

Supplementary Data

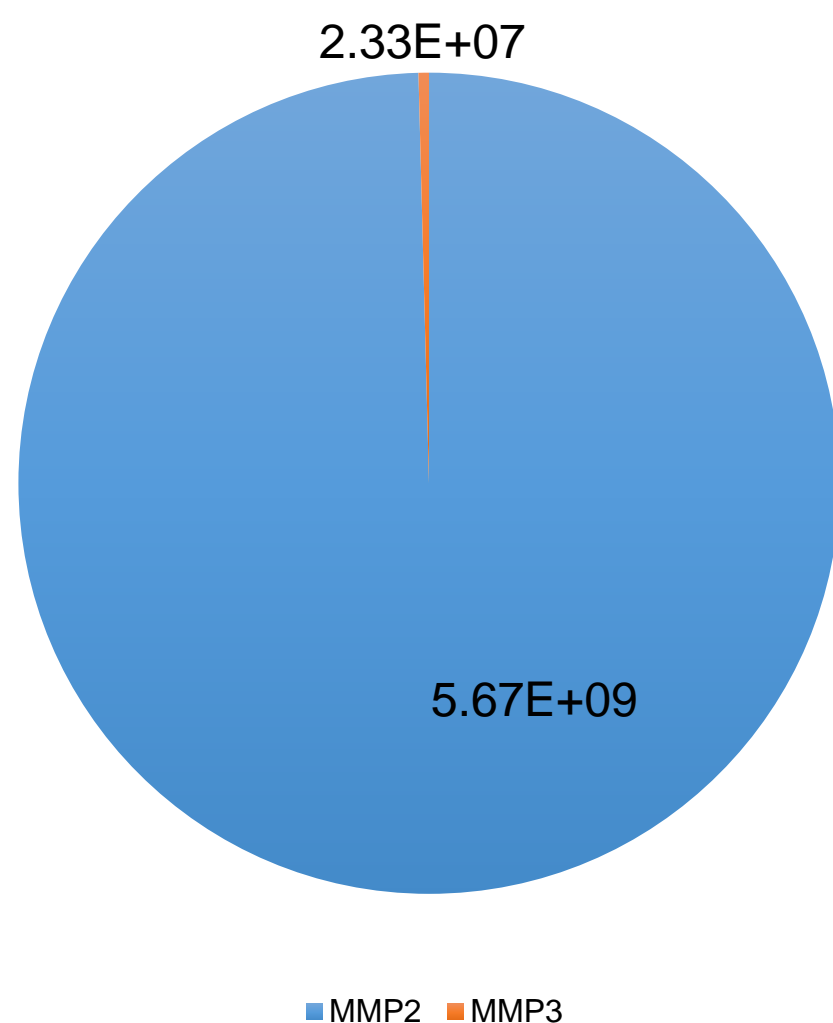
Figure 2

Anti-Fibrotic Proteins			
Identified Proteins	Molecular Weight	Relative Signal Intensity	Function
MMP2	74 kDa	5.67E+09	ECM protein degradation*.
MMP3	54 kDa	2.33E+07	Procollagenase activation; ECM protein degradation: fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans*.

Pro-Angiogenic Proteins			
Identified Proteins	Molecular Weight	Relative Signal Intensity	Function
Basement membrane-specific heparan sulfate proteoglycan core protein	409 kDa	2.76 x 10 ⁸	Attachment substrate for cells; Vascularization; Regulates the vascular response to injury*.
Endoplasmin	92 kDa	1.89 x 10 ⁸	Processing and transport of secreted proteins*.
Angiotensin-related protein 2	57 kDa	1.97 x 10 ⁸	Induces endothelial cell sprouting*.
Cluster of Stromelysin-1/ MMP3	54 kDa	2.33 x 10 ⁷	Procollagenase activation; ECM protein degradation: fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans*.
Angiotensinogen	53 kDa	6.14 x 10 ⁷	Regulates blood pressure, body fluid and electrolyte homeostasis. Essential component of the renin-angiotensin system*.

* Functional Data retrieved and adapted from Uniprot.org database.

Relative Intensities of Antifibrotic Proteins



Relative Intensities of Pro-Angiogenic Proteins

