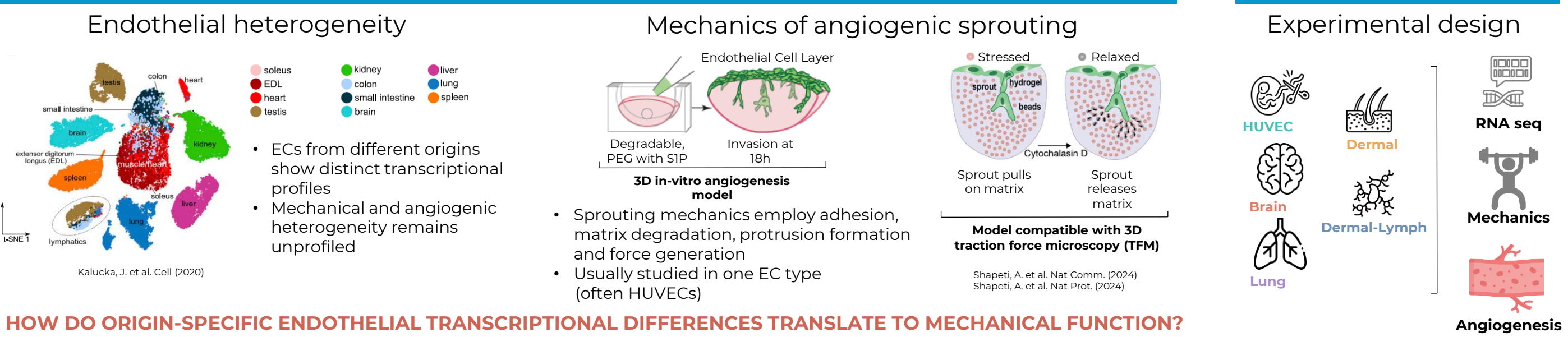
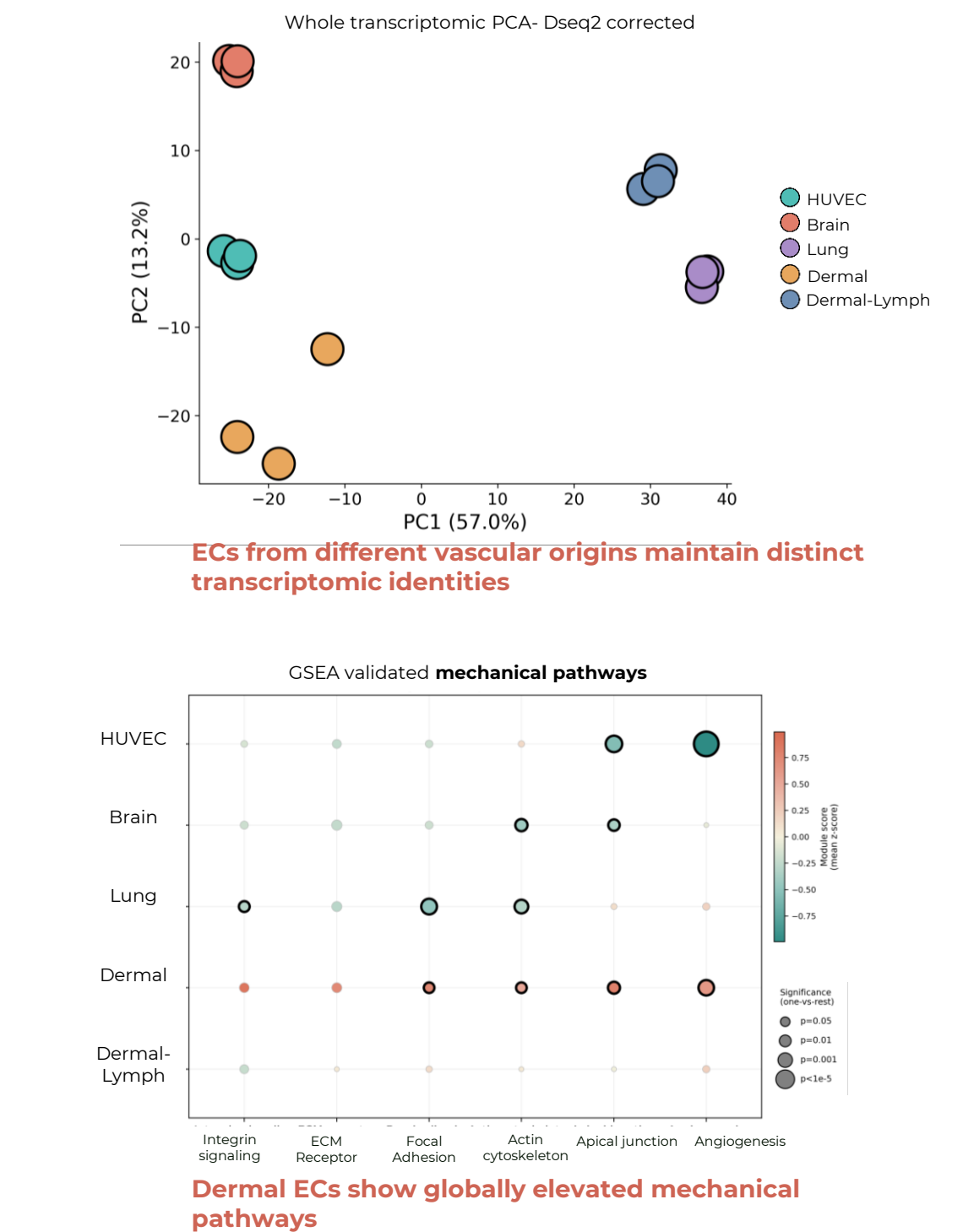


Endothelial cells from distinct vascular beds occupy distinct mechanical states

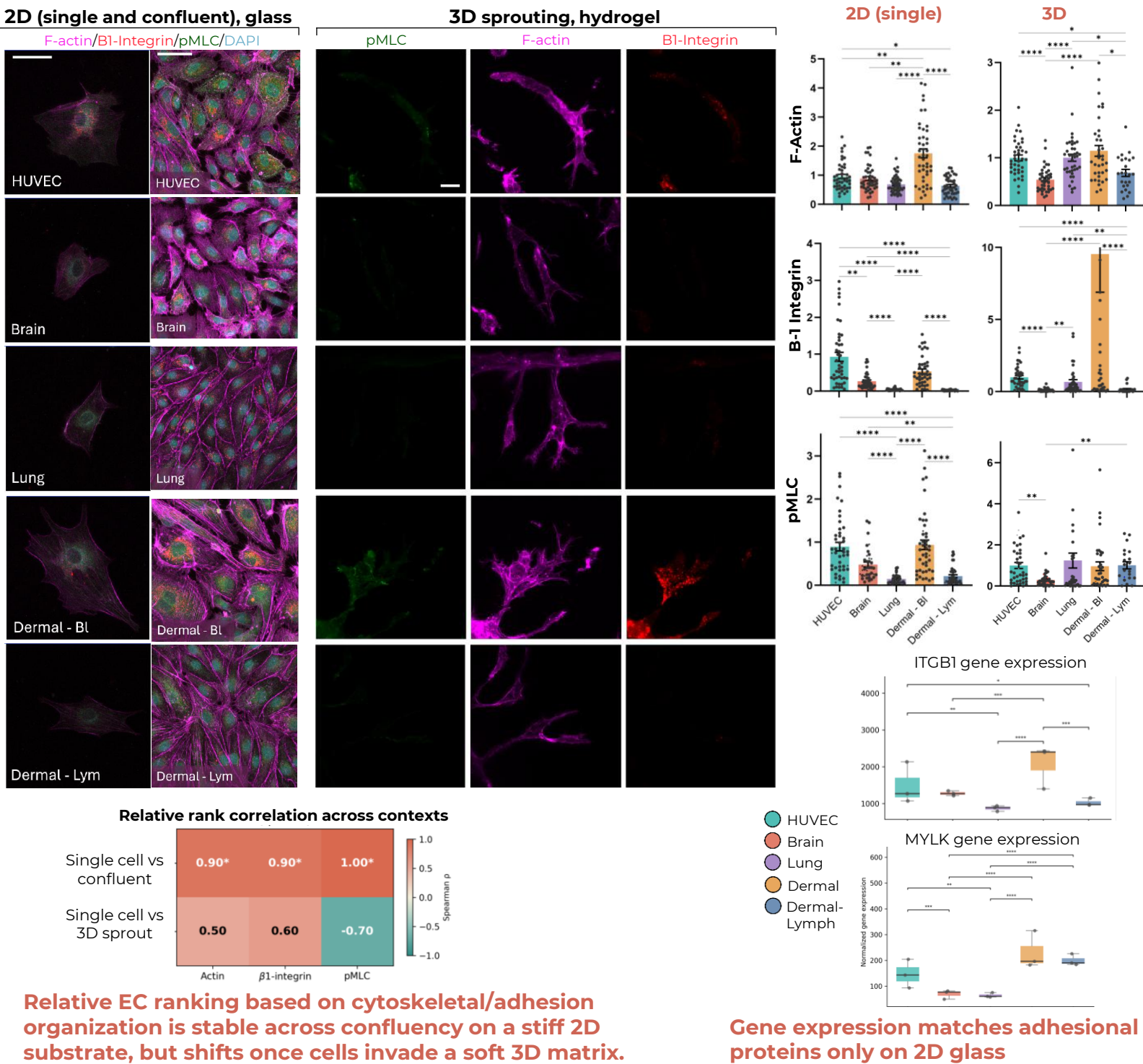
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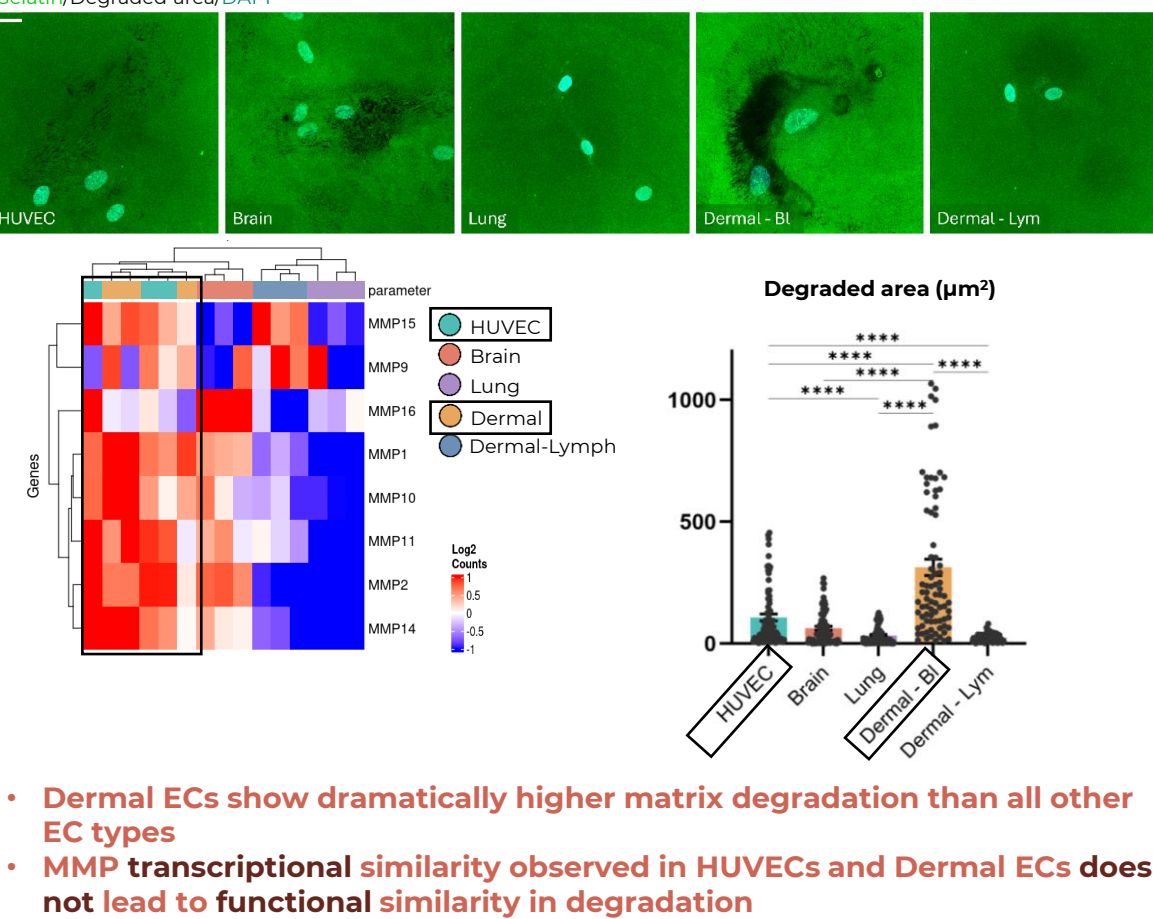
1. EC types are transcriptionally distinct



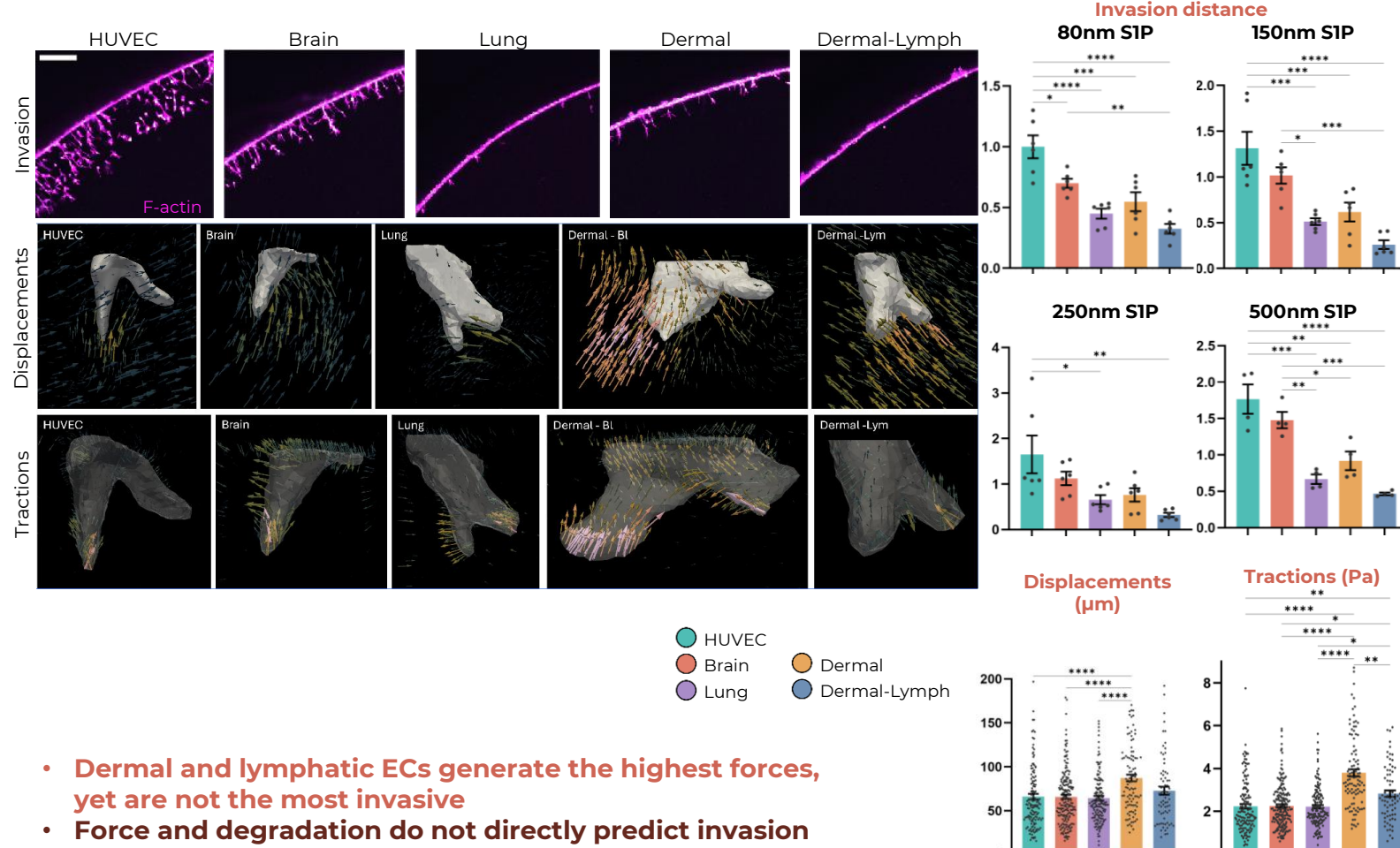
2. Adhesion/cytoskeletal protein regulation differs in stiff-2D vs soft-3D



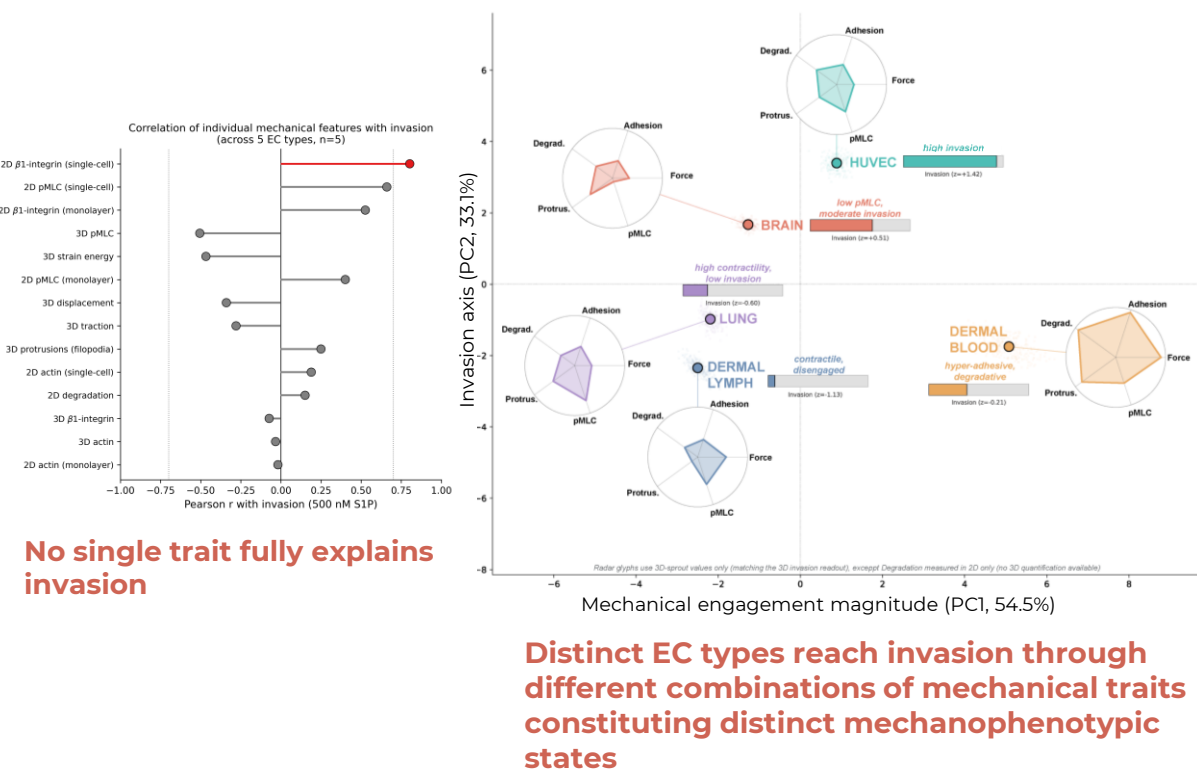
3. Matrix degradation is a defining, EC-type-specific function



4. Force generation does not predict invasive angiogenic phenotype



5. Mechanical traits combine into distinct mechano-phenotypic states



6. Transcriptomic similarity is only weakly tied to mechano-phenotype similarity

