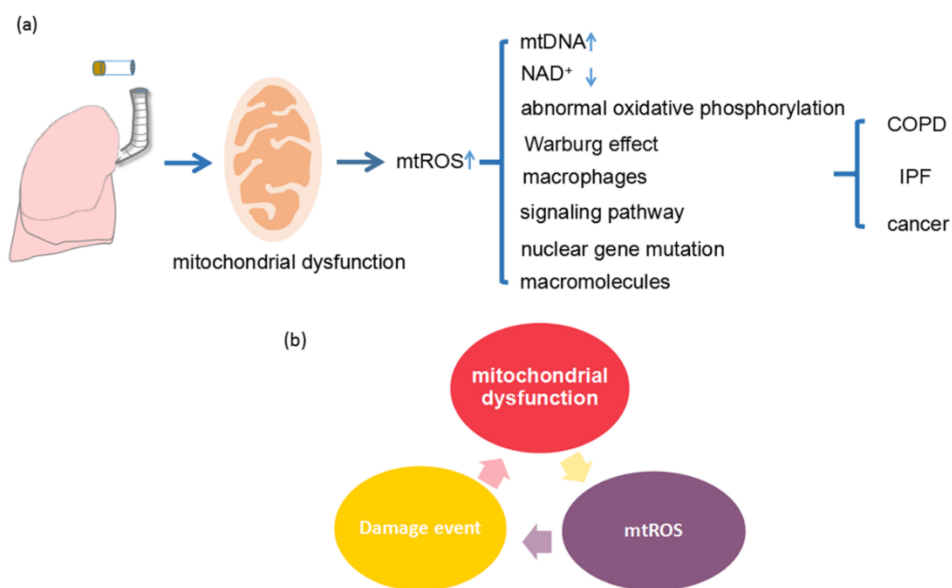


Lung-Disease-Related Mitochondria Studies

Mitochondrial dysfunction is rapidly developing as a key pathological feature of early and persistent lung disease. In particular, mitochondria are emerging as central to the pathological processes and clinical phenotypes associated with a range of lung diseases.

Abnormal mitochondrial signaling plays an important role in many lung diseases:

- Altered mitochondrial biogenesis and mitogenesis
- Increased mtDNA mutations
- Abnormal mitochondrial-derived signaling
- Activation of mtDAMPs



Relationship between mitochondria dysfunction and lung diseases (Fang et al., 2019).

Comprehending the molecular mechanisms that modulate mitochondrial processes in lung cells will allow for a better definition of the phenotypes and clinical manifestations associated with respiratory diseases and explore potential diagnostic and therapeutic targets.

Creative Biogene works with you to validate and explore the pathogenesis of [mitochondria-associated lung diseases](#) and possible interventions, with professional services and products to support your research.

Specific Lung Diseases

Creative Biogene offers comprehensive testing services for the evaluation of a variety of lung diseases. You could benefit from our established models of a variety of lung diseases. We offer comprehensive mitochondria-focused testings and services with the advantage of our cell-based and animal-based models.