

# Protocol

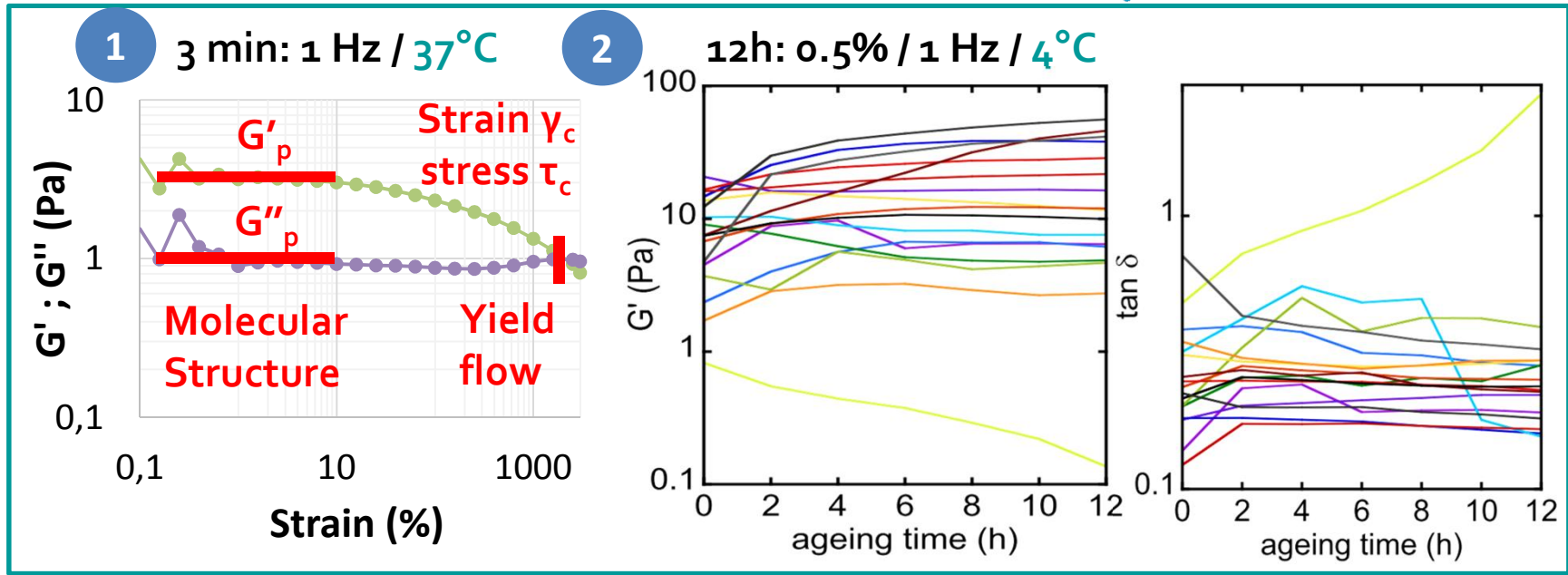


CHU  
GRENOBLE  
ALPES

CF p. n = 17

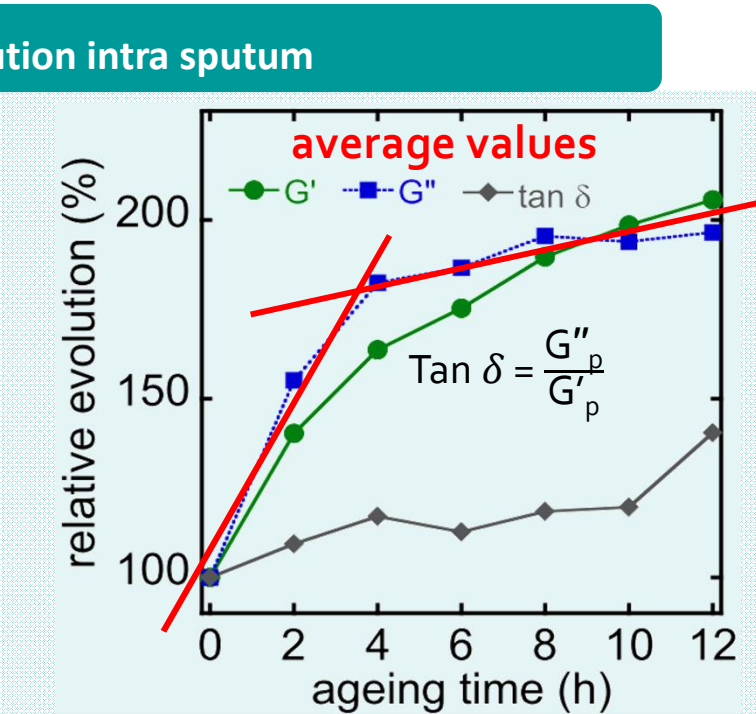
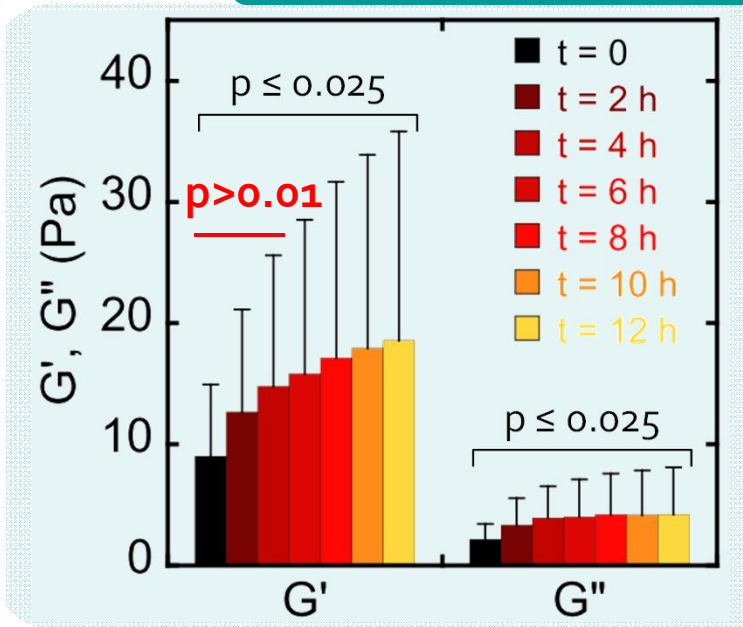
2 visits 48h apart

Spontaneous sputum



# Results

12 h evolution intra sputum



Reproducibility 48 h

