Clinical studies and potential novel therapy

DISEASE
- Defined and quantified histopathology
- Strong disease gene expression signature
- Unbiased drug screening approach using CMap
- *In vitro* and *in vivo* validation of identified drugs

COPD
- Regional severity of emphysema
- Comparative enrichment of emphysema gene signature
- Identification of tripeptide GHK using CMap
- *In vitro* validation of GHK