



CHULABHORN
ROYAL ACADEMY

Princess Srisavangavadhana Faculty of Medicine

2nd ANNUAL AGILE^{DxRx} 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 Faculty of Medicine,
Chulabhorn Royal Academy**

April 3 - 5, 2025

**Okura Prestige Hotel
Bangkok, Thailand**

NO FEES, HYBRID EVENT



SCAN & REGISTER



iDNA



Organized by the Early Diagnosis and Treatment Foundation and
the iDNA (Institute for DiagNostic Accuracy)



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

David Yankelevitz, MD

Icahn School of Medicine at Mount Sinai
New York, NY

James Mulshine, MD

Rush University
Chicago, IL

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 Faculty of Medicine
Bangkok, Thailand



Thursday, April 3, 2025



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



Friday, April 4, 2025



08:30–09:45

Session 6: Integrated Screening

Moderators: J Mulshine, D Yankelevitz

- Combined Protocols
- Updates on ROBINSCA
- Updates on Emphysema
- Role of Calibration
- Additional findings (Osteoporosis, Liver, etc.)

A Walstra
M Oudkerk
S Fain
R Avila
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
- Defining the Benefits of Volumetry
- Review of Two-Year Intervals
- Significance of Solid Components in Lung Nodules

R Yip
M Silva
H de Koning
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)
- How Good Do They Have to Be to Make Them Useful?
- Methodology for Evaluation of Clinical Usefulness

H Robbins
C Amos
V Liebenberg

14:30–15:15

Session 8: Panel Discussion

Moderators: J Field, J Mulshine

Panelists: V Liebenberg, H Robbins, E Taioli, Y Yatabe

15:15–15:30

Coffee Break

15:30–16:15

Session 9: Incidental Nodules and Multifocal nodules

Moderators: L Seijo, M Silva

- Extent of Problem and Potential Benefit
- Program Implementation
- Management Protocols
- Multifocal Nodules

N Piyavisetpat
R Osarogiagbon
C van der Aalst
C Aigner

16:15–17:00

Session 9: Panel Discussion

Panelists: C Aigner, E Kazerooni, R Osarogiagbon, N Piyavisetpat,
C van der Aalst



Saturday, April 5, 2025



09:00–10:00	Session 10: Therapeutics Updates Moderators: M Infante, P Thongcharoen <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• IASLC• New Insights<ul style="list-style-type: none">◦ Radiology Perspective◦ Surgical Perspective◦ Medical Oncology Perspective◦ Pathology Perspective◦ Biomarker Consortia	K Kelly C Henschke M Infante L Gros Y Yatabe H Robbins
12:30–13:30	Lunch Break	
13:30–14:15	Session 13: Advocacy in Asia and the Potential to Collaborate Moderator: C Heaton <ul style="list-style-type: none">• Education• Patient Outreach	TBN TBN
14:15–15:00	Session 14: AGILE Position Papers <ul style="list-style-type: none">• 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