

# AGILE<sup>DxRx</sup> Conference

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

45th International  
Conference on Screening  
for Lung Cancer

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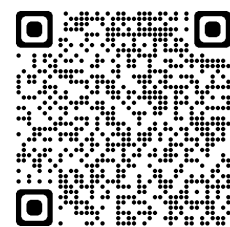
13th Conference on  
Research for Early Lung  
Cancer Treatment

**May 9 - May 11, 2024**

**Universidad de Navarra**  
Sede de Postgrado  
C. del Marquesado de Sta. Marta, 3, 28027  
**Madrid, Spain**

A Hybrid Conference

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



**SCAN & REGISTER**

*“Catalyzing International Thoracic Screening Innovation through Collaboration”*



# AGILE<sup>DxRx</sup> 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**

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**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



# Thursday, May 9, 2024

- 09:00 - 10:00**      **Introduction to Sessions**  
**Welcome Statements**  
Introduction of Hospital  
Representation from Spain  
Organization Research Updates  
Format of Meeting  
**C Henschke, M Oudkerk**  
L Seijo  
F Matute  
C Henschke, M Oudkerk  
D Yankelevitz
- 10:00 - 11:15**      **Global Implementation: Challenges**  
Moderators: J Mulshine, R Smith  
Panelists: T Blum, E Kazerooni, L Seijo, L Viola, H Wilcox, P-C Yang
- 11:15 - 11:45**      **Coffee Break**
- 11:45 - 13:00**      **Enrollment Criteria and Recruitment**  
Moderators: E Taioli, C van der Aalst  
Panelists: T Blum, JP de Torres, M Samaržija, K ten Haaf, P-C Yang
- 13:00 - 14:00**      **Technology Updates for Lung Cancer Screening**  
Moderators: A Reeves, D Yankelevitz  
Calibration Devices  
MIDRC  
Photon Counting  
Lung Parenchyma  
Integrated Analysis End-to-End Management  
Cardiac Chambers  
Precision in Lung Biopsies from Decision to Incision  
MONAI: An Open-Source Platform for Building AI  
R Avila  
M Giger  
V Schneider  
S Fain  
A van Rossem  
M Naghavi  
I Gipp  
NVIDIA
- 14:00 - 15:00**      **Lunch Break**
- 15:00 - 15:45**      **Image Biomarkers**  
Moderators: B Pyenson, D Yankelevitz  
Introduction: P van der Leest  
Panelists: contextflow/RevealDx, Coreline, Median Technologies, Optellum, Qure.ai, Siemens
- 15:45–16:15**      **Simons Foundation International Endowed Lecture**  
Introduction: C Henschke  
International Standards Interoperability and Primary Reads  
K Myers
- 16:15–17:15**      **Diagnostic Case Review**  
Moderators: L Seijo, D Shaham  
Panelists: G Bastarriska, M Cham, E Kazerooni, M Samaržija, L Viola
- 17:15–18:00**      **African Initiative**  
Moderators: C Henschke, R Osarogiagbon  
Panelists: Egypt, Ethiopia, Ghana, Kenya, Nigeria



# Friday, May 10, 2024

- 08:30–09:45**      **CT Image Acquisition and Interpretation: The Need for Standardization**  
Moderators: M Oudkerk, M Silva  
Panelists: R Avila, M Giger, K Myers, A Walstra
- 09:45–11:00**      **CT Protocol Management Updates**  
Moderators: C Henschke, R Yip  
Panelists: J Gratama, M Heuvelmans, H Lancaster, E Kazerooni, M Silva, D Yankelevitz
- 11:00–11:30**      **Coffee Break**
- 11:30–12:45**      **Cost Effectiveness**  
Moderators: H de Koning, J Mulshine  
Introduction: B Pyenson, K ten Haaf  
Panelists: M Naghavi, M Oudkerk, B Pyenson, E Taioli, K ten Haaf
- 12:45–13:45**      **Lunch Break**
- 13:45–15:00**      **AI for Lung Nodules**  
Moderators: H Lancaster, M Silva  
Panelists: J Gratama, M Heuvelmans, B Hochegger, K Myers
- 15:00–16:15**      **International Data Security and Consequences for Implementation**  
Moderators: J Mulshine, A Reeves  
Introduction: D Clunie, A van Rossem  
Panelists: R Avila, D Clunie, M Giger, A van Rossem
- 16:15–17:15**      **Optimizing Precision in Comprehensive Annual Chest CT Imaging**  
Moderators: C Aldigé, J Mulshine  
Panelists: R Avila, M Cham, S Fain, M Heuvelmans, M Oudkerk



# Saturday, May 11, 2024

- 08:30–09:30**      **Therapeutic Updates**  
Moderator: R Flores
- |                                  |            |
|----------------------------------|------------|
| Surgical Techniques              | H Chen     |
| Radiotherapy                     | R Samstein |
| Adjuvant and Neoadjuvant Stage I | K Kelly    |
| Bronchoscopic Applications       | K Lau      |
- 09:30–10:30**      **Surgical Considerations for Global Implementation**  
Moderator: A Eggermont, F Grannis  
Panelists: H Chen, R Flores, M Infante, U Pastorino, JC Trujillo
- 10:30–11:30**      **Therapeutic Case Review**  
Moderator: D Yankelevitz  
Panelists: H Chen, R Flores, M Infante, K Lau, R Samstein, JC Trujillo
- 11:30–12:00**      **Coffee Break**
- 12:00–13:00**      **Education and Workforce Considerations**  
Moderators: M Cham, L Kim  
Panelists: C Heaton, J Sanz, L Viola, J Vogel-Claussen, H Wilcox
- 13:00–14:00**      **Future Horizons for Thoracic Screening**  
Moderators: R Lee, B Pyenson  
Panelists: L Ambrose, A Eggermont, C Heaton, J Vogel-Claussen, P-C Yang
- 14:00–14:30**      **Closing Statements and Future Meetings**  
Moderators: C Henschke, M Oudkerk