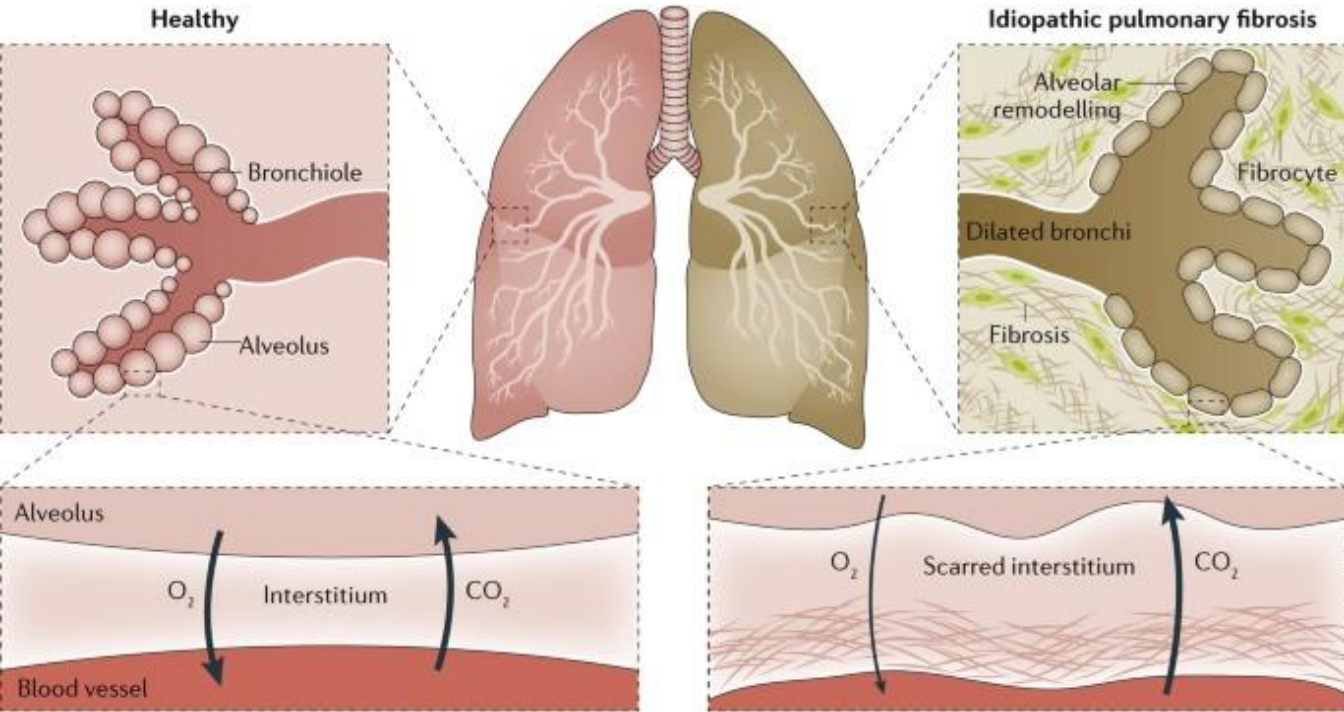


Fibroza pulmonară idiopatică

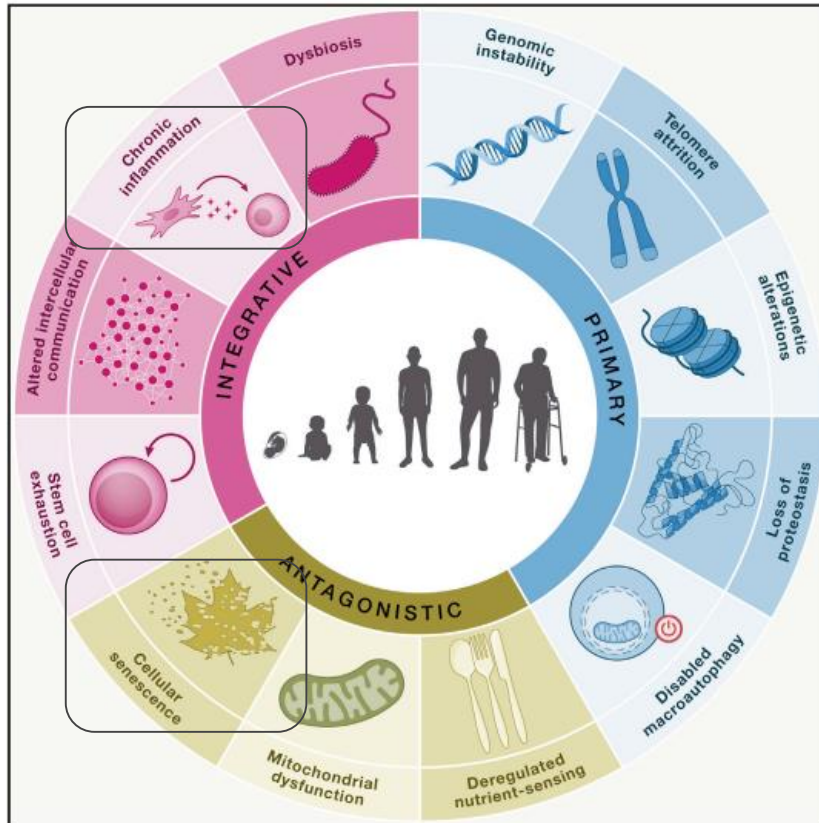
Ipoteza „inflammaging” și celulele senescente

Pe scurt despre fibroza pulmonară

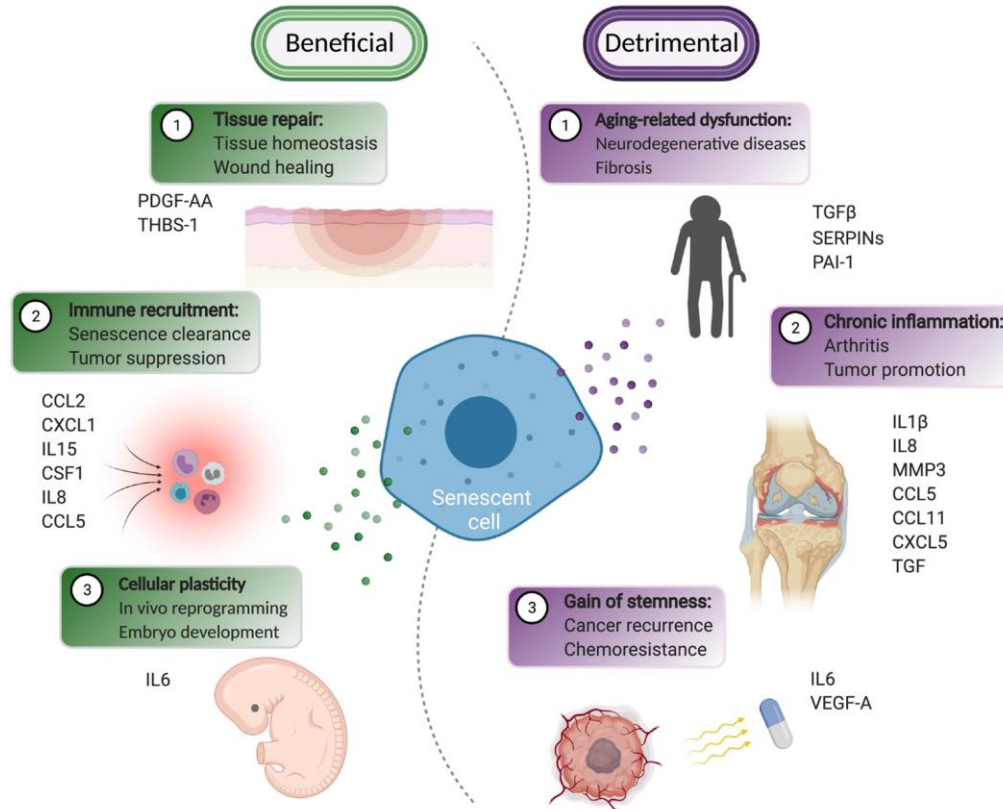


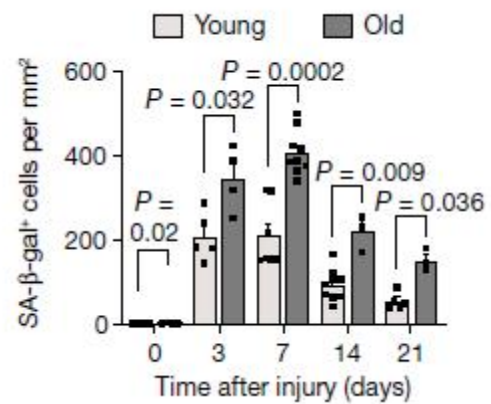
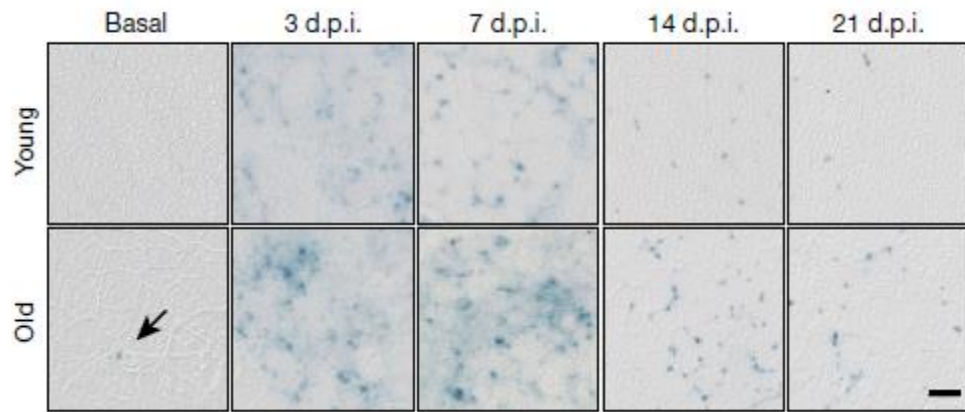
- 3-5 ani speranța de viață post-diagnostic
- Tratamentele încetinesc progresul bolii și/sau ameliorează simptomele
- Vârsta mediană a pacienților la diagnostic e 66 de ani

Semnele îmbătrânirii la nivel molecular

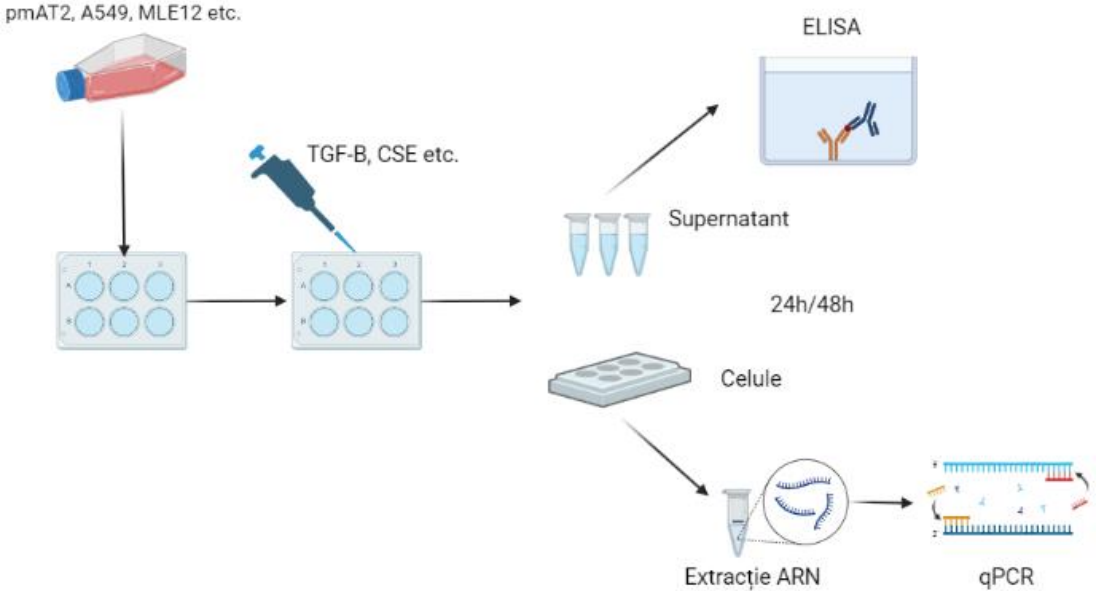


Fenotipul secretoriu senescent

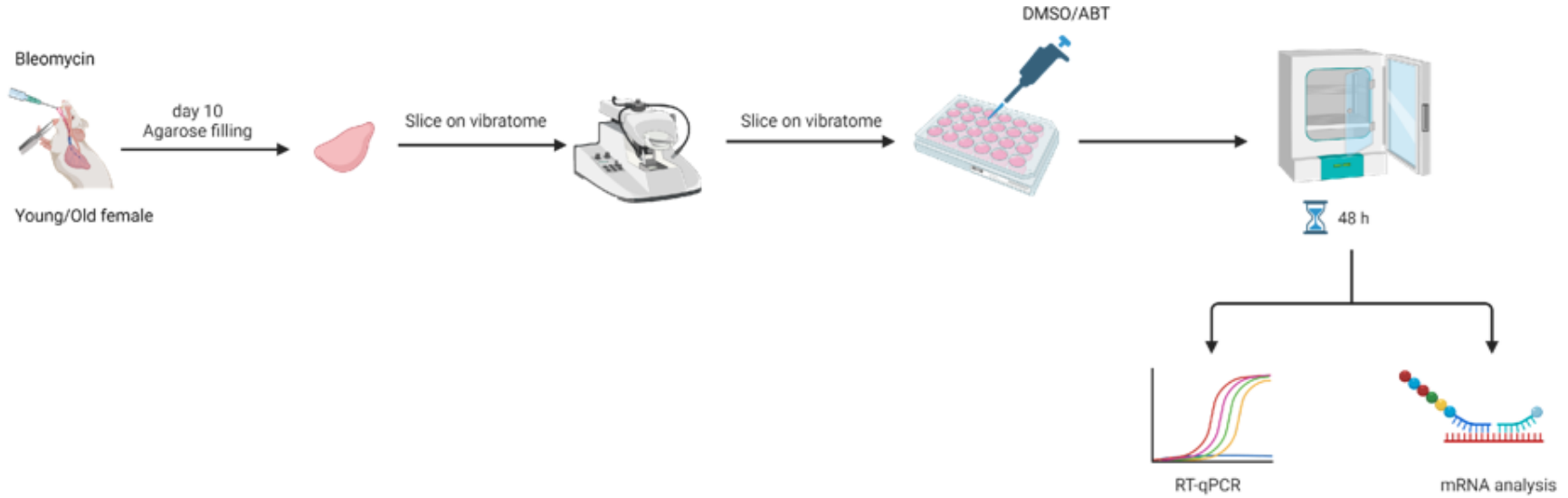


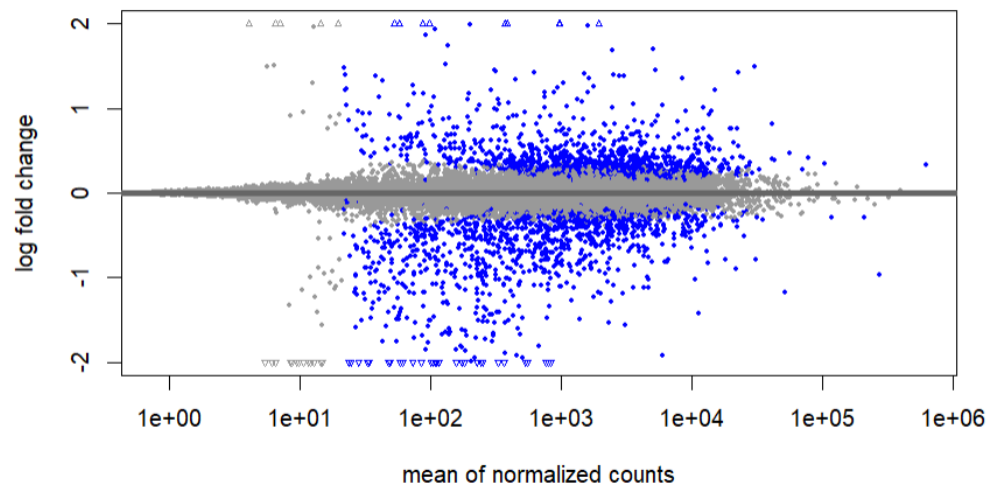


Design experimental *in vitro*



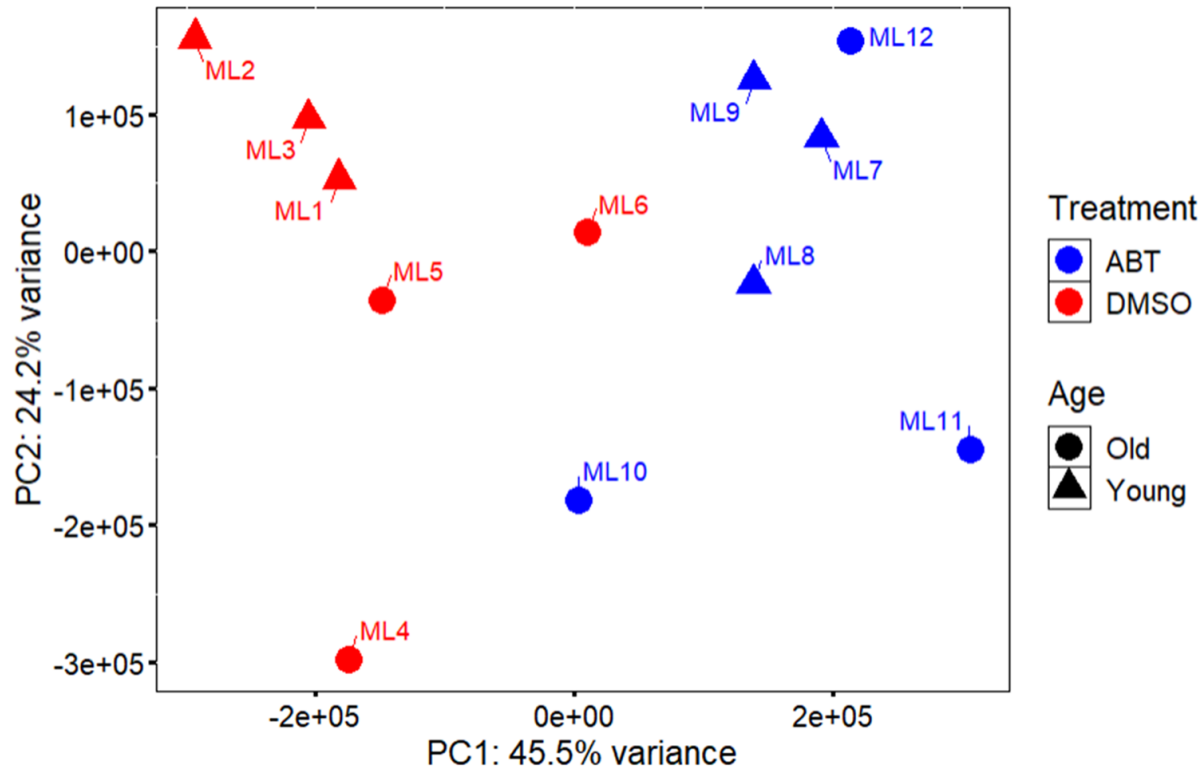
Analiza datelor de secvențiere ARN



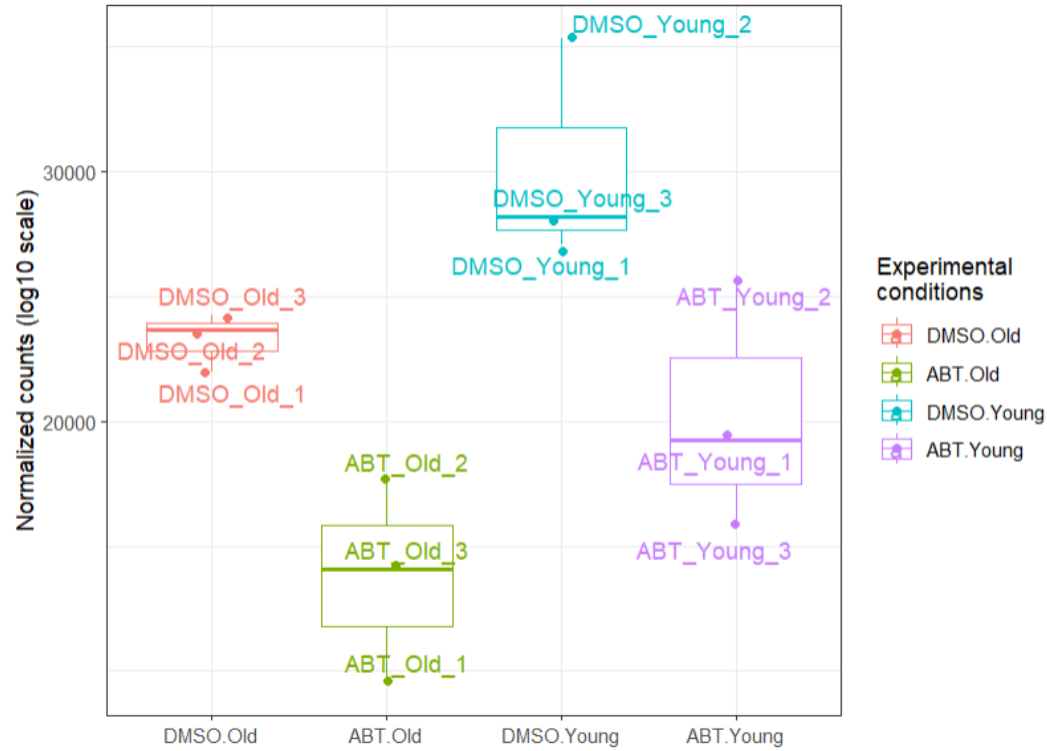


LFC > 0 (up)	: 1174, 4.5%
LFC < 0 (down)	: 1240, 4.7%
outliers [1]	: 89, 0.34%
low counts [2]	: 8610, 33%
(mean count < 22)	

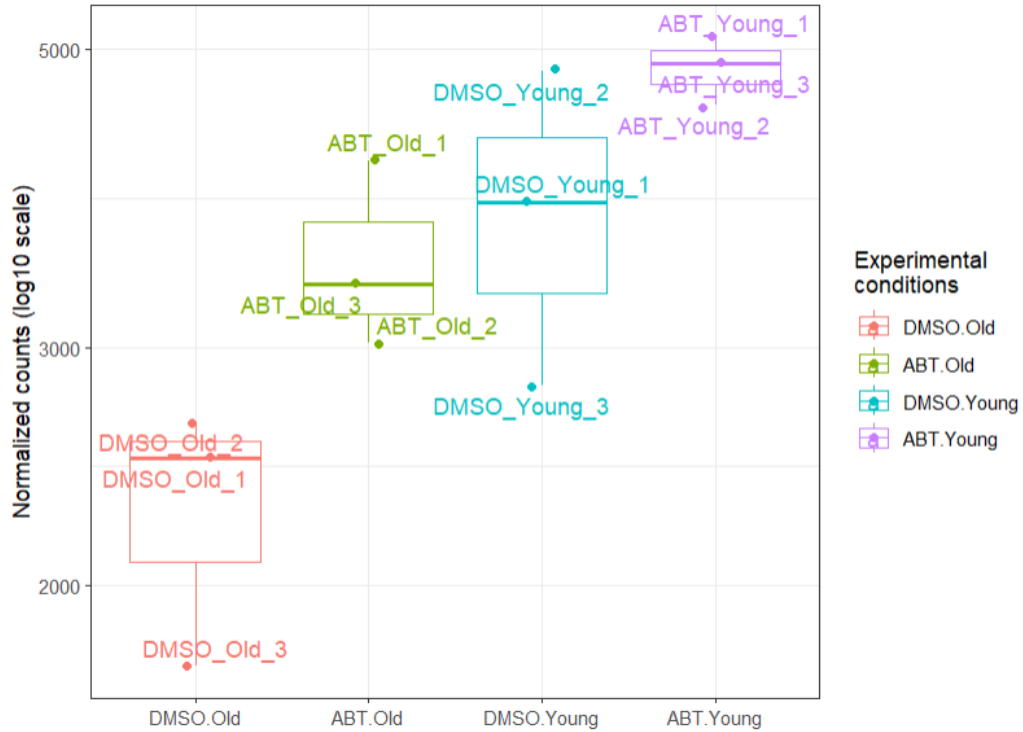
PCA



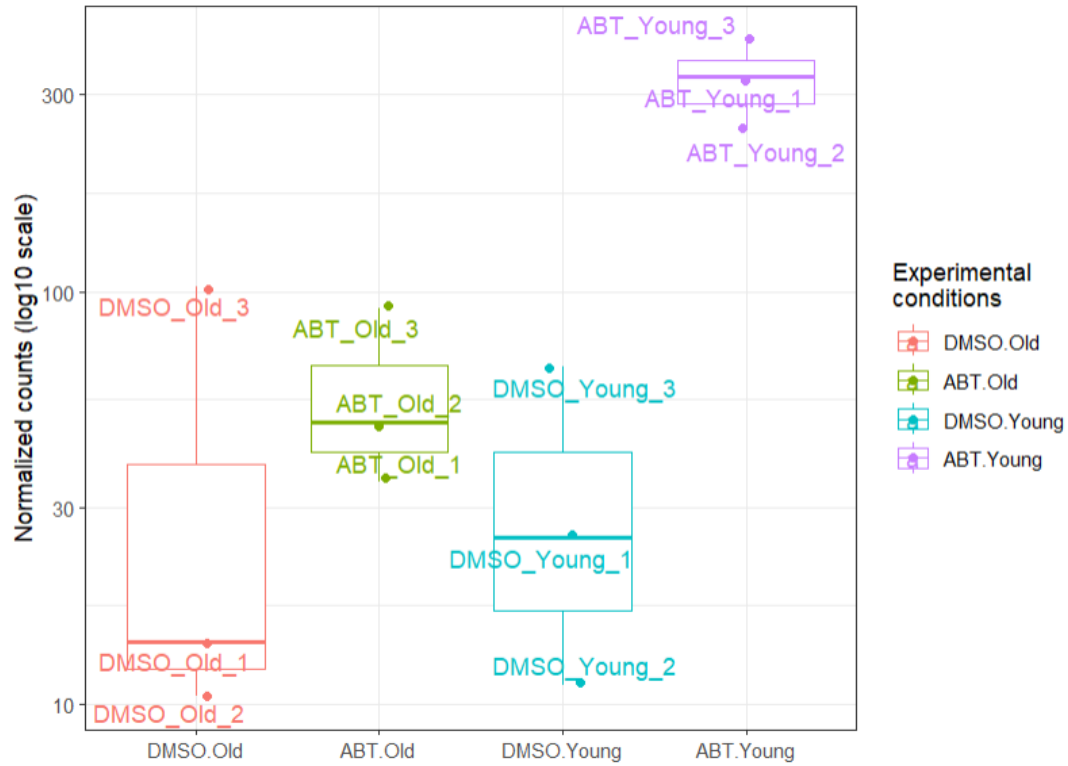
Normalized counts for Cdkn1a



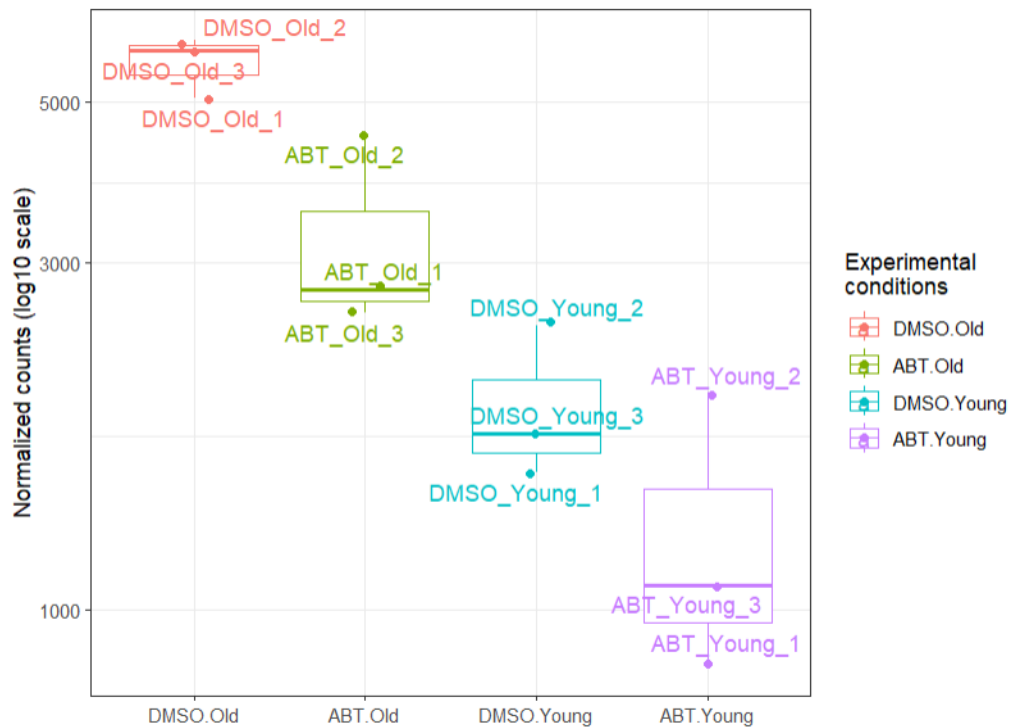
Normalized counts for Acta2



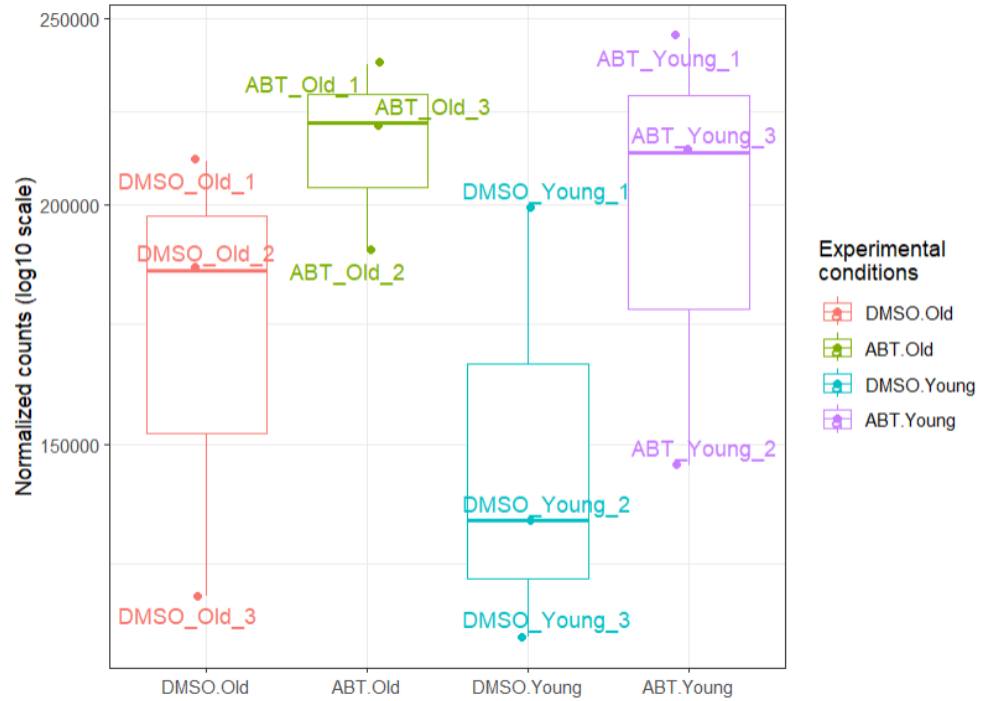
Normalized counts for Gzmk



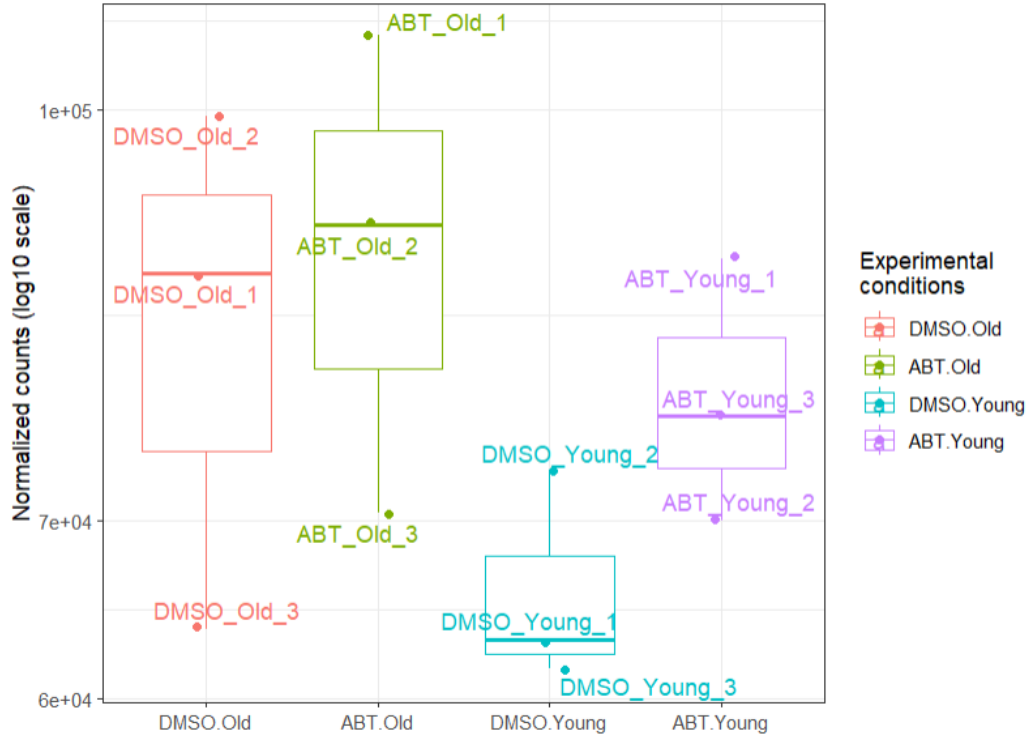
Normalized counts for Il6



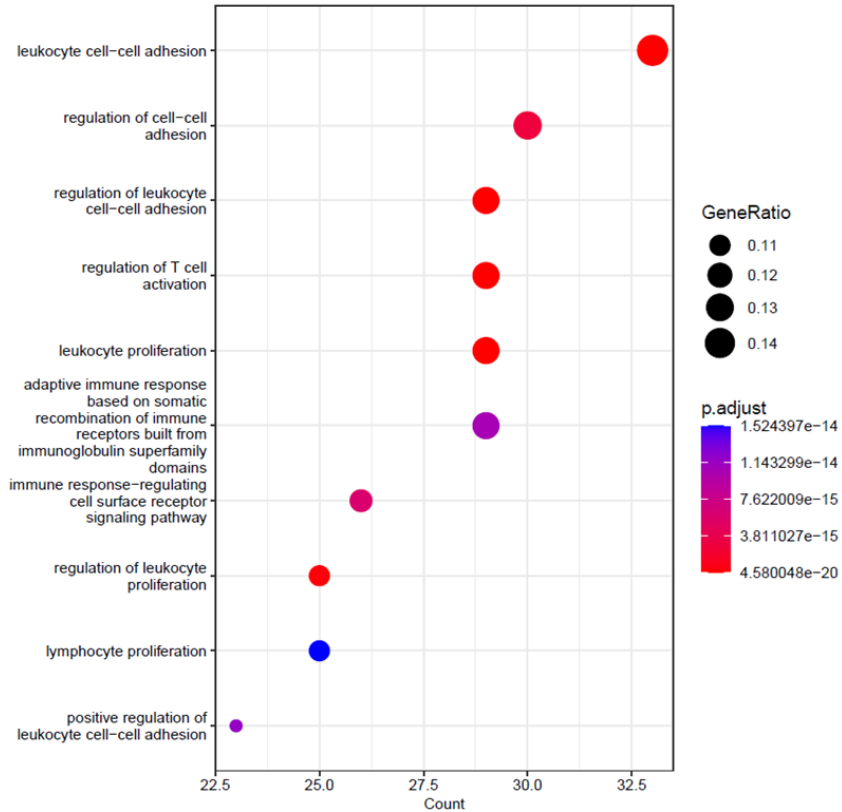
Normalized counts for Fn1



Normalized counts for Col3a1



Procese biologice cu nivel crescut



Muğumiri



HELMHOLTZ
MUNICH

CPC



Comprehensive
Pneumology Center

