



**Pathway activation in individual human umbilical vein endothelial cells (HUVECs) as a function of time before and after stimulation with VEGF.** Red vertical line indicates the time point of injection of VEGF. Dots were only connected when the time interval between the corresponding measurements was relatively short. Control cell was not stimulated (blue dots and curves), but just imaged. The observed activation of the control cell is a response to the stress induced by opening the lid of the chamber containing the cells.