

Supplemental Materials

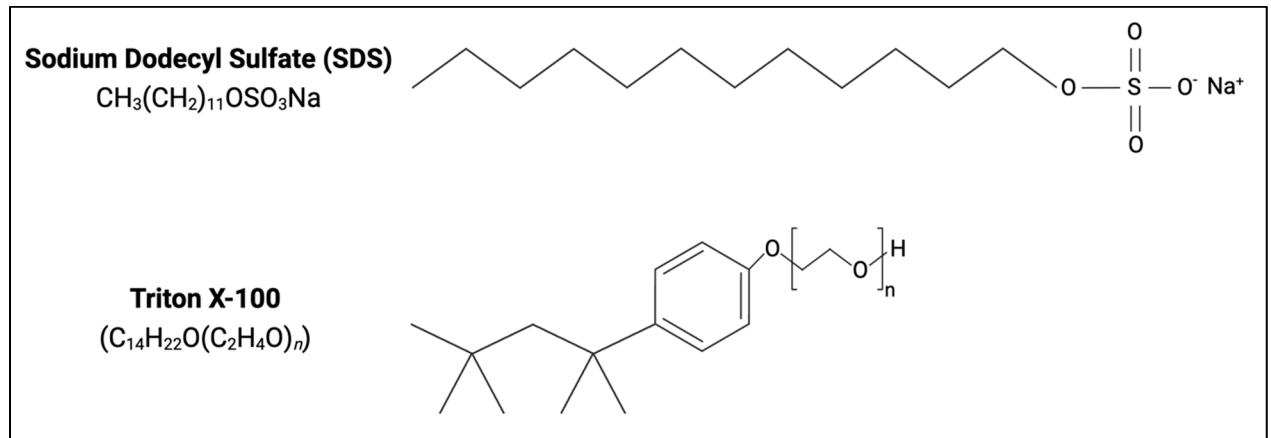


Figure S1 - The chemical formulas and structures of detergents used for decellularization.

Table S1 – List of growth factors included in the growth factor array.

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|-----------------|--|
| AREG | Amphiregulin |
| bFGF | Fibroblast growth factor 2 |
| b-NGF | Beta-nerve growth factor |
| EGF | Pro-epidermal growth factor |
| EGF R | Epidermal growth factor receptor |
| FGF-4 | Fibroblast growth factor 4 |
| FGF-6 | Fibroblast growth factor 6 |
| FGF-7 | Fibroblast growth factor 7 |
| GCSF | Granulocyte colony-stimulating factor |
| GDNF | Glial cell line-derived neurotrophic factor |
| GM-CSF | Granulocyte-macrophage colony-stimulating factor |
| HB-EGF | Proheparin-binding EGF-like growth factor |
| HGF | Hepatocyte growth factor |
| IGFBP-1 | Insulin-like growth factor-binding protein 1 |
| IGFBP-2 | Insulin-like growth factor-binding protein 2 |
| IGFBP-3 | Insulin-like growth factor-binding protein 3 |
| IGFBP-4 | Insulin-like growth factor-binding protein 4 |
| IGFBP-6 | Insulin-like growth factor-binding protein 6 |
| IGF-I | Insulin-like growth factor I |
| IGF-I R | Insulin-like growth factor 1 receptor |
| IGF-II | Insulin-like growth factor II |
| M-CSF | Macrophage colony-stimulating factor 1 |
| M-CSF R | Macrophage colony-stimulating factor 1 receptor |
| NT-3 | Neurotrophin-3 |
| NT-4 | Neurotrophin-4 |
| PDGF R a | Platelet-derived growth factor receptor alpha |
| PDGF R b | Platelet-derived growth factor receptor beta |
| PDGF-AA | Platelet-derived growth factor subunit A |
| PDGF-AB | Platelet-derived growth factor subunit B |
| PDGF-BB | Platelet-derived growth factor subunit B |
| PLGF | Placenta growth factor |
| SCF | Kit ligand |
| SCF R | Mast/stem cell growth factor receptor Kit |

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|----------------|---|
| TGF-a | Protransforming growth factor alpha |
| TGF-b 1 | Transforming growth factor beta-1 proprotein |
| TGF-b 2 | Transforming growth factor beta-2 proprotein |
| TGF-b 3 | Transforming growth factor beta-3 proprotein |
| VEGF | Vascular endothelial growth factor A, long form |
| VEGF R2 | Vascular endothelial growth factor receptor 2 |
| VEGF R3 | Vascular endothelial growth factor receptor 3 |
| VEGF-D | Vascular endothelial growth factor D |