Inflammation and Hypercoagulability in Antineutrophil Cytoplasmic Antibody associated Vasculitis

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Propositions belonging to the thesis

Inflammation and Hypercoagulability in Antineutrophil Cytoplasmic Antibody associated Vasculitis - Lessons learned from COVID-19

- 1. A dysregulated immune system, i.e., complement overactivation, is an important driver of the intrinsic coagulation pathway in COVID-19 (this thesis).
- 2. Hypercoagulability in COVID-19 is associated with adverse clinical outcomes in patients with severe COVID-19 (this thesis).
- 3. Complement 5a inhibition is safe and effective in preventing a severe course of disease in COVID-19 (this thesis).
- 4. Resolving mediators of inflammation (i.e., Annexin A1) are novel promising targets in infectious and auto-immune diseases (this thesis).
- A key lesson from COVID-19 is that infectious diseases offer valuable insights into the intricate relationship between the immune and coagulation systems. These insights can enhance our understanding of various other diseases (this thesis).
- With striking homology to COVID-19, hypercoagulability is associated with activation of the intrinsic coagulation pathway and most likely driven by a dysregulated immune response in AAV (this thesis).
- 7. Inhibitors of the intrinsic coagulation pathway or C5a inhibition are potentially therapeutic targets to reduce the risk of (micro)thrombotic events in AAV (this thesis).
- 8. SARS-CoV-2 is the trigger but hyperinflammation is the bullet in severe COVID-19.
- 9. The pandemic forced human mankind for a short moment in time to collectively share a common interest across the globe.
- 10. Never let a good crisis go to waste (Winston Churchill).