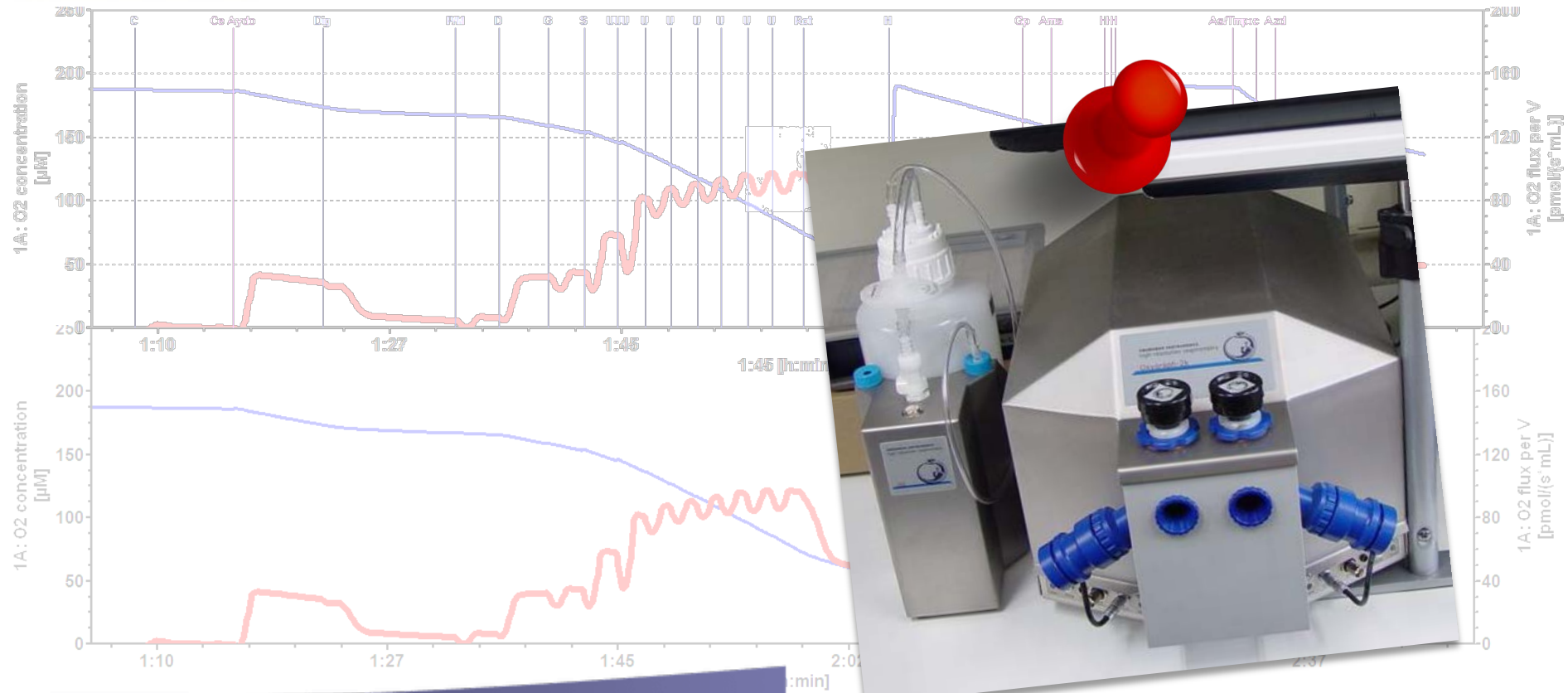


# Detecting metabolite changes in mitochondrial disease patients



Catarina Felgueira  
 Supervisor: Matt Bird, UZ Leuven

- Catarina Felgueira
- Sophomore (2<sup>nd</sup> year undergraduate)
- Biology major
- Previous research experience:  
Possible affects of caffeine on ROS  
abatement
- Home University: University of  
Tennessee at Chattanooga

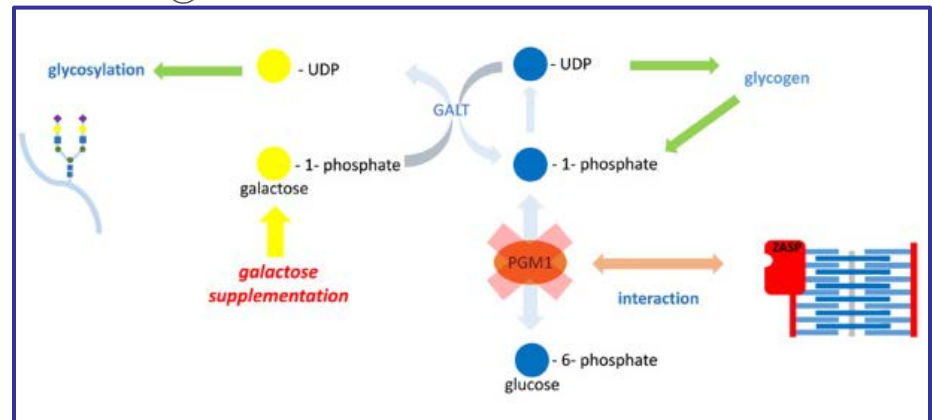
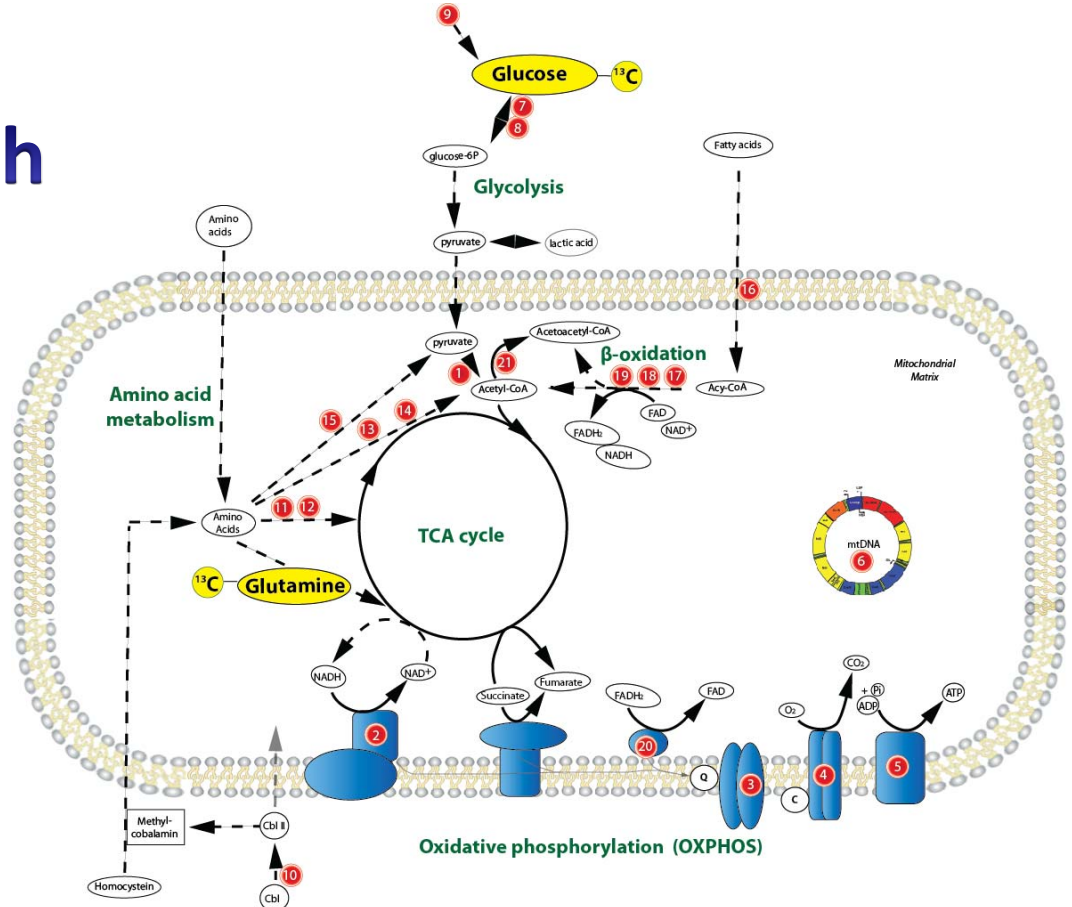
- Host University: KU  
Leuven
- Research location:  
Gathiusberg Hospital

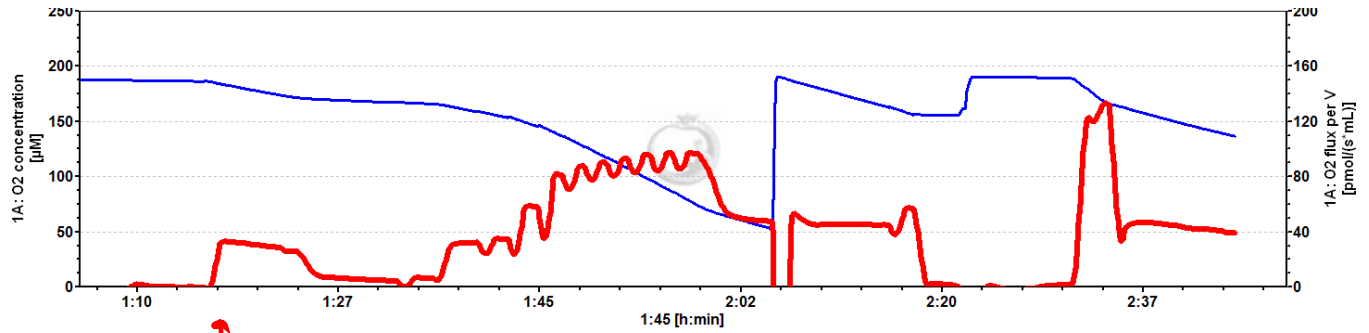
## Who am I really?

- Future plan: Keep doing  
research in the biology  
(molecular preferably)  
field during graduate  
school

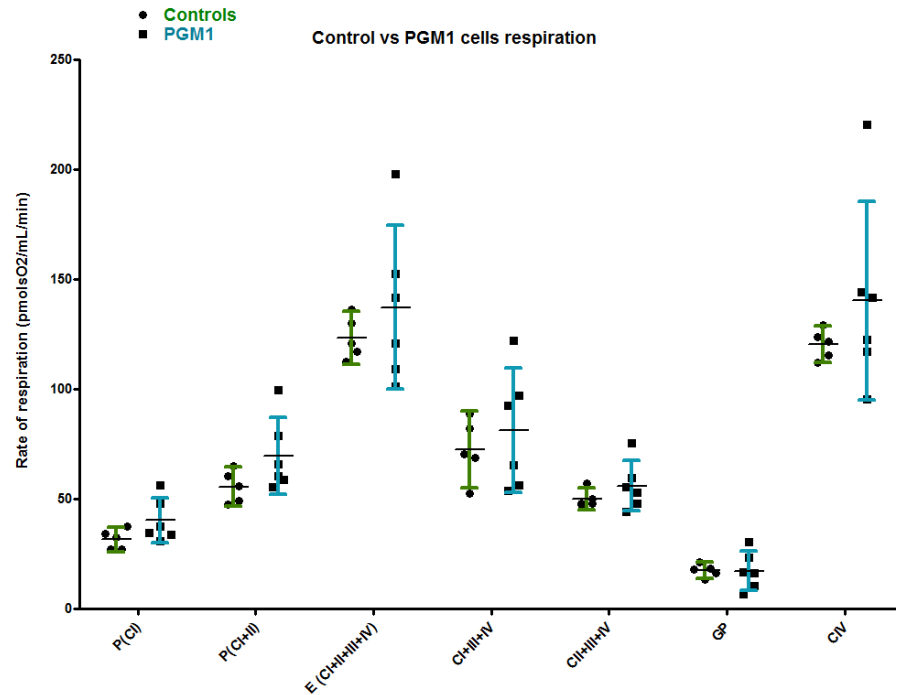
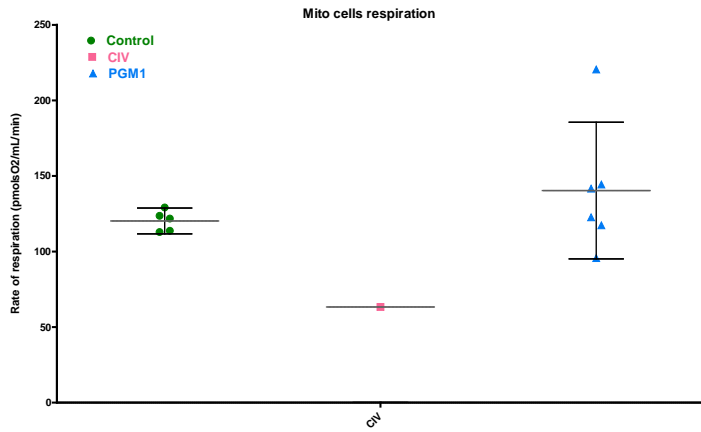
# The Research Question

- New diagnosis of mitochondrial diseases?
- Can we see a significant reproducible difference between patients and controls in oxygraphy?





# Method



# Results