

38. Affordable solutions to indoor air pollution for one-third of the world's population

**THE 46TH UNION
WORLD CONFERENCE
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Saturday, 05 December 2015, 13:30 - 15:00

Room MR 2.61-2.63

Type of session Symposium

Track Civil society / patient & community engagement

Description Indoor air pollution threatens the lives and health of around three billion people in low- and middle-income countries. Two million people die prematurely from illnesses attributable to indoor air pollution from household solid fuel use; and nearly 50% of pneumonia deaths among children under five are due to particulate matter inhaled from indoor air pollution. This symposium seeks to highlight the health problems related to indoor air pollution as well as the research, capacity building and advocacy needed to establish a smokefree home environment the world over.

Target audience **1.** Public health advocates, policymakers, health professionals, programme managers
2. Public health engineers

Objectives **1.** Highlight the burden of disease from indoor air pollution in low- and middle-income countries
2. Describe intervention research to reduce this burden of disease
3. Provide cost-benefit analysis for scaling up solutions
4. Call for global action to scale up interventions

Keywords Indoor air pollution; biomass fuel; clean cookstove

Coordinator(s) Khurshid E Khuda Talukder (Bangladesh)

Chair(s) Khurshid E Khuda Talukder (Bangladesh)

Presentations **13:30 - 13:40** Airborne endotoxin concentrations in homes burning biomass fuel

13:45 - 13:55 The Cooking and Pneumonia Study (CAPS) in Malawi
Stephen Gordon (UK)

14:00 - 14:10 Indoor air pollution and the health of children under five in Bangladesh
Md. Khalequzzaman (Bangladesh)

14:15 - 14:25 Who adopts improved fuels and cookstoves? - To be confirmed

14:30 - 14:40 How to increase demand for nontraditional cookstoves
Rogelio Perez-Padilla (Mexico)

14:45 - 15:00 Discussion