



## WG4: Blood Cells and **Cell lines**

- Update
- Identify Future Tasks and Plan Future Group Work

# Data collection for comparative data evaluation, planning of future studies, data mining

**Task 1 Initiated in Barcelona: - 31 participants responded**

WG4:

Task 1

Please provide details of experience, current work/interest, data that can be made available to the group (published/unpublished)

Name	cell type experience	current interest	Own published data & protocols (ref)	un-published data & protocols that can be made available(attach as pdf)
	preparation protocols/ mitochondrial function			

## Follow up

Group participants on interest in particular cell types so those collecting primary data can go to the relevant source; make this list of interest available

**Attempt to identify groups that work on the same cell line to compare data for cross reference**

Data collection for comparative data evaluation,  
planning of future studies, data mining

**Task 2 Initiated in Obergurgl (Richard Porter)**

**Selecting published and primary data for Routine Respiration**

Follow up – participants to send relevant data to Richard Porter  
to integrate with the data he has collected

### Task 3

## Quantitative data

Condition	Parameter 1	Parameter 2	Parameter 3	Parameter 4
	Routine	LEAK	OXPHOS	ET
Control				
Disease				

### Problems:

- Different measurements units, different parameters, lack of original data to be able to get the data into the same format
- Gender not reported

## Associate Quantitative with Qualitative data: scoring system

Respiration	ATP	ROS	MitoPotential
Higher than control (1), Lower than control (-1), No Change (0)			

## **Priority**

**Identify groups that work on the same cell line to compare data for cross reference**