

Propositions belonging to the thesis

Exploring Pharmacodynamics of Immunosuppressive Agents in Transplantation

1. Analysis of MAPKinase activation in T cells of transplant recipients is suitable for measuring the immunosuppressive activity of tacrolimus (this thesis).
2. The calcineurin inhibitor tacrolimus not only inhibits the MAPKinase activation pathway but also suppresses NF- κ B activation in human T cells (this thesis).
3. The wording "calcineurin inhibitor" for tacrolimus is too restrictive to justify all its immunosuppressive effects (this thesis).
4. The *ABCB1* 3435C>T single nucleotide gene polymorphism enhances the pharmacodynamic effect of tacrolimus (this thesis).
5. Phosphospecific flow cytometry is a practical tool for routine monitoring of the biological effects of tofacitinib in transplant recipients (this thesis).
6. Including pharmacists in the multi-disciplinary transplant teams optimizes patient, allograft and pharmacoeconomic outcomes.
7. A life full of unfulfilled wishes is complete (Sökō Morinaga 1925-95).
8. The joy of discovery is certainly the liveliest that the mind of man can ever feel (Claude Bernard 1813-78).
9. Those who have an excessive faith in their theories or in their ideas are not only poorly disposed to make discoveries, but they also make very poor observations (Claude Bernard).
10. To accelerate the completion of their thesis PhD students should strive to parenthood.
11. Only he who takes his time, also has it.