



JNK / P-38 / NF κ B / AP-1

- Proinflammatory cytokine
- Complement activation
- Chemokines production
- Free radical production
- Lipid peroxidation
- Glial cell activation

- Proinflammatory cytokine
- Chemokines production
- Complement activation
- Free radical production
- Leukocyte adhesion
- Leukocyte activation

- Proinflammatory cytokine
- Chemokines production
- Complement activation
- Adhesion molecules
- Free radical production
- BBB dysfunction