

**CMC Biomaterials Initiative**

**Griffith Laboratory**

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## **Biomaterials for studying Cell Migration**

The Griffith laboratory is working closely with the Modeling Initiative to develop engineered substrates to assist in the development and validation of migration models. Below is a list of publications featuring some of the approaches being used;

- Griffith LG. Emerging design principles in biomaterials and scaffolds for tissue engineering. Ann N Y Acad Sci. 2002; 961:83-95. [PubMed](#)
- Koo LY, Irvine DJ, Mayes AM, Lauffenburger DA, Griffith LG. Co-regulation of cell adhesion by nanoscale RGD organization and mechanical stimulus. J Cell Sci. 2002; 115(Pt 7):1423-33. [PubMed](#)
- Lu H, Koo LY, Wang WM, Lauffenburger DA, Griffith LG, Jensen KF. Microfluidic shear devices for quantitative analysis of cell adhesion. Anal Chem. 2004; 76(18):5257-64. [PubMed](#)