

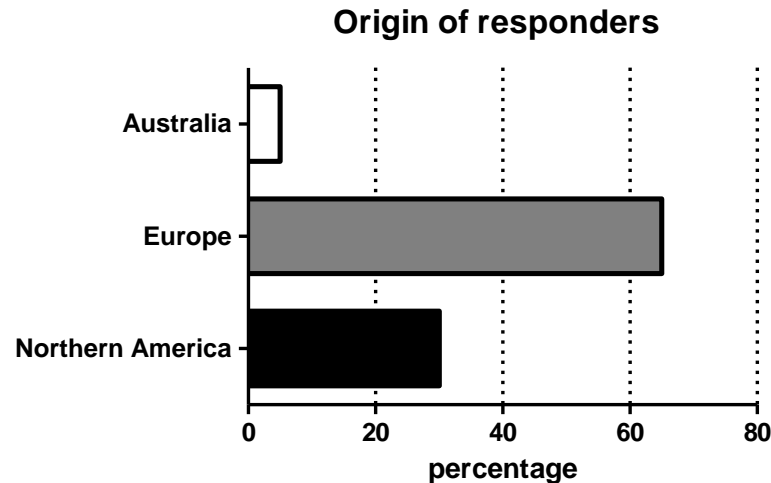
# Questionnaire of MetVes task 4.2

## Development of biological reference materials

### Results

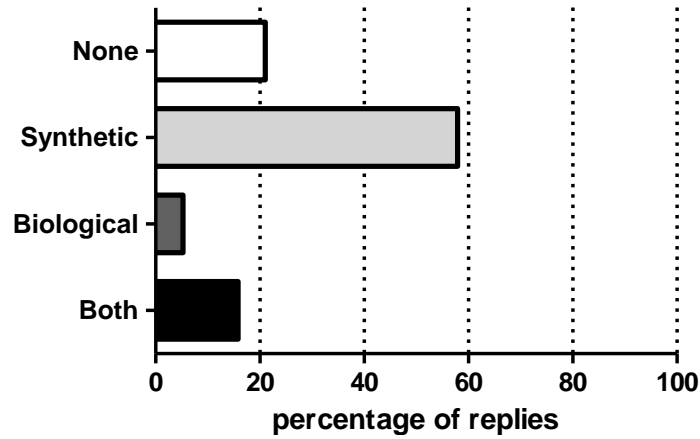
# Background

- The aim of the project is to discover biological reference materials for microvesicle (MV) studies
- To record current opinions about reference materials in MV studies, questionnaire was sent to 14 MetVes stakeholders and 32 collaborators of Academic Medical Centre (AMC)
  - Questionnaire response rate was 44 %

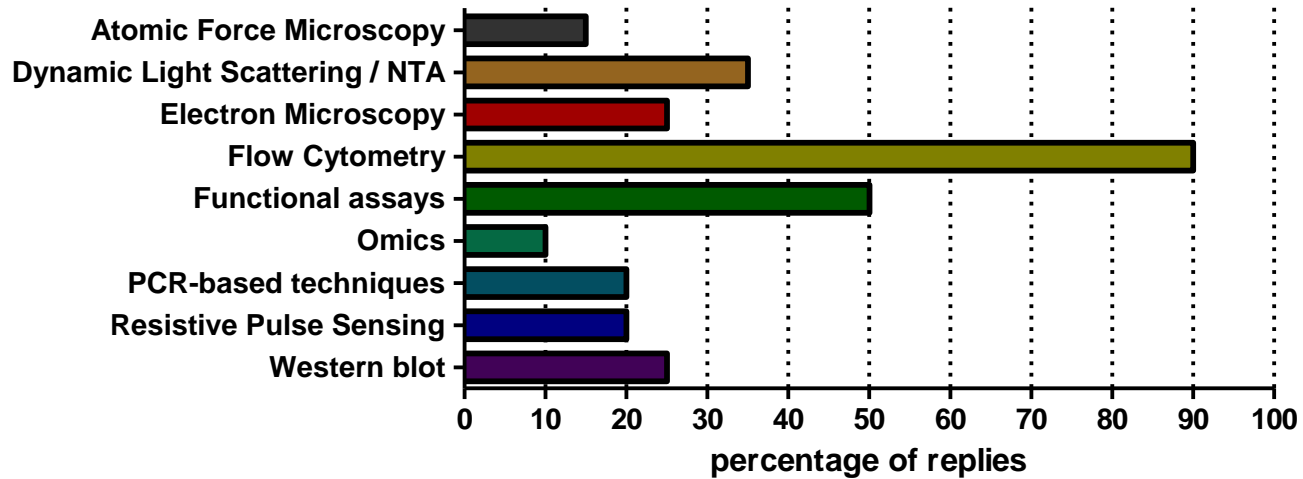


- Based on the answers candidate materials will be selected for further studies

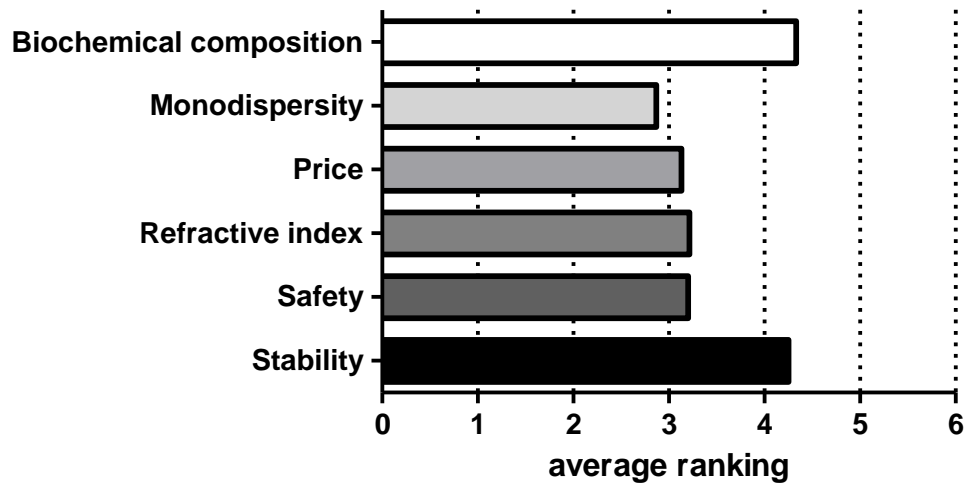
**Current use of reference materials in MV studies  
(as indicated by responses)**



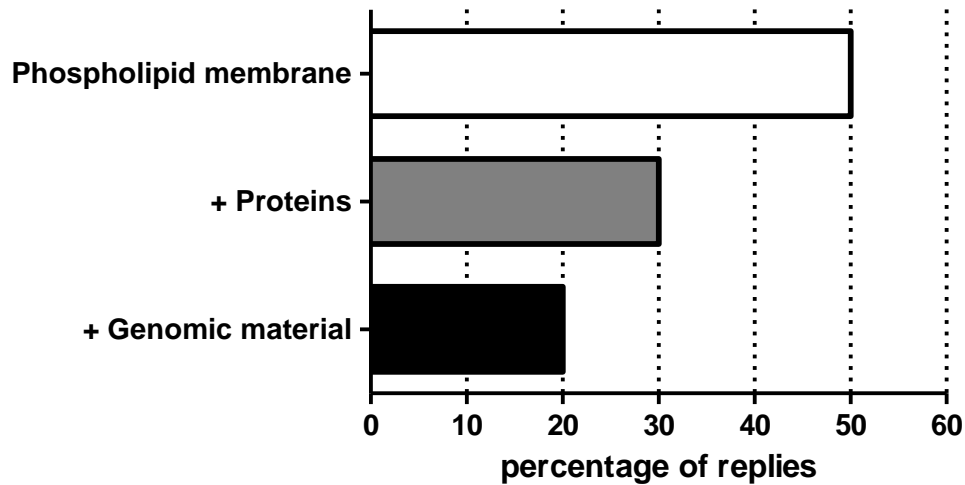
**Used techniques in MV studies  
(as indicated by responses)**



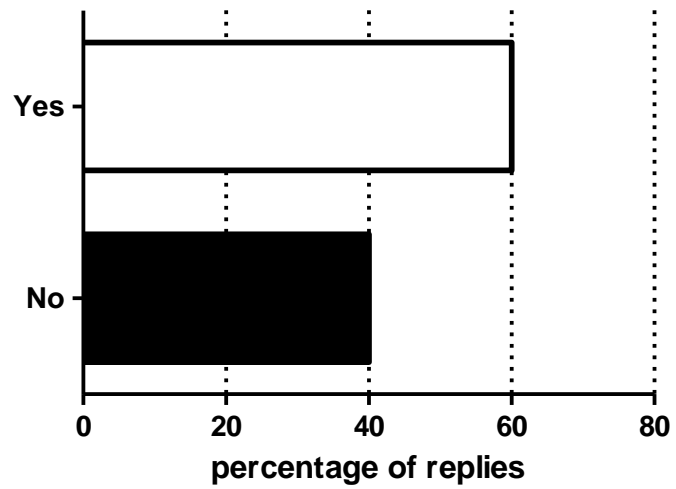
**Appreciated properties of reference materials  
ranked 1-6, 6 being the most important  
(as indicated by responses)**



**Minimum requirement of the  
biochemical composition of reference materials**



**"Would You use plant virus or marine bacteria as a reference material?"**



# Conclusions

- Mostly synthetic particles are used in MV studies as reference materials
- Flow cytometry is the most used technique in MV studies
- Biochemical composition and stability are the most appreciated properties of reference materials
- Given that safety is guaranteed, 60 % of responses indicate that plant viruses or marine bacteria are suitable as reference materials