Blood cells

- PAR’s activation
- Motility/migration
- $O_2^-$
- NO
- Chemotaxis via NFκb activation

- IL-8
- AAT
- Cell activation
- Regulating chemotaxis

- Random migration
- Calpain inhibition
- Modulate chemotaxis
- ADAM-17 inhibition

Muller cells

- TNF-α
- TNF-α receptor 1
- Caspase-3, Caspase-6, Caspase-7
- MMP’s
- MMP-12, MMP-9
- ECM remodeling
- Neovascularization
- TNF-α secretion
- TNF-α self expression genes
- TNFR
- ADAM-17

Microvessel

- MMP’s
- MMP-12, MMP-9

- Calpain inhibition
- Modulate chemotaxis
- ADAM-17 inhibition

Endothelial cells
- pericytes

Polimorphonuclear cells (PMNs)
- Macrophage
- Neutrophil

Blood cells
- Endothelial cells
- Polimorphonuclear cells (PMNs)
- Macrophage
- Neutrophil