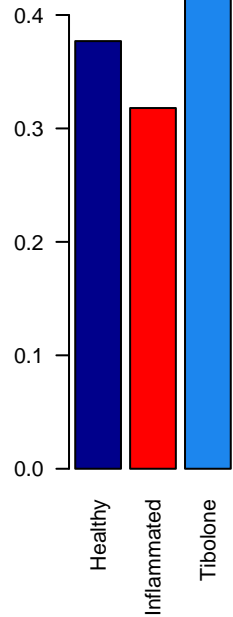
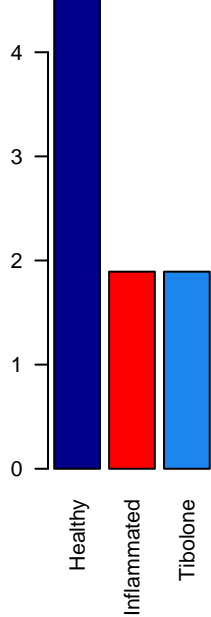


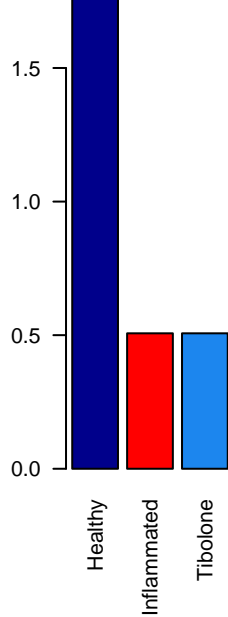
**BIOMASS
DMEM medium**



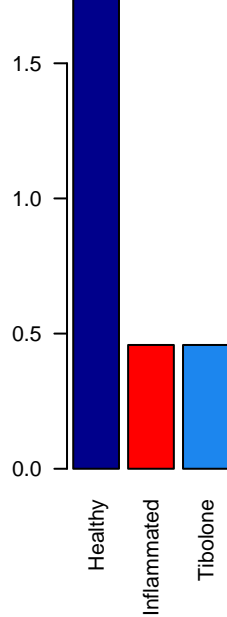
**CYS[e] to GTHRD[e]
Conversion**



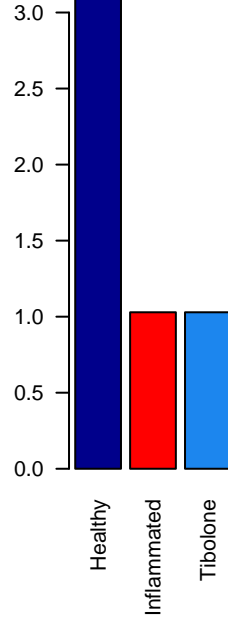
**GLC[e] to ATP[e]
Conversion**



**GLC[e] to LACTATE[e]
Conversion**



**GLU[e] to GLN[e]
Conversion**



**GLY[e] to dSER[e]
Conversion**

