

HBM4EU project

Extracellular vesicles as novel biomarkers for monitoring human disease

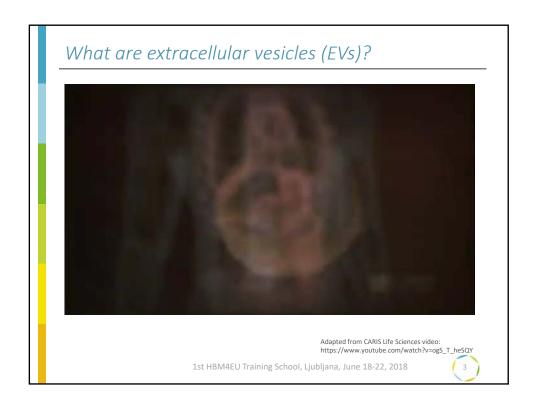
Metka Lenassi 1st HBM4EU Training School 2018

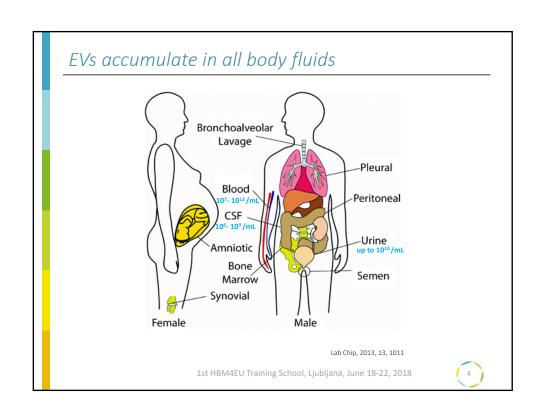
Presentation outline:

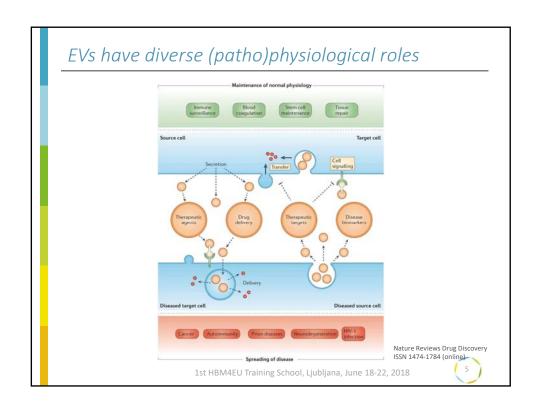
- What are extracellular vesicles?
- What is the role of extracellular vesicles in the human body?
- Why are extracellular vesicles good source of disease biomarkers?
- Extracellular vesicles in the blood
- Conclusions

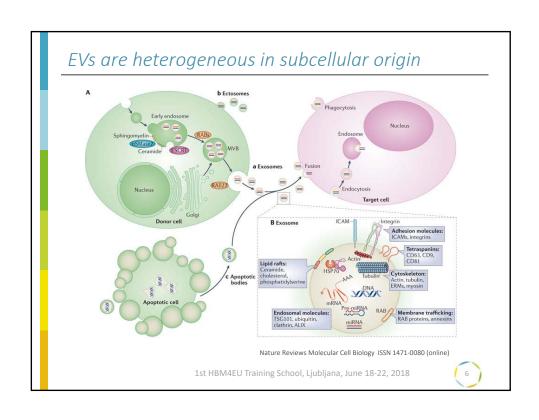
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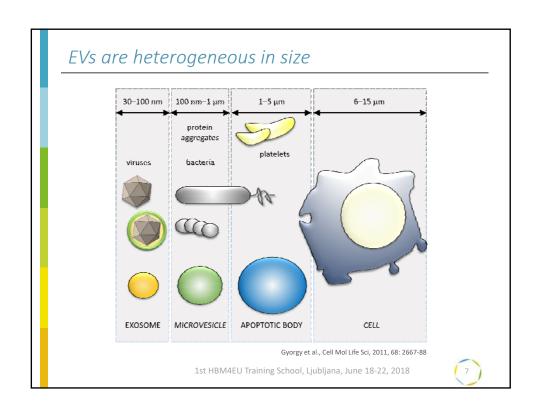


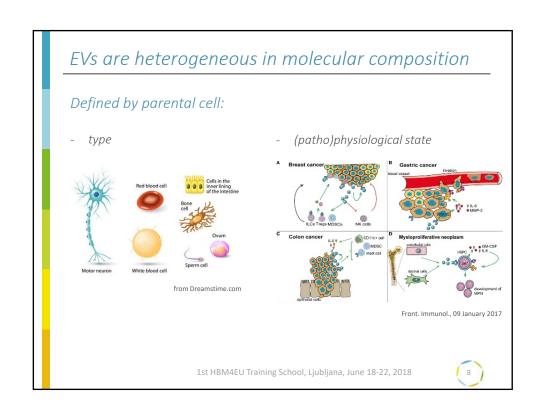


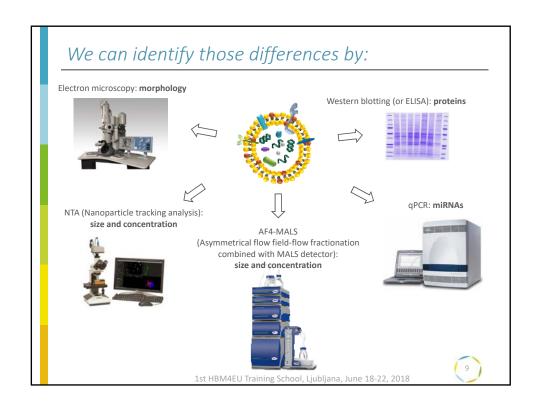


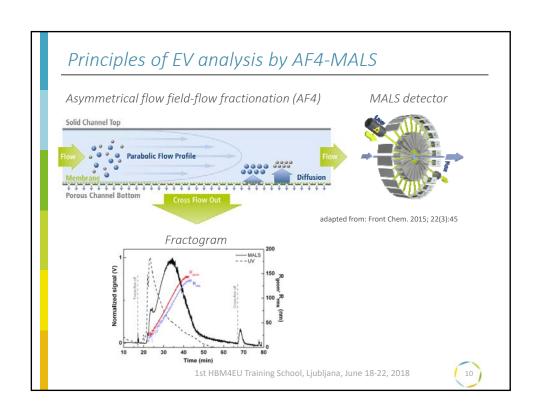


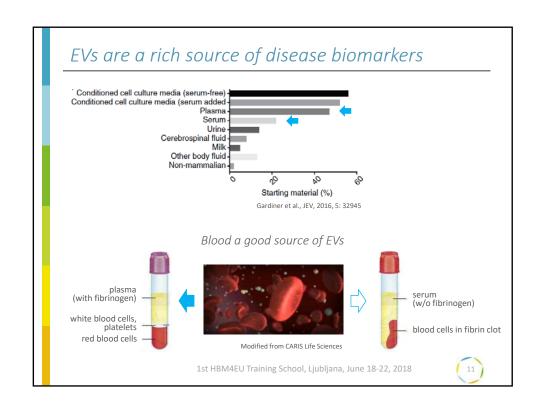


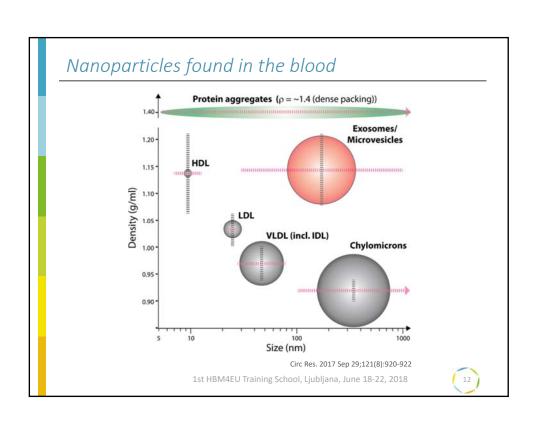


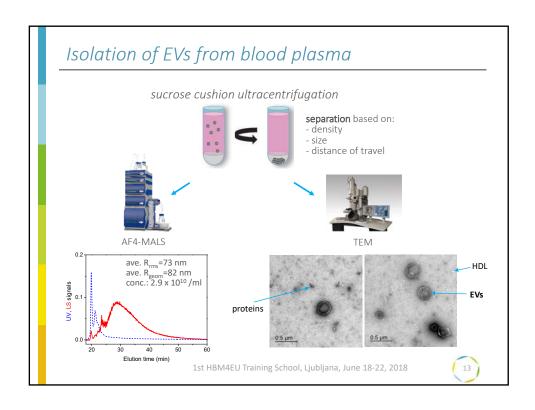












Conclusions

- EVs are messengers between cells.
- EVs are cell type specific.
- EVs morphology and composition is affected by disease.
- EVs are a rich source of disease biomarkers.
- Blood is a good source of disease-related EVs.

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