



# 2<sup>nd</sup> ANNUAL AGILE<sup>DxRx</sup> CONFERENCE

Alliance for Global Implementation of Lung and Cardiac  
Early Disease Detection and Treatment

**47th International Conference  
on Screening for Lung Cancer**

**&**

**15th Conference on Early Lung  
Cancer Research on Treatment**

Hosted by the **Princess Srisavangavadhana College of Medicine,  
Chulabhorn Royal Academy**

**April 3 - 5, 2025**

**Okura Prestige Hotel  
Bangkok, Thailand**

NO FEE, HYBRID EVENT







# Mission Statement

The early detection of lung cancer using thoracic CT has been widely demonstrated in multiple international trials to objectively increase cure rates. Now the international focus is on effective and economical implementation. Increasingly, it is emerging that thoracic CT screening is also detecting a range of early tobacco-related diseases including cardiovascular disease and chronic obstructive pulmonary disease. These three diseases comprise the 'BIG3', as they collectively account for close to half of the premature deaths globally. Thoracic CT screening presents a unique opportunity to integrate care for this high risk cohort with a single imaging examination. We plan to develop optimized protocols for evaluation of these major diseases, explore challenges and define solutions in enabling implementation, especially for economically disadvantaged countries across the world. A core strategy in achieving this ambitious goal is to leverage the use of AI processes across the continuum of care, including its use for risk assessment, disease detection and managing disease interventions.

## Planning Committee

**Claudia Henschke, PhD, MD**

Icahn School of Medicine at Mount Sinai  
New York, NY

**Matthijs Oudkerk, MD, PhD**

University of Groningen  
Groningen, Netherlands

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**James Mulshine, MD**

Rush University  
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**John Field, MA, PhD, BDS, FRCPath**

University of Liverpool  
Liverpool, United Kingdom

**Mario Silva, MD, PhD**

University of Parma  
Parma, Italy

**Nattaya Triphuridet, MD, PhD**

Princess Srisavangavadhana College of Medicine  
Bangkok, Thailand





# Thursday, April 3, 2025

<b>08:30–09:00</b>	<b>Introduction to Sessions</b> Welcome Address  Research Updates Meeting Format	N Triphuridet, Representative from Thailand C Henschke, M Oudkerk D Yankelevitz
<b>09:00–09:30</b>	<b>Introductory Lecture: Global Implementation of National Lung Cancer Screening Programs: Key Considerations</b>	C Henschke, M Oudkerk
<b>09:30–10:45</b>	<b>Session 1: Understanding Disease Burden and Screening in Asia: Established Programs and Initiatives</b> Moderators: HH Chen, PC Yang <ul style="list-style-type: none"><li>• Tobacco</li><li>• Overview of Lung Cancer Burden in Asia</li><li>• Air Pollution</li><li>• Occupational Exposure</li><li>• Heart Disease</li><li>• Emphysema</li><li>• Never Smokers</li></ul>	C Heulton N Triphuridet H Kan S Markowitz Y Wang SM Lee PC Yang
<b>10:45–11:15</b>	<b>Coffee Break</b>	
<b>11:15–12:00</b>	<b>Session 2: Panel Discussion on AGILE Mission</b> Moderators: M Oudkerk, D Yankelevitz Panelists: K Kelly, J Mensah, L Seijo, J Vogel-Claussen, Y Wang, PC Yang	
<b>12:00–12:50</b>	<b>Session 3: Diagnostic and Therapeutic Technology Updates</b> Moderators: S Fain, K Lau <ul style="list-style-type: none"><li>• Hardware Updates</li><li>• Endobronchial Directed Innovations</li><li>• AI Applications</li></ul>	
<b>12:50–13:15</b>	<b>Session 3: Roundtable</b>	
<b>13:15–14:15</b>	<b>Lunch Break</b>	
<b>14:15–15:15</b>	<b>Session 4: Role of Chest X-rays</b> Moderators: C Henschke, R Smith <ul style="list-style-type: none"><li>• Considerations for Screening: Review the Evidence</li><li>• Potential for Improvement with AI</li><li>• Tomosynthesis</li><li>• Integration into a CT Screening Program</li></ul>	R Yip S Zheng N Triphuridet R Huber
<b>15:15–16:00</b>	<b>Session 4: Panel Discussion</b> Panelists: H de Koning, R Huber, J Vogel-Claussen, D Yankelevitz	
<b>16:00–16:45</b>	<b>Marilyn and Jim Simons Keynote Lecture</b> Introduction: C Henschke Integrating AI into the Screening Process	M Oudkerk
<b>16:45–17:00</b>	<b>Coffee Break</b>	
<b>17:00–17:45</b>	<b>Session 5: Diagnostic Case Review</b> Moderators: D Shaham, M Silva Panelists: J Gratama, E Kazerooni, SM Lee, J Mensah, J Vogel-Claussen	



# Friday, April 4, 2025

**08:30–09:45**

## **Session 6: Integrated Screening**

Moderators: J Mulshine, D Yankelevitz

- Combined Protocols A Walstra
- Updates on ROBINSCA M Oudkerk
- Updates on Emphysema S Fain
- Role of Calibration R Avila
- Additional findings (Osteoporosis, Liver, etc.) J Vogel-Claussen

**09:45–10:30**

## **Session 6: Panel Discussion on Comorbidities**

Panelists: S Fain, E Kazerooni, SM Lee, A Stillman, J Vogel-Claussen, Y Wang

**10:30–10:45**

## **Coffee Break**

**10:45–11:45**

## **Session 7: CT Protocol Updates**

Moderators: C Henschke, J Vogel-Claussen

- Impact of Time Delays R Yip
- Defining the Benefits of Volumetry M Silva
- Review of Two-Year Intervals H de Koning
- Significance of Solid Components in Lung Nodules H Lancaster

**11:45–12:30**

## **Session 7: Panel Discussion (Critical Issues)**

Panelists: R Avila, B Pyenson, SM Lee, M Silva, J Vogel-Claussen, A Walstra

**12:30–13:30**

## **Lunch Break**

**13:30–14:30**

## **Session 8: Biomarkers: Usefulness and Integration**

Moderators: J Field, F Hirsch

- Summary of Their Uses in the Context of Screening: How Good Are They Now? (Image- and Blood-based) H Robbins
- How Good Do They Have to Be to Make Them Useful? C Amos
- Methodology for Evaluation of Clinical Usefulness S Galbraith

**14:30–15:15**

## **Session 8: Panel Discussion**

Moderators: J Field, J Mulshine

Panelists: C Amos, S Galbraith, H Robbins, E Taioli, I Wistuba

**15:15–15:30**

## **Coffee Break**

**15:30–16:15**

## **Session 9: Incidental Nodules and Multifocal nodules**

Moderators: J Aerts, L Seijo

- Extent of Problem and Potential Benefit N Piyavisetpat
- Program Implementation R Osarogiagbon
- Management Protocols C van der Aalst
- Multifocal Nodules C Aigner

**16:15–17:00**

## **Session 9: Panel Discussion**

Panelists: J Aerts, E Kazerooni, R Osarogiagbon, C van der Aalst



# Saturday, April 5, 2025

**09:00–10:00**

**Session 10: Therapeutics Updates**

Moderators: M Infante, P Thongcharoen

- Surgery
- Ablation
- Immunotherapy
- Radiation Therapy

HQ Chen  
K Lau  
K Kelly  
J Setakornnukul

**10:00–11:00**

**Session 11: Therapeutic Case Review**

Moderators: C Aigner, D Yankelevitz

Panelists: HQ Chen, M Infante, K Lau, M Heuvelmans, P Thongcharoen

**11:00–11:30**

**Coffee Break**

**11:30–12:30**

**Session 12: Collaborations Towards Changing the Staging System for Early Stage Disease**

Moderators: J Mulshine, R Osarogiagbon

- IASLC
- New Insights
  - Radiology Perspective
  - Surgical Perspective
  - Medical Oncology Perspective
  - Pathology Perspective
  - Biomarker Consortia

K Kelly  
  
C Henschke  
M Infante  
L Gros  
I Wistuba  
C Amos

**12:30–13:30**

**Lunch Break**

**13:30–14:15**

**Session 13: Advocacy in Asia and the Potential to Collaborate**

Moderator: C Heaton

- Education
- Patient Outreach

TBN  
TBN

**14:15–15:00**

**Session 14: AGILE Position Papers**

- Screening & Nodule Management Protocols
- Methodological Considerations of AI Implementation
- Integrating Emphysema Screening
- Integrating Cardiovascular Screening
- Methodological Considerations for Expanding Eligibility
- International Collaborations for Screening Equity

C van der Aalst, D Yankelevitz  
K Myers, A Walstra  
S Fain, M Heuvelmans  
M Oudkerk, A Stillman  
S Markowitz, E Taioli  
J Field, R Smith

**15:00–15:15**

**Closing Statements and Future Meetings**

C Henschke, M Oudkerk