Model for the role of TLR-2 on pre-activated T cells in pathogen-induced chronic inflammatory joint diseases

- Inflamed joint
- Activated and memory T cells can pass endothelial barriers
- TLR ligands can activate T cells independent of antigenic specificity
- Release of inflammatory cytokines

- TCR of any specificity
- TLR-2 (1,6)
- TLR ligand (here: Lip-OspA of B. burgdorferi)
- Release of inflammatory cytokines

- Pre-activated T cells and T effector cells (T/TE)