

COST Action Annual Meeting 2022

Open-ILD: A European network leading research in Interstitial lung disease in adults and children

Join us in Dublin, Ireland for the
IG16125 Action 2022 Training School
25th-27th May 2022

Abstract Submission and Registration deadline extended to 8th April 2022

COST IG16125 Action is a multidisciplinary network of leading European laboratories from > 27 countries focused on finding new treatments for children and adults with interstitial lung diseases. We plan to achieve this aim by generating a framework to openly share induced pluripotent stem cells from patients so that we can establish new preclinical models of disease. We also aim to train researchers to develop and use these novel disease platforms.

Expert clinicians, scientists and patient representatives will meet in Dublin to discuss scientific discoveries and advances related to children's and adult's interstitial lung disease.

Hot topics including

- Genetic mechanisms underlying interstitial lung diseases.
- Induced pluripotent stem cells models of interstitial lung disease, Kostas Alysandratos, Boston.
- Surfactant protein mutation related intestinal lung disease, Nadia Nathan, Paris.
- The patient perspective of inherited interstitial lung disease and finding new treatments.
- Telomere gene mutation related interstitial lung disease, Raphael Borie, Paris.
- Gene therapy for neonatal interstitial lung diseases, Deborah Gill, Oxford.
- Keynote speaker – Gisli Jenkins, Imperial College London.
- Early-stage researcher presentation and prizes.
- A limited number of hands-on practical teaching sessions in iPSC technology including:
 - Working with iPSC-derived 3D lung organoids and macrophage.
 - Culturing iPSC in 2D.
 - Overview of reprogramming iPSC from patient blood samples and isolating PBMC.
 - May 25th and 26th only.

Oral presentations from leading senior researchers and young researchers
Prizes* *Discussions* *Networking events