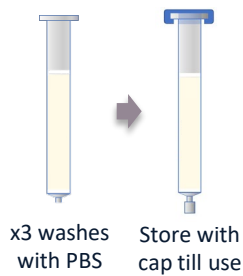
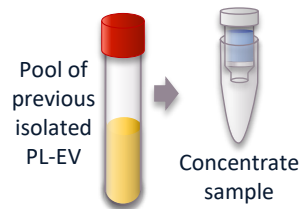


1. Column preparation

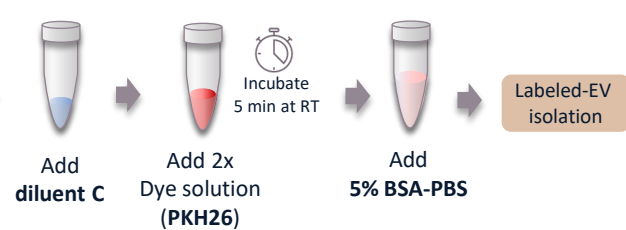


2. EV labeling

1. EV concentration

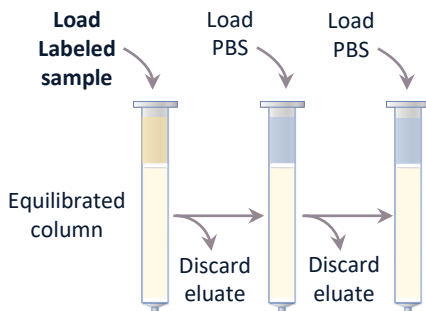


2-7. PKH26 labeling

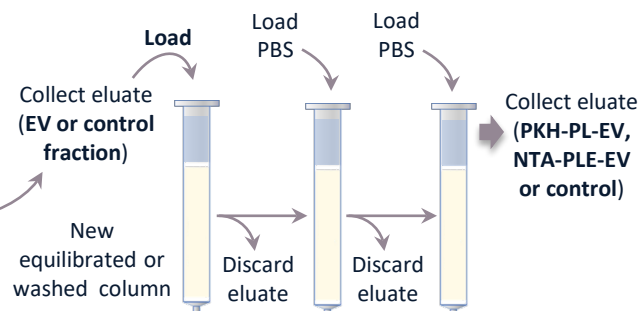


3. Labeled EV isolation

1-3. Removing excess dye

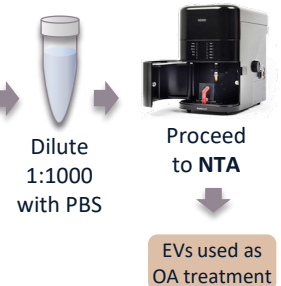


4-8. Purifying labeled-EVs



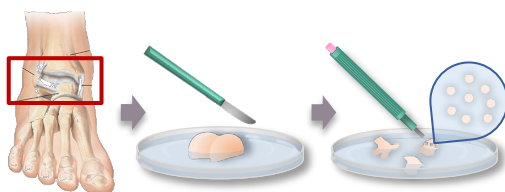
4. EV quantification

1-2. NTA quantification



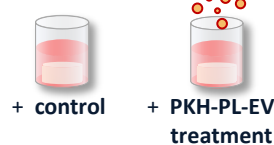
5. EVs used as OA treatment

1-2. Obtaining cartilage explants



3-5. Cartilage explant treatment

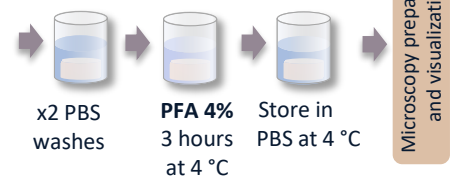
DMEM-F12 + **inflammatory condition**:
10 ng/μL Oncostatin S
2 ng/μL TNFα



6. Cartilage explant fixation

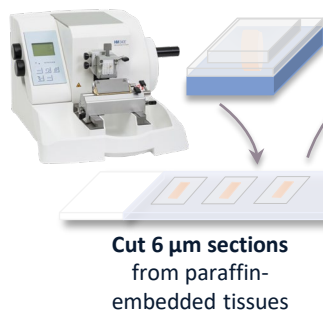
Finish experiment after:

0, 1, 2, 3, 4 and 5 hours

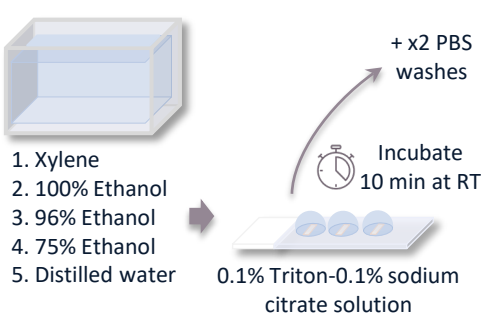


6. Microscopy preparation and visualization

1-2. Paraffin blocks and cutting sections



3-5. Deparaffinize and permeabilize tissue sections



6-9. Confocal microscopy visualization

