Propositions of This Dissertation

Platelet-associated hypercoagulability in patients with Essential Thrombocythemia and Polycythemia Vera

1. Patients with Essential Thrombocythemia and Polycythemia Vera demonstrate a platelet-dependent form of hypercoagulability, particularly those positive for JAK2V617F mutation. (this thesis)

2. The quantity of immature platelets is linked to the presence of JAK2V617F mutation and may contribute to the prothrombotic phenotype in these patients. (this thesis)

3. Hydroxyurea treatment is associated with lower immature platelets and lower thrombin generation, particularly in patients positive for JAK2V617F mutation and may explain the favorable effect of this therapy on patients’ thrombotic risk. (this thesis)

4. ADP receptor-inhibitors in addition to aspirin might provide better prevention of thrombosis in patients presenting with increased ADP-induced platelet aggregation and thrombin generation. (this thesis)

5. Thrombosis is a significant cause of morbidity and mortality in cancer patients.


7. In recent years, platelets have displayed powers no one imagined they had. (Leslie M., Science, 2010)

8. Discovery is seeing what everybody else has seen, and thinking what nobody else has thought. (Albert Szent-Györgyi)

9. How wonderful it is that nobody need wait a single moment before starting to improve the world. (Anne Frank)

10. Every portrait that is painted with feeling is a portrait of the artist, not of the sitter. (Oscar Wilde)

11. The Universe is making music all the time. (Tom Waits)

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