

HBM4EU project

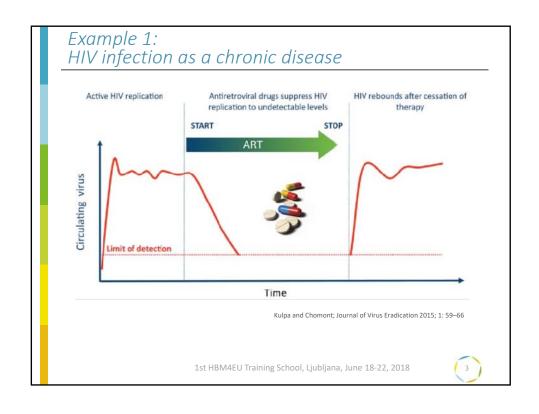
The application of extracellular vesicles in malignant mesothelioma diagnosis

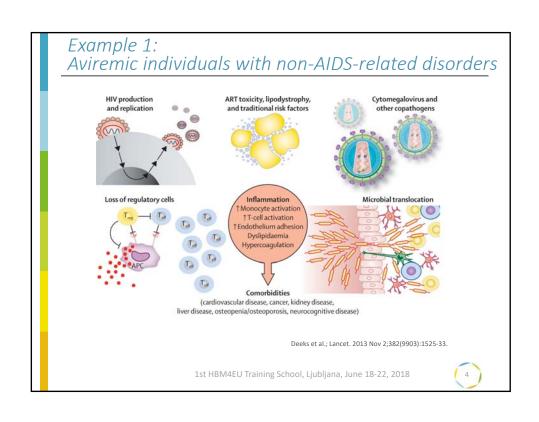
Metka Lenassi 1st HBM4EU Training School 2018

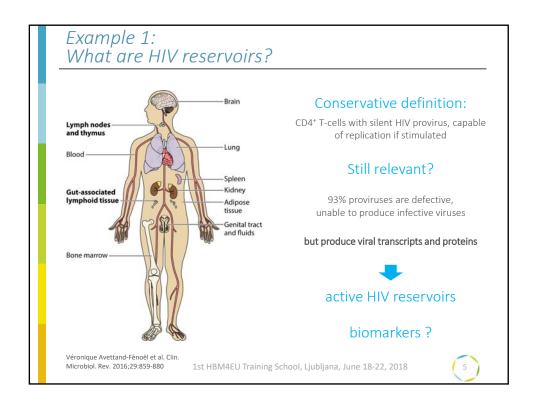
Presentation outline:

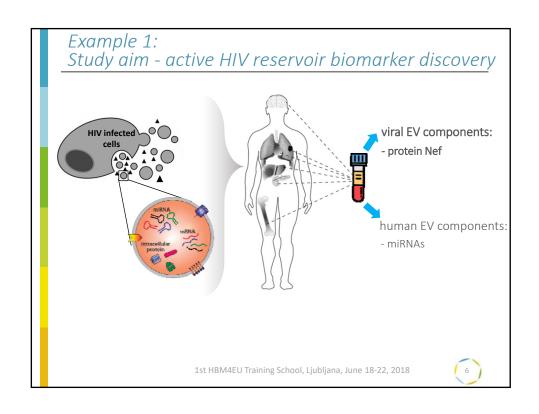
- Example 1: EV proteins as putative biomarkers of active HIV reservoir
- Example 2: EV miRNAs as putative biomarkers of response to treatment of malignant mesothelioma (MM)

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Example 1: Study subjects

- SCOPE cohort at UCSF: included 134 individuals
 - age
 - gender
 - ethnicity
 - blood CD4+ and CD8+ cell counts, CD4+/CD8+ ratio
 - plasma HIV RNA levels
 - ART regimen
- stratified into 4 groups:
 - uninfected (n = 26): HIV -
 - infected and ART-naïve (n = 28): HIV+
 - aviremic infected individuals treated with ART (n = 42): ART
 - aviremic infected elite controllers (n = 38): EC

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