**Cation Type Specific Cell Remodeling Regulates Attachment Strength**

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**Supplemental Tables**

**Table S1:** Standard media formulations for each cell type used with Dulbecco’s modified Eagle’s medium (DMEM) are listed. Additional components and concentrations not specifically mentioned here are 4mM L-glutamine, 1mM sodium pyruvate, and 100 U/mL penicillin. The table specifically notes standard cation concentrations in commercially available solutions of DMEM and serum (column 3; [42]) and the range tested (column 4), with specific concentrations indicated in the text.

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| **Cell Type** | **Glucose (g/L)** | **Serum (% v/v)** | **Cation (mM)** | **Cation Range (mM)** |
| NIH 3T3 Fibroblasts (murine) | 4.5 | 10 (Fetal Calf Serum) | Ca+: 1.8 mM  Mg+: 1.0 mM | Ca+: 0–2 mM  Mg+: 0 –1 mM |
| WI38 2RA Fibroblasts (human) | 1.5 | 10 (Fetal Bovine Serum) | Ca+: 1.8 mM  Mg+: 1.0 mM | Ca+: 0–2 mM  Mg+: 0–1 mM |
| HT1080 Fibrosarcoma cells (human) | 4.5 | 10 (Fetal Bovine Serum) | Ca+: 1.8 mM  Mg+: 1.0 mM | Ca+: 0–2 mM  Mg+: 0–1 mM |