

Figure S2

Pulmonary Granulomatous Diseases

Other Similar Respiratory Diseases

Controls

Pulmonary Tuberculosis

Pulmonary Sarcoidosis

Community Acquired Pneumonia

Primary Lung Cancer

Healthy Controls

13 recruited
Inclusion criteria:
Suspected pulmonary TB
Not started TB treatment
No significant co-morbidities
Age > 17 years
Written informed consent

Excluded:
No *Mtb* culture (1)

Samples processed for microarray

1 excluded
Failed quality control

11 pulmonary TB patients with positive *Mtb* culture

32 recruited
Inclusion criteria:
Suspected pulmonary sarcoidosis
Not on treatment
No significant co-morbidities
Age > 17 years
Written informed consent

Excluded
Co-morbidity (1)
Negative/no biopsy (3)
In remission/resolved (2)

Samples processed for microarray

1 excluded
Failed quality control

25 sarcoidosis patients with biopsy proven granuloma and thoracic radiological features of sarcoidosis

10 recruited
Inclusion criteria:
Suspected bacterial pneumonia
No previous TB
Age > 17 years
Written informed consent

Excluded:
Normal chest X-ray (2)
Wrong diagnosis (1)

Samples processed for microarray

1 excluded
Failed quality control

6 community acquired pneumonia patients as per the BTS guidelines

8 recruited
Inclusion criteria:
Histological evidence
Radiological evidence
No previous TB
Age > 17 years
Written informed consent

Samples processed for microarray

8 lung cancer patients with histological and radiological features of primary lung cancer

61 recruited
Inclusion criteria:
No co-morbidities
No previous TB
Age > 17 years
Written informed consent

Excluded:
+ve IGRA (8)

Samples processed for microarray

52 healthy controls

11 TB

25 Sarcoidosis

14 Other Respiratory

52 Controls