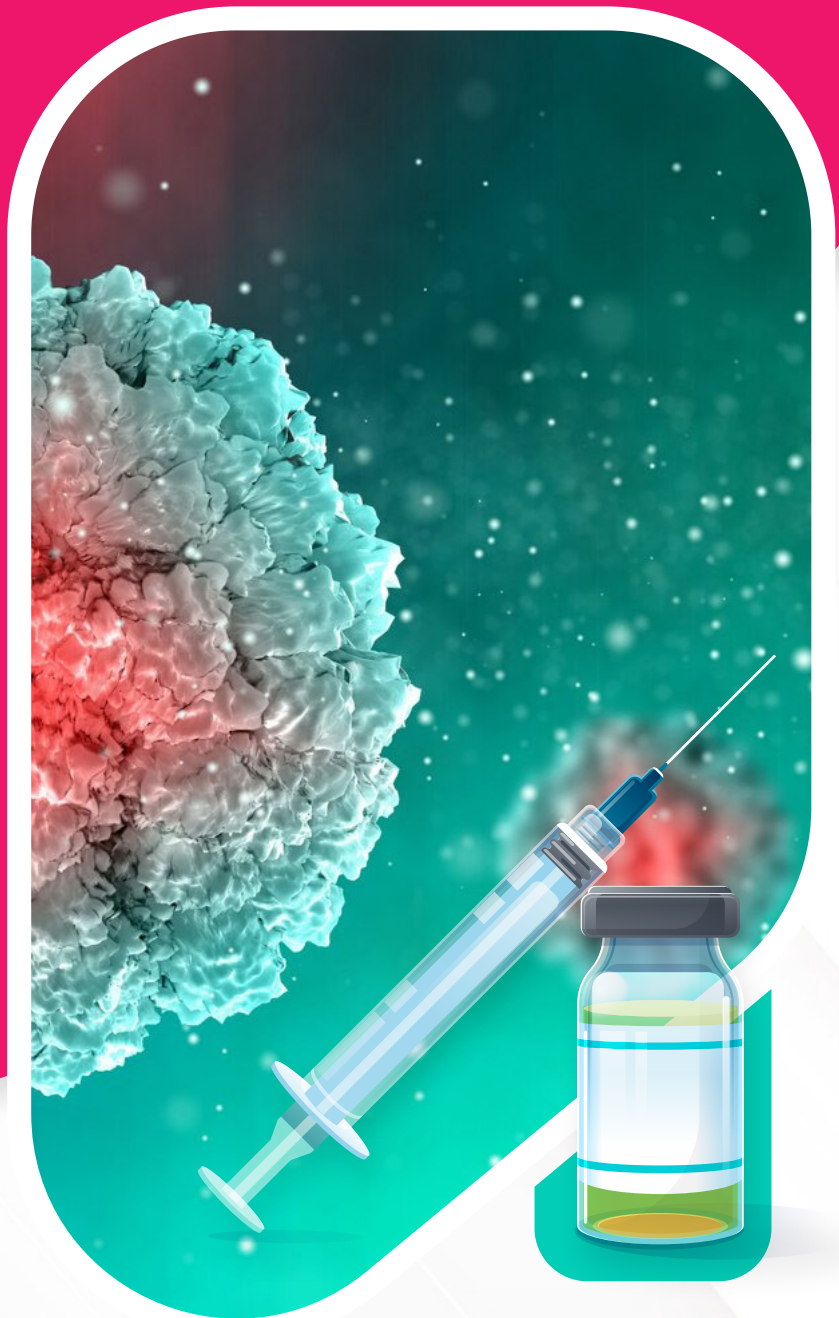


SCIENTIFIC
PROGRAM



CANCER RESEARCH & VACCINE SUMMIT -2025

GLOBAL EDITION



27-28 MARCH 2025



Embassy Suites by Hilton Boston Waltham
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DAY- 1 | 27 March 2025 | Waltham, USA

08:00-08:30

Onsite Registrations

08:30-09:00

Welcome Message

Moderator: Parker Jamieson, Vanderbilt University, USA

PANEL DISCUSSION

09:00-10:00

→ **Unlocking Community Health: Enhancing Patient Access and Engagement in Clinical Trials**

Moderator: Dee Anna Smith, CEO, SCRI

Mia Velasquez-Egan, VP, Research Operations, The US Oncology Network and McKesson
David Spigel, MD, Chief Scientific Officer, SCRI, and Oncologist with SCRI Oncology Partners, a practice in The US Oncology Network

KEYNOTE PRESENTATIONS

10:00-10:40

→ **Tumor-Specific Immune Activation and the Abscopal Effect by Electro-Hyperthermia**

Andras Szasz, *Oncotherm, Germany*

EXHIBITOR

10:40-10:55

→ **Advancing Research & Healthcare Manufacturing with AI**

Abhilash Buddaram, *Aekam Labs LLC, USA*

Coffee Break and Group Photo 10:55-11:10

KEYNOTE PRESENTATIONS CONTINUE

11:10-11:50

→ **Unlocking the Power of Prevention: Optimizing Vaccination Strategies for Healthy Longevity**

Jamila Louahed, *GSK, Belgium*

11:50-12:30

→ **First-In-Human Phase II Clinical Trial of Multiplex Intratumoral Immunotherapy (Miti) With Rpt-01-5001 in Patients with Metastatic Solid Cancer (Abscopal 5001 Trial)**

David G. Bostwick, *Rampart Health, USA*

12:30-13:10

→ **How to Treat Chemotherapeutic Resistant Cancer Cells**

Thomas J. Webster, *Interstellar Therapeutics, USA*

Lunch Break 13:10-14:00

Chair: Thomas J. Webster, *Interstellar Therapeutics, USA*

Co-Chair: Margery Ma, *Eliquent Life Sciences, USA*

ORAL PRESENTATIONS

14:00-14:30

→ **Nonclinical Regulatory Considerations for Therapeutic Cancer Vaccines**

Margery Ma, *Eliquent Life Sciences, USA*

14:30-15:00

→ **Redox Mediated Signalling Pathways in Liver Cancer**

Danyelle M. Townsend, *Medical University of South Carolina, USA*

15:00-15:30

→ **The Novel Deep Medicine and Cancer Prevention Through Early Detections**

Maria F Guinazu, *University of Chile, Chile*

BREAK AND POSTER PRESENTATIONS (15:30-15:45)

- Poster-01** → Microenvironmental Gper-Mediated Glutamine Metabolic Coupling between Cancer-Associated Fibroblasts and Triple-Negative Breast Cancer Cells Governs Tumor Progression
Tenghua Yu, Jiangxi Cancer Hospital & Institute, China
- Poster-02** → The Immune Response of Carbon-Based Nano Light Vaccines To Sars-Cov-2
Yichen Yang, Hexi University, China
- Poster-03** → Display of Cd40 Binders on I53-Dn5 Protein Nanoparticle for Adjuvant-Like Applications
Priya Christensen, University of Washington, USA
- Poster-04** → The Role of Glutathione Peroxidase 4 and Intracellular Iron Levels in Ferroptosis Mechanism in Retinoblastoma Cells and an Intravitreal Xenograft Model
Tobias Achu Muluh, Shenzhen University, China

ORAL PRESENTATIONS CONTINUE

- 15:45-16:15** → Intra-Tumoral Injection of Cytotoxic Drugs plus Hapten Elicits Significant Immune Responses in Sentinel Lymph Nodes and Blood for Pancreatic Cancer Immunotherapy
Baofa Yu, Taimei Baofa Cancer Hospital, China
- 16:15-16:45** → Metastatic Breast Cancer
Dolores Persky, Long Island Breast Cancer Support, USA
- 16:45-17:15** → Polyamine Metabolism Promotes Chemotherapy-Induced Breast Cancer Cell Stemness
Haiquan Lu, Shandong University, China

DAY-2 | 28 March 2025 | Waltham, USA

Chair: Maria F Guinazu, University of Chile, Chile

Co-Chair: Michael Liebman, IPQ Analytics, LLC, USA

ORAL PRESENTATIONS

- 09:00-09:30** → Community Involvement in HIV Vaccine Research: Upholding the Principles of Good Participatory Practice
Gail B. Broder, Fred Hutchinson Cancer Center, USA
- 09:30-10:00** → A South African Data Driven Journey to Better Screening, Treatment and Outcomes for Cancer Patients
Lizelle Steenkamp, Discovery Health, South Africa
- 10:00-10:30** → Epigenetic Age and Acceleration as a Cancer Biomarker
Yu-Huei Liu, China Medical University, Taiwan

Coffee Break 10:30-10:45

- 10:45-11:15** → ONCOPIG: An Inducible Transgenic Large Animal Cancer Model to Enable Preclinical Research to Better Translate to Clinic
Jessicca Rege, Sus Clinicals, USA

11:15–11:45 → Safety and Immunogenicity of an Adjuvanted Chikungunya Virus-like Particle Based Vaccine in Two Pivotal Phase 3 Trials in Persons aged 12-64 and 65 Years of Age
Biyanka Patel, Bavarian Nordic, USA

11:45–12:15 → Glycan-Reactive Antibodies Isolated From Human Hiv-1 Vaccine Trial Participants Show Broad Pathogen Cross-Reactivity
Parker Jamieson, Vanderbilt University, USA

12:15–12:45 → Applying Data Mining Approaches to Model Oral-Endocrine-Therapy (OET) Adherence Behaviors Among Women with Breast Cancer
Sunny Ruggeri, University of Massachusetts Lowell, USA

Lunch Break 12:45-13:30

13:30–14:00 → Propensity Score Analysis of Recurrence for Neutrophil to Lymphocyte Ratio in Colorectal Cancer
Alpha Ibrahima Balde, Hospital clinic point B, West Africa

14:00–14:30 → Net-Positive Economy in Facility Design
William Whitford, Oamaru BioSystems, USA

14:30–15:00 → P53 Protein Abundance Is a Therapeutic Window across Tp53 Mutant Cancers and Is Targetable with Proximity Inducing Small Molecules
William Gibson, Dana-Farber Cancer Institute, USA

15:00–15:30 → Breast Cancer: Moving from Correlation to Causality
Michael Liebman, IPQ Analytics, LLC, USA

15:30–16:00 → Revolutionizing Mental Health and Oncology Clinical Trials
Wendy Garvin Mayo, Quinnipiac University, USA

Coffee Break 16:00-16:15

16:15–16:45 → The Cost of Quality in Clinical Trial Conduct and Why it Matters
Lisa Kaufman, AstraZeneca, USA

BREAKOUT

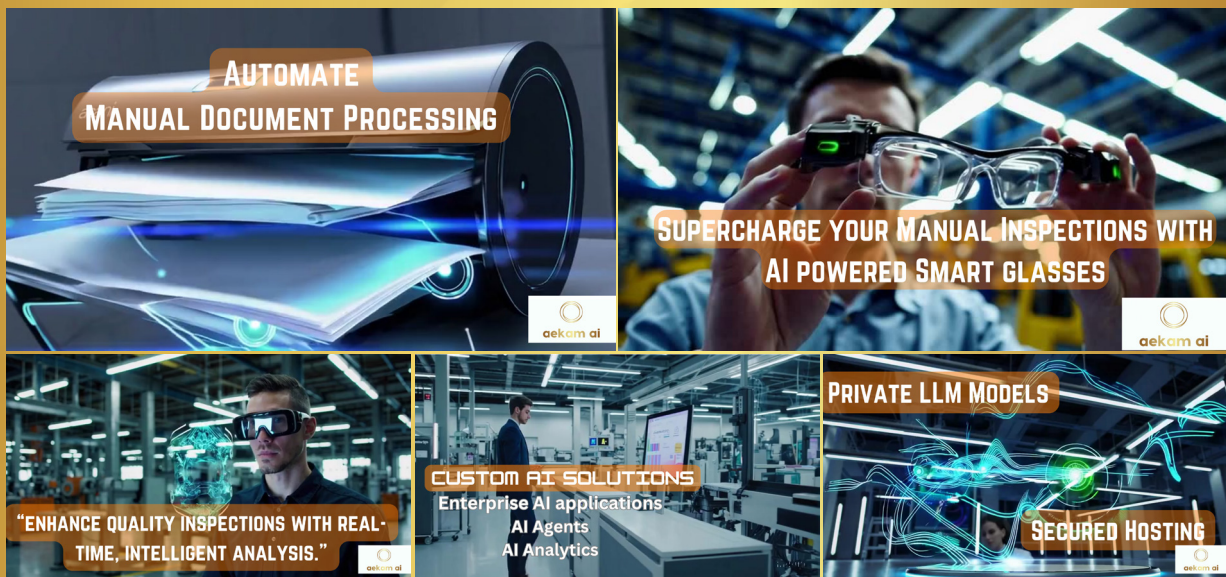
VIRTUAL PRESENTATIONS

- 08:30–09:00** → **HIS LAMP: A Novel 7-Pronged Algorithm to Address the ‘Invisible’ Tumors Arising with Cancer**
Sophia Edwards-Bennett, MyDoctorEB, USA
- 09:00–09:30** → **Epigenetic Age and Acceleration as a Cancer Biomarker**
Su Yon Jung, University of California, USA
- 09:30–10:00** → **The Role of Natural Products in Cancer Prevention**
Rwaida Adel Al Haidari, Taibah University, Saudi Arabia
- 10:00–10:30** → **Dose Response of Childhood Thyroid Cancer Incidence Rate in Fukushima Revealed Radiation Origin and Underestimation of Thyroid Dose by Unsear**
Toshiko kato, Independent Researcher, Japan
- 10:30–11:00** → **Tumor Markers in Cancer**
Elnaz Elahirad, University of Tehran, Iran
- 11:00–11:30** → **Nuclear Oncology in Japana Historical Review with Emphasis on Radiological Protection of Internal Radiation Exposures**
Yasuhito Sasaki, Shonan Kamakura General Hospital, Japan
- 11:30–12:00** → **The Potential and Future of Natural Products in Cancer Drug Discovery**
Mahmoud Mostafa, Taibah University, Saudi Arabia
- 12:00–12:30** → **Therapeutic significance of small molecules in cancer treatment**
Shagufta Waseem, American University of Ras Al Khaimah, UAE
- 12:30–13:00** → **Fc Fragments of Immunoglobulin G Bearing Regrf Epitopes Are a Promising Therapeutic Agent for Autoimmune Diseases**
Liubov Beduleva, Udmurt State University, Russia
- 13:00–13:30** → **Neonatal Immunization Prevents The Development Of A Chronic Autoimmune Response Against Cd4 Caused By Hiv?1 Gp120 In Rats**
Igor Menshikov, Udmurt State University, Russia
- 13:30–14:00** → **Suppression Of Experimental Autoimmune Encephalomyelitis By Igg Fc Fragments Bearing Regrf Epitopes**
Daria Menshikova, Udmurt State University, Russia
- 14:00–14:30** → **Is Anaplastic Large Cell Lymphoma a Potential Target for pd-1 Blockade Immunotherapy?**
Jie Xu, The University of Texas MD Anderson Cancer Center, USA
- 14:30–15:00** → **The Future of Oncology Staffing – Addressing Workforce Shortages, AI in Cancer Care, and Global Talent Solutions**
Frank Michael Odia, Healthcare Staffing Resources, USA
- 15:00–15:30** → **Capmatinib and Paclitaxel Combination: A Novel Strategy for Overcoming Challenges in Triple-Negative Breast Cancer Treatment**
Fatemeh Fakhari, Tehran University of Medical Sciences, Iran
- 15:30–16:00** → **Evaluation of Cisplatin and Clarithromycin co-treatment on TIMP-0± Expression in Cisplatin-Resistant Ovarian Cancer Cells DA-MB-231 Breast Cancer Cellst**
Emad Jafarzadeh, Tehran Medical University, Iran

EXHIBITOR




Aekam AI: Advancing Research & Healthcare Manufacturing with AI



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 <https://www.linkedin.com/company/aekam-ai/>

An aerial photograph of a city skyline at sunset. The sky is a mix of orange, yellow, and blue. The city is densely packed with buildings of various heights and styles. A river flows through the city, with a bridge crossing it. The overall scene is vibrant and detailed.

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