

Th17 Cytokines in Autoimmunity

1. Loss of IL-17RA signalling in mice prevents experimental autoimmune arthritis and induces a Th2 phenotype. *(This thesis)*
2. IL-22 produced by T cells has limited effects in joint inflammation, but IL-22 is essential for B cell immunity. *(This thesis)*
3. IL-27 is essential for B cell immunity through B cell non-intrinsic mechanisms. *(This thesis)*
4. The type I interferon signature and increased expression of IL-17 by CCR6+ T cells are strongly correlated in SLE patients. *(This thesis)*
5. Loss of IL-17RA signalling in SLE prone mice enhances the SLE phenotype and increases HMGB1 levels and anti-HMGB1 titres in the circulation. *(This thesis)*
6. The individual 'true Th17 cell' does not exist, as T cell characteristics and effector functions change constantly. We simply subdivide T cells to be able to describe shifts in T cell profiles within subjects over time.
7. The divide between society and science exists because scientists speak a different language.
8. The field of biophysics teaches us that describing phenomena on the molecular scale with continuous models conceals reality.
9. To understand world inequality we have to understand why some societies are organized in very inefficient and socially undesirable ways. Getting it wrong is mostly not about ignorance or culture. Poor countries are poor because those who have power make choices that create poverty. *(Daron Acemoglu & James A. Robinson, 'Why nations fail')*
10. The role of women in the early history of Europe is underestimated. *"Great lords, with their predilection for hunting, feuding and fighting, were much given to dying before their heirs had come of age. Indeed, at one point, back in 985, there had been so many women in Christendom ruling on behalf of under-age wards that they had all met up at a summit, to swap dynastic gossip and formulate wedding plans for their charges."* *(Tom Holland, 'Millennium')*
11. The English are too polite to be honest; the Dutch are too honest to be polite.