELPROGRAMME

Tuesday 25 June

08:30 – 10:00	Registration, networking and poster set-up
10:00 – 10:10	Welcome from the partners American Cancer Society Cancer Research UK National Cancer Institute
10:10 – 10:15	Welcome Tim Rebbeck, Harvard University
10:15 – 11:00	Keynote address Chair: Tim Rebbeck, Harvard University Speaker: Karen Canfell, University of Sydney
11:00 – 11:10	Comfort break
11:10 – 13:10	Mechanistic insights informing prevention strategies <i>This session will focus on showcasing relevant research from discovery research through translational science to population-based studies, that shed light on cancer and pre-cancer genesis/aetiology with line of sight to future precision prevention interventions through mechanistic understanding.</i> Co-chairs: Frances Balkwill, Queen Mary University London Catriona Jamieson, University of California San Diego Speakers: Ahmed Ahmed, Oxford University Wendy Garrett, Harvard University Thea Tlsty, University of California San Francisco Catriona Jamieson, University of California San Diego
13:10 – 13:30	Mechanistic insights informing prevention strategies – flash talks T cell dysregulation directs interception of early pulmonary carcinogenesis Samuel Gamble, PhD student, University College London Mapping the Gut Microbiome Signature Along The Colorectal Adenoma–Carcinoma Continuum Ana Nogal, Postdoctoral fellow, Harvard T.H. Chan School Premalignant cellular changes associated with BRCA mutations are targets for interception Sara Pensa, Senior Research Associate, University of Cambridge Anti-progestin therapy targets hallmarks of breast cancer risk through epithelial-stromal remodelling Bruno Simões, Research Fellow, University of Manchester
13:30 – 14:30	Lunch, exhibition and poster viewing
14:30 – 15:30	Hot topic: structured networking session

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15:30 – 16:00	Networking break and exhibition
16:00 – 18:00	<p>Health inequities in cancer incidence and prevention <i>This session will focus on highlighting the importance of preventative interventions to reduce inequities (such as socioeconomic, behavioural and biological factors) in cancer incidence and avoid any further exacerbation.</i></p> <p>Co-chairs: Salvatore Vaccarella, International Agency for Research on Cancer Chanita Hughes Halbert, USC Norris Comprehensive Cancer Center</p> <p>Speakers: Ophira Ginsburg, NCI Tiffany Carson, Moffitt Cancer Center Samilia Obeng-Gyasi, The Ohio State University</p>
18:00 – 18:20	<p>Health inequities in cancer incidence and prevention – flash talks</p> <p>Contextualizing the use of intravaginal practices as a potential risk factor for HPV infection among Haitian immigrant women Dominique Guillaume, PhD Candidate, Johns Hopkins University</p> <p>Health inequities in cancer incidence and prevention Wei Yi Kong, Research Associate, Mayo Clinic</p> <p>Oral potentially malignant disorders (OPMDs) and its associated risk factors in tribal and rural vulnerable populations of Gadchiroli-India. Nandu Meshram, Student, Society for Oral Cancer and Health</p> <p>Is There a Wellness Advantage for Immigrants? Unveiling the 'Healthy Immigrant Effect' in Elderly Asians with Cancer Through Population-based Assessment Manan Nayak, Research Scientist, Dana-Farber Cancer Institute</p> <p>A feasibility randomised controlled trial of offering smoking cessation for people receiving online psychological support for common mental health difficulties. Deborah Roy, Post-doctoral Research Associate, University of Bath</p>
18:20 – 18:30	<p>Closing remarks Tim Rebbeck, Harvard University</p>

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Wednesday 26 June

08:00 – 09:00	Light breakfast
09:00 – 09:05	Opening remarks Thea Ilsty, University of California San Francisco
09:05 – 10:05	Panel session: the way forward for obesity, cancer risk and prevention <i>This panel discussion session will focus on the future of addressing obesity-related cancer, which is emerging to be a significant global risk factor, whilst we investigate the underlying mechanism(s) of obesity-induced cancer risk.</i> Chair: Giles Yeo, Cambridge University Speakers: Stephen Hursting, University of North Carolina David Ludwig, Harvard University Mary Playdon, University of Utah Lin Yang, Alberta Health Services
10:05 – 11:00	Public and patient panel session Facilitator: Sarah Blagden, University of Oxford Speakers: Lisa Townsend, Co-Chair of the Patient and Public Review Panel, Cancer Research UK Angela King, Independent Patient Public Involvement Collaborator Mark Kennedy, patient advocate and Senior Program Manager, Boston Public Health Commission Dave Dubin, patient advocate and Founder, AliveandKick'n
11:00 – 11:30	Networking break and exhibition
11:30 – 13:30	Deepening understanding of risk <i>This session will focus on better understanding the confluence of various risk factors (genetic, environmental, modifiable) at an individual and population level to better identify those at higher risk who would therefore benefit from preventive intervention (or more intensive strategies).</i> Co-chairs: Sapna Syngal, Dana Farber Cancer Institute Rudolf Kaaks, DKFZ German Cancer Research Centre Speakers: Neeha Zaidi, John Hopkins University Tuya Pal, Vanderbilt University Medical Center Anneke Lucassen, Oxford University Mathias Heikenwäld, DKFZ
13:30 – 13:50	Deepening understanding of risk – flash talks Bridging Disparities in Hereditary Cancer Risk Assessment: Implementing Universal Screening at two FQHC Primary Care Clinics Vivian Pan, PhD student, University of Illinois Cancer Center

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	<p>Perturbations in the blood metabolome up to a decade before prostate cancer diagnosis in 4,387 matched case-control sets from the European Prospective Investigation into Cancer and Nutrition Zoe Grenville, PhD student, University of Oxford</p> <p>Elucidating the relationship of heavy metals and breast cancer risk in Canada: Insights from the Canadian Health Measures Survey Katherine Pullella, PhD Candidate, University of Toronto</p>
13:50 – 14:50	Lunch, exhibition and poster viewing
14:50 – 15:35	<p>Keynote address Chair: Thea Tlsty, University of California, San Francisco Speaker: Michael Karin, University of California, San Diego</p>
15:35 – 16:05	<p>Debate session: Chemoprevention is dead</p> <p><i>Decades of research on preventive intervention with drugs or compounds taken from dietary sources have failed to produce a clear win. We should stop trying and move on to other modalities of intervention.</i></p> <p>Chair: David Crosby, Cancer Research UK</p> <p>Speakers:</p> <ul style="list-style-type: none">• Against the statement – Karen Brown, University of Leicester• For the statement – Professor Scott Lippman, University of California San Diego
16:05 – 16:30	Networking break and exhibition
16:30 – 17:15	<p>Panel session: what does the emerging biological understanding of very early dissemination mean for cancer prevention? <i>This panel discussion session will focus on the recently emerging data indicating dissemination of circulating aberrant cells may be a much earlier event than previously understood – happening even prior to malignant transformation of the primary lesion.</i></p> <p>Chair: Julio A. Aguirre-Ghiso, Albert Einstein College of Medicine to be confirmed</p> <p>Speakers: Suzanne Ponik, University of Wisconsin-Madison Hege Elisabeth Giercksky Russnes, University of Oslo</p>
17:15 – 17:35	<p>Special Lecture: 60 years since establishing the link between smoking and cancer Professor Sir Richard Peto</p>
17:35 – 17:45	<p>Closing remarks Thea Tlsty, University of California San Francisco</p>
17:45 – 19:00	<p>Networking drinks Fogo de Chão, 200 Dartmouth Street, Boston, Massachusetts 02116</p>

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Thursday 27 June

09:00 – 09:30	Light breakfast
09:30 – 09:35	Opening remarks Sir John Burn, Newcastle University and conference scientific co-chair
09:35 – 10:15	Debate session: vaping as a tool for smoking cessation – are we resolving a problem now but creating others ahead? Chair: David Crosby, Cancer Research UK Speakers: <ul style="list-style-type: none">• For the motion – Vaughan Rees, Harvard School of Public Health• Against the motion – Lion Shahab, University College London
10:15 – 10:45	Networking break and exhibition
10:45 – 12:45	Precision Prevention in high risk populations <i>This session will focus on cutting-edge interventional (surgical, pharmacological, immunological, or behavioural) studies and potential future modalities/approaches to lowering risk and preventing cancer in high-risk populations.</i> Co-chairs: Eduardo Vilar-Sanchez, MD Anderson Sarah Blagden, University of Oxford Speakers: Sharon Savage, National Cancer Institute, NIH Christina Dieli-Conwright, Harvard Medical School Ruth Langley, MRC Clinical Trials Unit, UCL Matthias Kloor, Heidelberg University Hospital Institute of Pathology
12:45 – 13:05	Precision prevention intervention development – flash talks BMP modulation suppresses the stem cell niche to prevent disease onset in a model of hereditary colorectal cancer Holly Eggington, MD-DPhil Candidate, University of Oxford, Centre for Human Genetics Circulating osteoprotegerin levels and breast cancer risk among women with a BRCA1 mutation: a prospective study Shana Kim, PhD candidate, University of Toronto Low-dose aspirin for primary prevention of cancer in older adults: ASPREE after 8 years Suzanne Orchard, ASPREE-XT Director, Monash University A Dual Approach to Repurposing Drugs for the Therapeutic Prevention of Malignant Pleural Mesothelioma Catherine Shelton, PhD student, University of Leicester

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13:05 – 14:05	Lunch and exhibition
14:05 – 14:40	Fireside chat: how do we incentivise prevention research in a profit-driven world Confirmed speakers: Tim Rebbeck, Harvard School of Public Health and conference scientific co-chair Sir John Burn, Newcastle University and conference scientific co-chair
14:40 – 14:50	Comfort break
14:40 – 15:50	Panel session: Translating cancer prevention strategies within and beyond the clinic <i>This panel discussion session will focus on the ways to overcome the challenges of implementing cancer preventive interventions, starting in high-risk groups and potentially broader populations avoiding exacerbating health inequities.</i> Chair: Andy Chan, Harvard University Speakers: Robert Winn, Virginia Commonwealth University Massey Cancer Center Jo Waller, Queen Mary University of London Michael Barry, Harvard Medical School Elmar Detering, Physician & Consultant in healthcare institutions and biotech industry Anisha Patel, Patient Advocate
15:50 – 16:35	Keynote address Speaker: Michael Snyder, Stanford University
16:35 – 16:50	Closing remarks and conference close American Cancer Society Philip Castle, Director, Division of Cancer Prevention, US National Cancer Institute Catherine Elliott, Director of Research and Partnerships, Cancer Research UK