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Quantifying rates of cell migration and cell proliferation in co-culture barrier assays reveals how skin and melanoma cells interact during melanoma spreading and invasion

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Highlights

- Investigate two-dimensional spreading of fibroblast cells and melanoma cells
- Experiments involve both monoculture and several co-culture assays
- Co-culture assays involve varying the initial ratio of fibroblast to melanoma cells
- Calibrating a mathematical model to the data suggests limited interactions or crosstalk

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