Hemostasis Puzzle
Bill Wightkin, PharmD, MS

Across
4. Endothelial secretion that stimulates antithrombin
7. Substance that bridges platelet GP IIb/IIIa receptors
9. Effect of thromboxane A2 on blood vessel
11. Coagulation phase that generates thrombin burst
17. Effect of thrombin on platelet function
18. COX enzyme type inside the platelet
19. Platelet dense granule vasoconstrictor
20. Activated factor produced by intrinsic tenase complex
21. Endothelial secreted inhibitor of platelet aggregation

Down
1. Platelet aggregator that acts through P2Y12 receptors
2. Generates factor Va
3. Needed for platelet IB receptor to bind to collagen (abbrev.)
5. Dissolves fibrin
6. Binds with thrombin to generate an anticoagulant
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Down

8. Endothelial secretion that results in plasmin formation
10. Clotting factor that crosslinks fibrin
12. Inactivates factors IIa, IXa and Xa
13. Effect of endothelial secreted nitric oxide on platelet aggregation
14. Subendothelial initiator of extrinsic coagulation pathway
15. Activated clotting factor inactivated by Protein C
16. Chemical group added by liver to clotting factor precursors to produce factors II, VII, IX and X.