



Fig. S3. Relative skin recovery of interleukin (IL)-6 in response to different flow rates. IL-6 reference solution (2,400 pg/ml) was injected in skin from 1 donor (D7) and the relative skin recovery of IL-6 was assessed using 3 different flow rates: 0.5, 0.8 and 1.5 µl/ml. Biomarker concentrations in dialysates were determined by enzyme-linked immunoassay (ELISA) and background tissue levels were subtracted before the relative skin recovery was calculated. Depicted are mean of 3 replicate probes for each flow rate (except 0.5 µl/min for which $n=2$) \pm standard deviation and a non-linear regression curve fit with corresponding R^2 .