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OPEN Author Correction: Extracellular vesicles protect glucuronidase model enzymes during freezedrying

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In Figure 5b, "EV Spike glucuronidase (UV)" should read "EV spike glucuronidase (90° LS)". The correct Figure 5b appears below as Figure. 1.



Figure 1. Analysis of glucuronidase-loaded EVs by asymmetric flow field-flow fractionation (AF4). (**a**) The working principle of AF4 consists of an injection step with a simultaneous sample focussing. Elution from the flow channel combined with a tangential cross-flow allows separation of particles and compounds by size. (**b**) Representative chromatograms of injections of free enzyme (glucuronidase 0.5 mg/mL), unmodified EVs, EVs spiked with glucuronidase (0.05 mg/mL), and EV-glucuronidase loaded samples (freshly purified by SEC). Detection of glucuronidase and EVs was conducted by UV spectroscopy and light scattering at 90° (90° LS), respectively. Smaller enzyme molecules are eluting earlier (~15 min) and larger EVs later (~22 min). Free glucuronidase cannot be LS-detected due to low scattering intensity. (**c**) Glucuronidase-loaded EVs isolated from HUVEC cells were stored for 7 days at 4 °C, -80 °C and lyophilised with 4% (*w*/*v*) trehalose. Their enzymatic activity was assessed after purification by AF4 and normalised to the average activity before storage. For EVs analysis, only the peak centre (*i.e.*, 21–22 min) was collected by AF4 and enzyme activity was measured using fluorescein β -D-glucuronide. Mean \pm SD, n = 3.

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