

The first fully live Dutch Lung Congress (DLC), jointly organized by NRS, NVALT, SKL and Longfonds, took place at the Crowne Plaza in Utrecht (near Utrecht Central Station) on 13 and 14 June 2022. This event aimed to bring the state-of-the-art of lung science to people working in the field of pulmonary science, and at the same time increase dialogue between different disciplines that lead to new scientific opportunities.

ORGANISED BY
NRS
NETHERLANDS
RESPIRATORY
SOCIETY

People interested in lung science independent of background: fundamental, translational and clinical researchers, medical specialists, patients, care-takers, industry, policy makers, came together to cross-fertilize ideas in a comprehensive and inspiring program.

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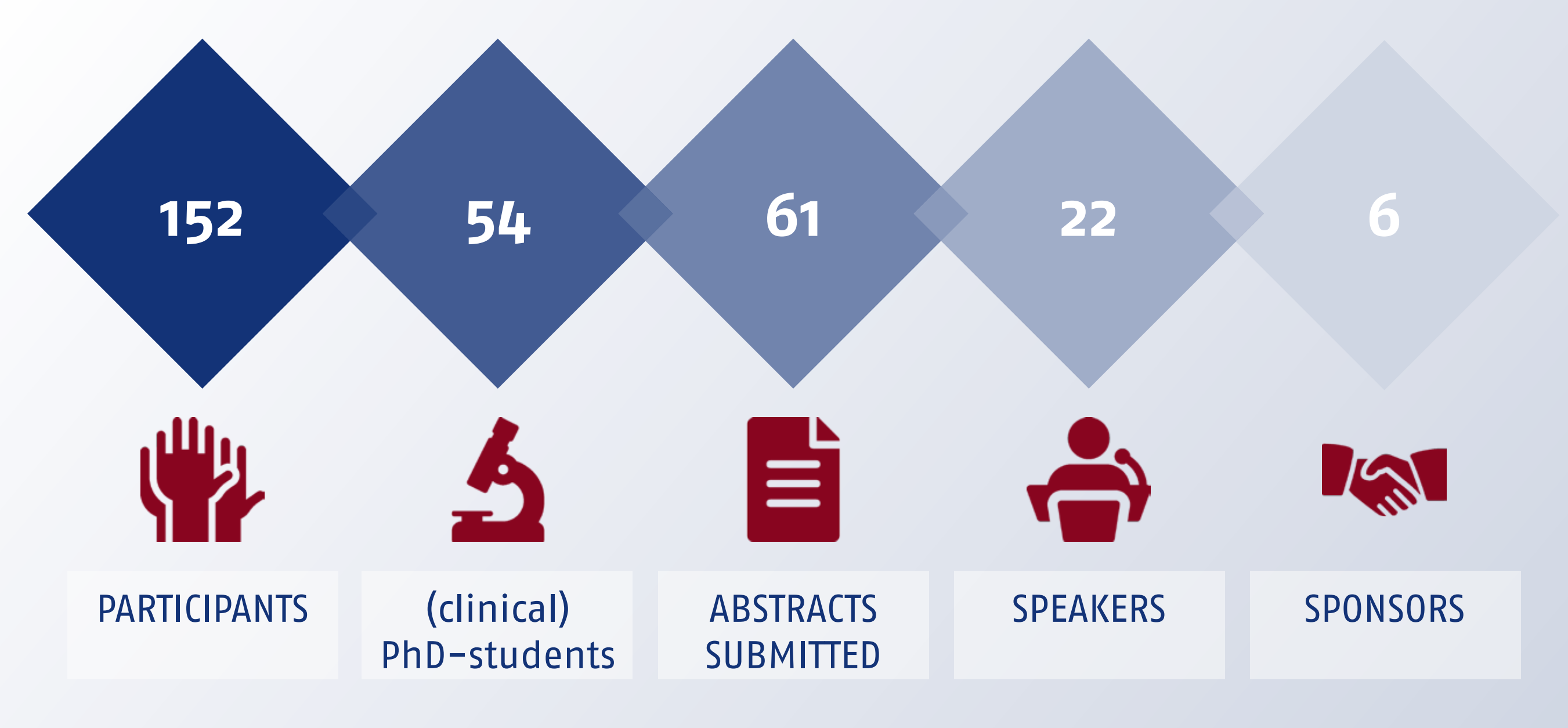
Advances in Imaging in the Pulmonary space
Pulmonary Vascular System
Mucus and the immune system
Respiratory infections beyond COVID-19
Epigenetics in respiratory diseases

THE PROGRAM

The program included both plenary and parallel sessions with 22 excellent clinical and translational speakers. Many sessions were introduced by an interview with a patient living with a respiratory disease, covering different aspects from a patient's perspective, such as daily impact, self-management, treatment options and side effects.

Furthermore, several (panel) discussion sessions were organized on the use of biologicals in severe asthma, real time registry data in practice and the National Program Lung research (NPL). NPL is aiming for the formation of national Public-Private-Partnerships (PPP) consortia on respiratory topics suggested by researchers, medical doctors, patients, industry and policy makers.

IN COLLABORATION WITH:



Chiesi Young Investigator Award

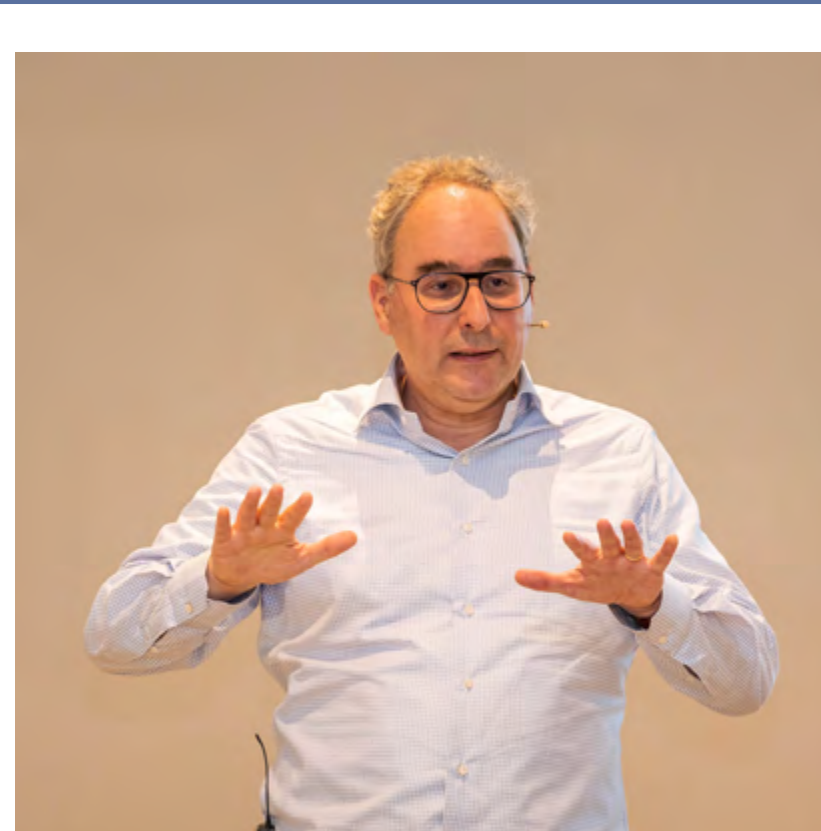
From the 61 abstracts plus impact statements that were submitted, 6 abstracts from bright junior scientist were selected by a panel of judges for an oral presentation in the Young Investigator Session. After their oral presentations, the prize winner of the **Chiesi Young Investigator Award** was selected (50% by an expert jury and 50% by votes from the audience). Congratulations to **Mehmet Nizamoglu (University Medical Center Groningen)**! The other 5 participants were awarded the **Chiesi Young Investigator Award Highly Commended**.



All other abstracts were presented in very well attended poster sessions. Awards presented included the **Impact statement Award**, as well as four poster prizes in the following categories:

- Clinical impact
- Clinical future perspectives
- Disease underlying mechanisms
- Modelling respiratory diseases

The **Mid-career Award** was newly introduced this year and awarded to **Prof Dr. Daisy Janssen, (Maastricht University Medical Center)**. She will use this award to facilitate the implementation of Interdisciplinary Home-based Reablement Program (I-HARP) for patients with COPD needing palliative care and demonstrate her findings during next year's DLC.



AWARD WINNERS

CHIESI YOUNG INVESTIGATOR Award

Fibrotic lung derived ECM hydrogels drive further fibrotic alterations by lung fibroblasts.

Mehmet Nizamoglu
University Medical Centre Groningen, Groningen

CHIESI YOUNG INVESTIGATOR Award Highly Commended

Loss of STAG2 leads to lineage switching and acquisition of novel therapeutic vulnerabilities in lung cancer.

Dr Stephan Prekovic
Netherlands Cancer Institute, Amsterdam

A lung tissue gene expression profile of severe early onset COPD.

Dr. Niek Bekker
University Medical Centre, Groningen

Prevalence of non-pharmacological treatable traits in patients with asthma and their correlation with asthma control and quality of life.

Steffi Janssen, MSc
Basalt Rehabilitation Centre, Leiden; Radboud University Medical Centre; Nijmegen and Maastricht University Medical Centre, Maastricht

Treatment with allogeneic bone-marrow derived mesenchymal stromal cells alters pulmonary and systemic immune cell profile in emphysema patients.

Dr. P. Padmini S.J. Khedoe
Leiden University Medical Centre, Leiden

Changed responses to influenza infection in house dust mite-exposed mice.

Dan Li, MSc
University of Groningen, Groningen

IMPACT STATEMENT AWARD

Diagnosing non-small cell lung cancer by exhaled-breath profiling using an electronic nose: a multicentre validation study.

Sharina Kort
Medisch Spectrum Twente, Enschede

POSTER THEME 1 | Clinical Management

Cumulative Corticosteroid Sparing Effect Of Anti-Interleukin-5/5Ra In Eosinophilic Asthma

Hans Kroes
Medical Centre Leeuwarden, Leeuwarden and University of Groningen, Groningen

POSTER THEME 2 | Clinical Future Perspectives

Airway remodeling detection after bronchial thermoplasty in severe asthma.

Pieta Wijsman
University of Amsterdam, Amsterdam

POSTER THEME 3 | Disease underlying mechanisms

A cocktail of IPF associated soluble factors impairs alveolar type II cell differentiation

Rosa Kortekaas
University of Groningen, Groningen

POSTER THEME 4 | Modelling Respiratory diseases

The influence of a COPD extracellular matrix microenvironment on neutrophil migration.

Stan de Haan
University Medical Center Groningen, Groningen

GOALS for 2023

- Continue to provide an inspiring and attractive meeting
- Increase the number of participants and abstracts
- Increase attractiveness for professionals, (pediatric) pulmonary physicians, general practitioners
- Include one afternoon dedicated to general public and patients
- Provide a larger poster area, more opportunities for networking and interactions with sponsors
- Increase and broaden participation to NPL sessions and national PPP consortia

We thank our sponsors:

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