

Towards a breathable future: Managing Threats to Respiratory Health in Urban Slums

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No conflicts of interest



Funding



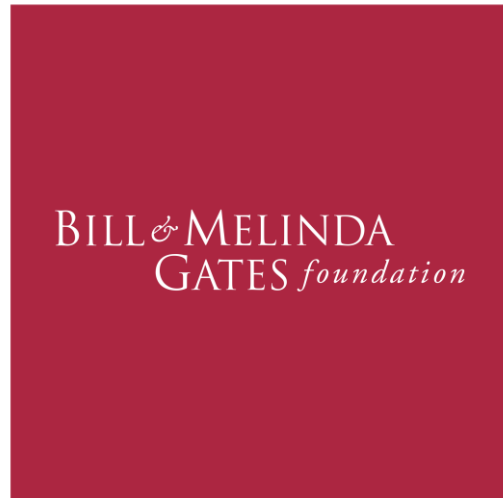
National Heart, Lung,
and Blood Institute



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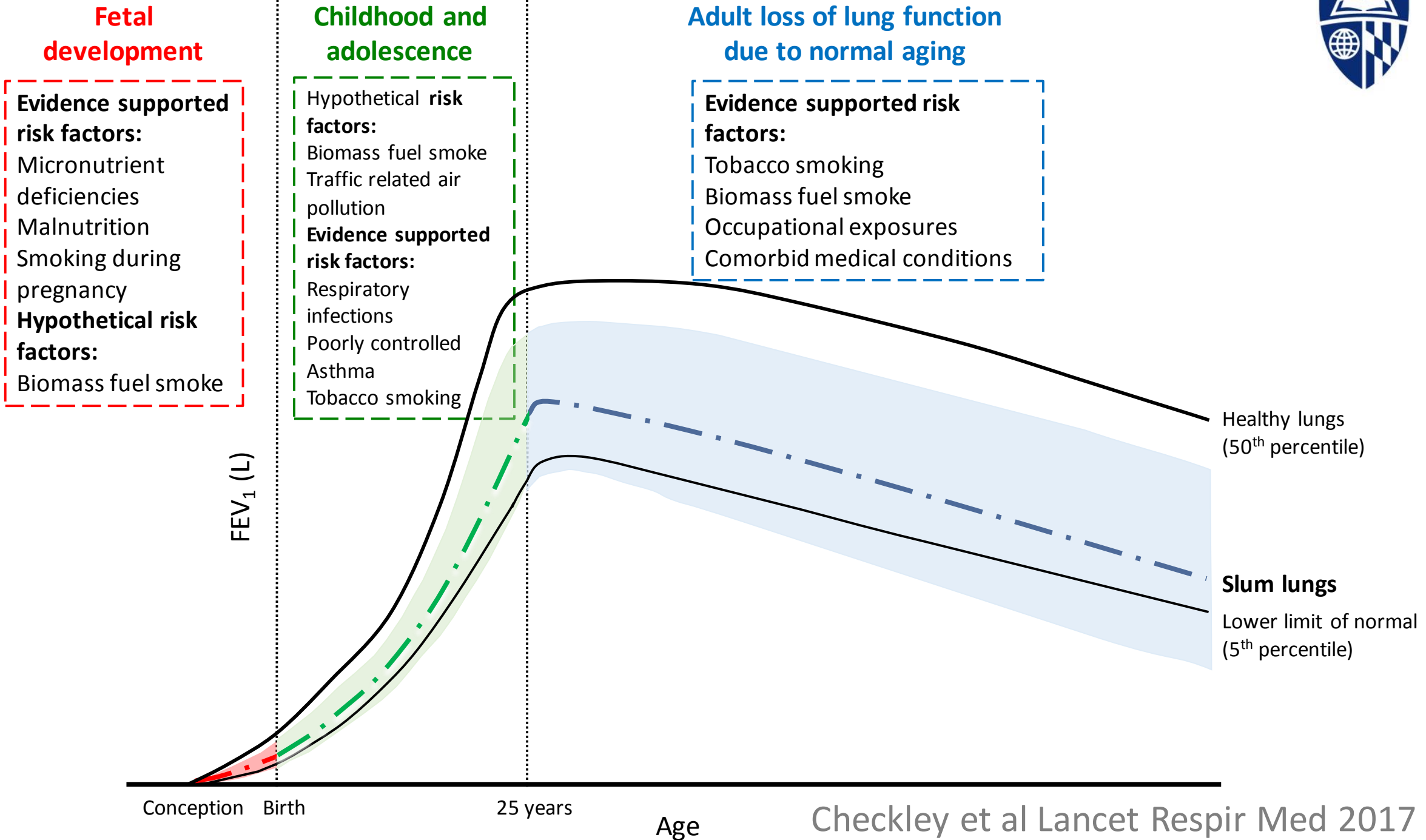


Why care?



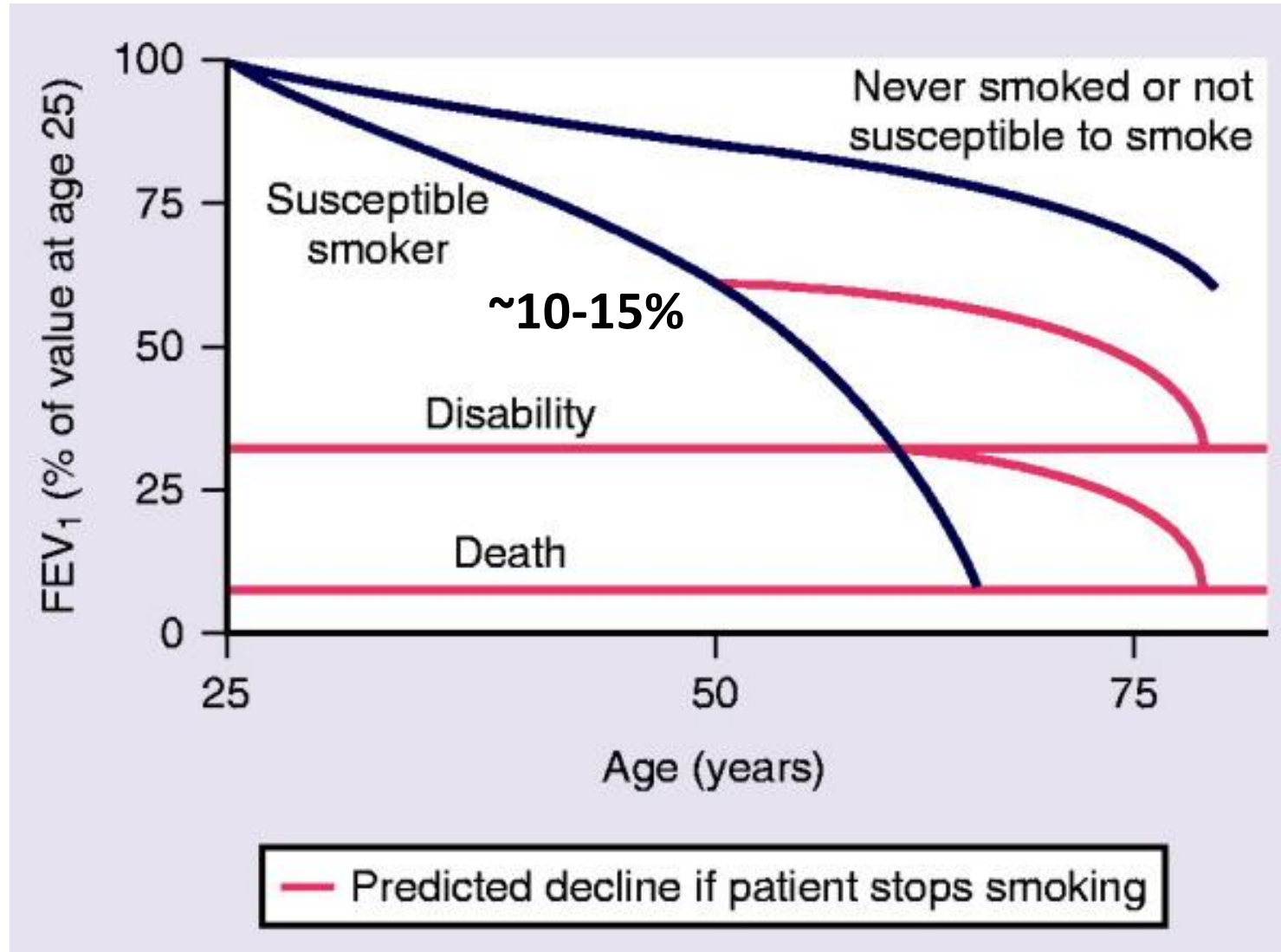
Respiratory health in urban slums

- >50% of world lives in urban areas, ~863 million live in slums
- Slum living is linked to poverty and multiple risk factors:
 - Poor housing quality and overcrowding
 - Ambient, traffic-related, and household air pollution
 - Tobacco and secondhand smoke
 - Allergenic sensitization
 - Micronutrient deficiencies
 - Poor and inadequate diet and sedentary lifestyle



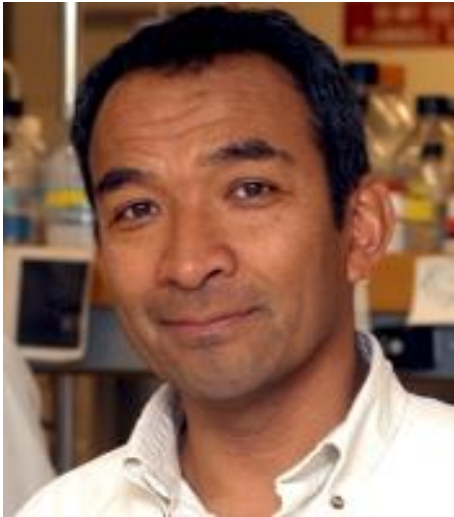


FEV₁ decline in smokers vs. non-smokers





Panelists



Lee Riley, MD
UC Berkeley
Tuberculosis
India, Brazil



Catherine Miele, MD
JHU
Pollution, COPD and
chronic bronchitis
Peru



Suzanne Pollard, PhD
JHU
Asthma,
micronutrients and
ambient pollution
Peru



Trishul Siddharthan, MD
JHU
COPD, chronic bronchitis,
asthma
Uganda