

4th AGILE^{DxRx} Meeting

BC Cancer Research Institute · Vancouver, British Columbia, Canada

April 1–3, 2027 · Program Agenda

Day 1 · Thursday, April 1, 2027

08:30–09:10 — **Introduction to Meeting**

- Welcome ..... **Stephen Lam, Claudia Henschke, Matthijs Oudkerk**
- Welcome from BC Cancer ..... **Paris-Ann Ingledew**
- Introduction to the AGILE Mission ..... **David Yankelevitz**
- Meeting Format ..... **Rowena Yip**

09:10–10:00 — **Session 1: Screening in Canada**

Moderators: Stephen Lam, John K. Field

- Lung Cancer Screening in Canada ..... **Shari Dworkin**
- The British Columbia Lung Screening Program ..... **Stephen Lam**
- The Ontario Health Lung Screening Program ..... **Christian Finley**
- IPN Program: The IDEAL Study ..... **Renelle Myers**

10:00–10:40 — **Session 2: Management Beyond Baseline**

Moderators: Matthijs Oudkerk, David Yankelevitz

- Overview of Nodule Management Protocols ..... **Mario Silva**
- Increasing Participation in LCS ..... **Michael Davies**
- Strategies for Adherence to Screening ..... **Michael R. Gieske**
- Factors Influencing Lung Cancer Protocol Outcomes ..... **Harriet Lancaster**
- Tradeoffs in Screening Intervals ..... **Rafael Meza**

10:40–11:20 — **Session 2: Panel Discussion**

Moderators: David Yankelevitz, Matthijs Oudkerk

Panelists: Jens Vogel-Claussen, Mario Silva, Michael R. Gieske, Arjun Nair, Kevin ten Haaf, Yeon Wook Kim, John Mayo / Daria Manos

11:20–11:40 — ***Coffee Break***

11:40–12:10 — **Session 3: Actionability of Other Findings**

Moderators: Mario Silva, Paolo Raggi

- How to Define Actionability ..... **Arjun Nair**
- Comparing Actionability Across Countries ..... **Jens Vogel-Claussen**

12:10–12:50 — **Session 3: Panel Discussion**

Moderators: James Mulshine, Paolo Raggi

Panelists: Ella Kazerooni, Matthew Cham, Daria Manos, John Mayo, Arjun Nair, Mario Silva, Jens Vogel-Claussen

13:00–14:00 — **Lunch**

Tobacco Endgame Session ..... **Heng N. Koong**

14:00–15:00 — **Session 4: Technology Innovations (Special Session)**

Moderator: TBD

15:00–15:40 — **Session 5: Keynote Lecture**

Moderator: TBD

- Advances in Diagnosis and Treatment of Bronchiectasis ..... **Mark Metersky**
- Q&A

15:40–16:00 — ***Coffee Break***

16:00–17:00 — **Session 6: Diagnostic Case Review**

Moderators: Dorith Shaham, Mario Silva

Panelists: Jan Willem Gratama, John Mayo, Jens Vogel-Claussen, Daria Manos, Ella Kazerooni, Yeon Wook Kim

Preliminary

Day 2 · Friday, April 2, 2027

09:00–09:30 — **Session 7: Clinical Impact of CVD in LCS**

Moderators: Jonathon Leipsic, Paolo Raggi

- 4-ITLR Baseline Results — **Anna Walstra**
- Coronary Artery Calcium (CAC) — **Timothy Fairbairn**
- Chamber Size and Chest Ratio — **Matthew Cham**

09:30–10:15 — **Session 7: Panel Discussion**

Moderators: Paolo Raggi, Jonathon Leipsic

Panelists: Sunyi Zheng, Marly van Assen, Jens Vogel-Claussen, Anna Walstra, Rudolf Kaaks, Timothy Fairbairn

10:15–10:35 — ***Coffee Break***

10:35–11:05 — **Session 8: AI for LCS Implementation**

Moderators: Rowena Yip, Marly van Assen

- 4-IN-THE-LUNG-RUN AI Baseline Results — **Matthijs Oudkerk**
- Nodule Detection — **Sunyi Zheng**
- AI to Standardize VDT — **Harriet Lancaster**

11:05–11:50 — **Session 8: Panel Discussion**

Moderators: David Yankelevitz, Rudolf Kaaks

Panelists: Rayjean Hung, Arjun Nair, Harriet Lancaster, Mario Silva, Anna Walstra, John K. Field

11:50–12:50 — **Lunch: ePoster Presentations and Awards**

Moderators: Jan Willem Gratama, Dorith Shaham, Mario Silva

12:50–13:30 — **Session 9: Improving Pulmonary Health through Lung Cancer Screening**

Moderators: Nicole Ezer, Stephen Lam

- Opportunities (Overview) — **George Washko**
- COPD — **Miranda Kirby**
- Benefit of Early Intervention in COPD — **Shawn D. Aaron**
- ILD — **Christopher Ryerson**

13:30–14:00 — **Session 9: Panel Discussion**

Moderators: Grace Parraga, Stephen Lam

Panelists: Shawn D. Aaron, Luis Seijo, Jens Vogel-Claussen, Yeon Wook Kim, Christopher Ryerson

14:00–14:30 — **Session 10: Next-Generation Biomarker Development for Early-Stage Lung Cancer**

Moderators: John K. Field, Rayjean Hung

- How to Enhance Successful Implementation of Biomarkers in LCS — **Christopher Amos**
- Biomarkers for Selecting Who Should Be Screened: A Multi-Cancer Approach? — **Peter Sasieni**
- Evidence Required to Change Screening Policy: Does the Biomarker Require an RCT? — **Volker Liebenberg**

14:30–15:10 — **Session 10: Panel Discussion**

Moderators: Christopher Amos, David Yankelevitz

Panelists: Rayjean Hung, Peter Sasieni, John K. Field, Volker Liebenberg, Bruce Pyenson

15:10–15:30 — ***Coffee Break***

15:30–15:50 — **Session 11: ISOPT Consortium**

Lung Cancer in the Working Age Population and Its Economic Impact — **Charles Balch**

15:50–16:40 — **Session 12: Impact of Risk and Screening Strategies on Premature Death and Cost-Effectiveness**

Moderators: James Mulshine, Rowena Yip

- LCS in the Age of Novel Early- and Late-Stage Therapies — **Heather Wakelee**
- Lung Cancer Risk and Epidemiology in East Asia: Implications for Screening — **Yeon Wook Kim**
- Balancing Impact: Screening Effectiveness, Budget Impact and Resource Constraints — **Kevin ten Haaf**
- Considerations on Centralized versus Decentralized Lung Cancer Programs — **Rudolf Kaaks**

16:40–17:30 — **Sessions 11 & 12: Joint Panel Discussion**

Moderators: Heather Wakelee, James Mulshine

Panelists: Charles Balch, Rudolf Kaaks, Yeon Wook Kim, Kevin ten Haaf, Bruce Pyenson

Preliminary

Day 3 · Saturday, April 3, 2027

09:00–10:00 — **Session 13: Therapeutic Innovations**

Moderators: Kelvin Lau, Barbara Melosky

- Pre-Surgical 3D Modeling ..... **TBD**
- Surgery (Single-Port Surgery) ..... TBD
- New Approaches to Systemic Therapy in Early Disease ..... **Natasha Leighl**
- Efficacy of CT Surveillance for Second Primary Lung Cancer ..... **Virginie Westeel**
- Role of SBRT for Early Lung Cancer ..... **Drew Moghanaki**

10:00–11:00 — **Session 14: Therapeutic Case Review**

Moderators: David Yankelevitz, Stephen Lam

Panelists: Barbara Melosky, Nasser Altorki, Natasha Leighl, Kelvin Lau, Drew Moghanaki

11:00–11:20 — ***Coffee Break***

11:20–12:20 — **Session 15: Precision Oncology for Stage I Lung Cancers**

Moderators: James Mulshine, Karen Kelly

- Frequency of Recurrences (Factors Impacting Recurrences) ..... **Rowena Yip**
- Molecular Predictors of Stage I Recurrence ..... **David Jablons**
- Pathology Perspective on the Evolution of Staging for Early Lung Cancer ..... **Erik Thunnissen**
- Therapeutic Options for Micrometastasis ..... **Heather Wakelee**
- Vaccines for Early-Stage Disease ..... **Nasser Altorki**
- Interception of Lung Cancer Prevention ..... **Sarah Blagden**

12:20–13:00 — **Session 15: Panel Discussion**

Moderators: James Mulshine, Karen Kelly

Panelists: Barbara Melosky, Nasser Altorki, David Jablons, Sarah Blagden, TBD

13:00–13:30 — **Closing Statements and Future Meetings**

- Closing Statements ..... **Claudia Henschke, Matthijs Oudkerk**

Preliminary