A Young individuals (T cells)

- Antigenic stimulus
- pLck [upregulated activity]
- TcR/CD28* [downregulated activity]
- pSHP-1 [activity]

- IL-2 production
- Cell proliferation

B Aged individuals (T cells)

- Antigenic stimulus
- pLck [activity]
- TcR/CD28* [downregulated activity]
- pSHP-1 [activity]

- Altered IL-2 production
- Altered cell proliferation (immunosenescence)