



# 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



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**

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**Matthijs Oudkerk, MD, PhD**

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Liverpool, United Kingdom

**Mario Silva, MD, PhD**

University of Parma  
Parma, Italy

**Luis Seijo, MD**

University of Navarra  
Navarra, Spain



# Thursday, May 9, 2024

<b>09:00 - 10:00</b>	<b>Introduction to Sessions</b> <b>Welcome Statements</b> Introduction of Hospital Representation from Spain Organization Research Updates Format of Meeting	<b>C Henschke, M Oudkerk</b> L Seijo TBN C Henschke, M Oudkerk D Yankelevitz
<b>10:00 - 11:15</b>	<b>Global Implementation: Challenges</b> Moderators: J Mulshine, R Smith Panelists: T Blum, E Kazerooni, L Seijo, L Viola, H Wilcox, P-C Yang	
<b>11:15 - 11:45</b>	<b>Coffee Break</b>	
<b>11:45 - 13:00</b>	<b>Enrollment Criteria, Recruitment and Integration with Primary Prevention</b> Moderators: E Taioli, C van der Aalst Introduction: C van der Aalst Panelists: T Blum, JP de Torres, M Samaržija, K ten Haaf, P-C Yang	
<b>13:00 - 14:00</b>	<b>Technology Updates for Lung Cancer Screening</b> 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
<b>14:00 - 15:00</b>	<b>Lunch Break</b>	
<b>15:00 - 15:45</b>	<b>Image Biomarkers</b> Moderators: B Pyenson, D Yankelevitz Introduction: P van der Leest Panelists: F Brag, M Calhoun, R Devi, R Jang, L Montuenga, V Potěšil	
<b>15:45–16:15</b>	<b>Simons Foundation International Endowed Lecture</b> Introduction: C Henschke International Standards Interoperability and Primary Reads K Myers	
<b>16:15–17:15</b>	<b>Diagnostic Case Review</b> Moderators: L Seijo, D Shaham Panelists: G Bastarrika, M Cham, E Kazerooni, M Samaržija, L Viola	
<b>17:15–18:00</b>	<b>African Initiative (Egypt, Ethiopia, Ghana, Kenya, Nigeria)</b> Moderators: C Henschke, R Osarogiagbon Panelists: HSW Mikhael, W Bekele, JS Afriyie-Mensah, L Atundo, C Anosike	



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, 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, B Hochhegger, K Myers, A Reeves, D Yankelevitz
- 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, J Gratama, 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: A Eggermont, C Heaton, A McGlothlin, J Vogel-Claussen, P-C Yang
- 14:00–14:30**      **Closing Statements and Future Meetings**  
Moderators: C Henschke, M Oudkerk