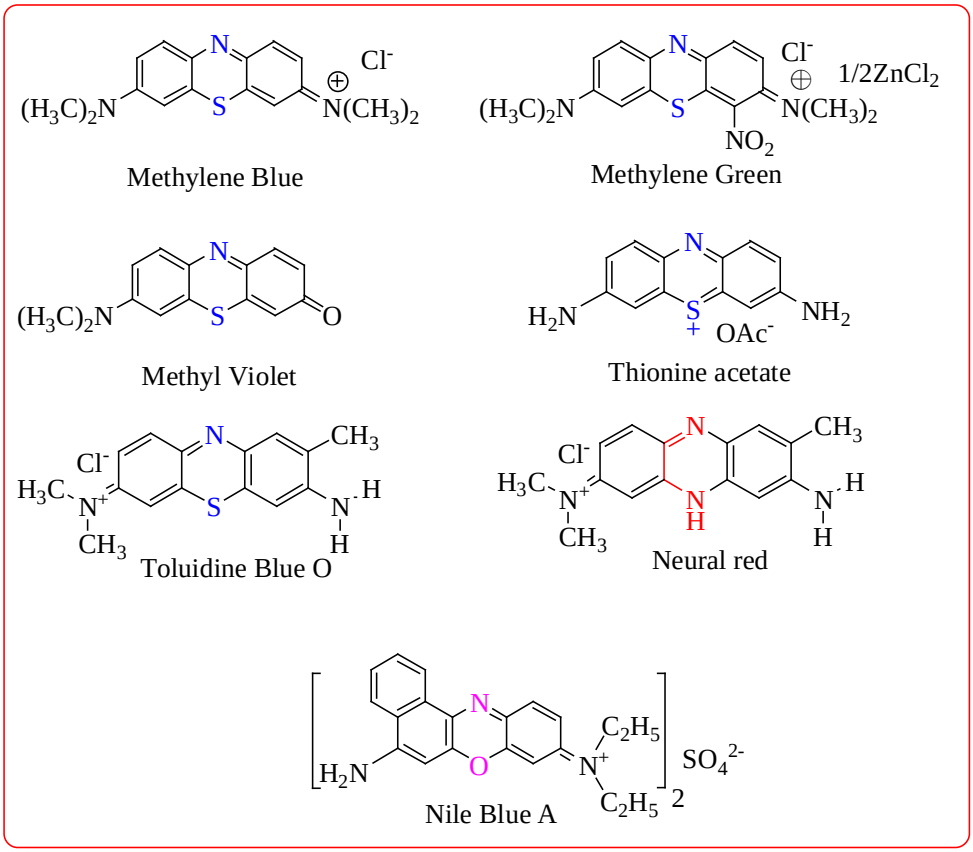
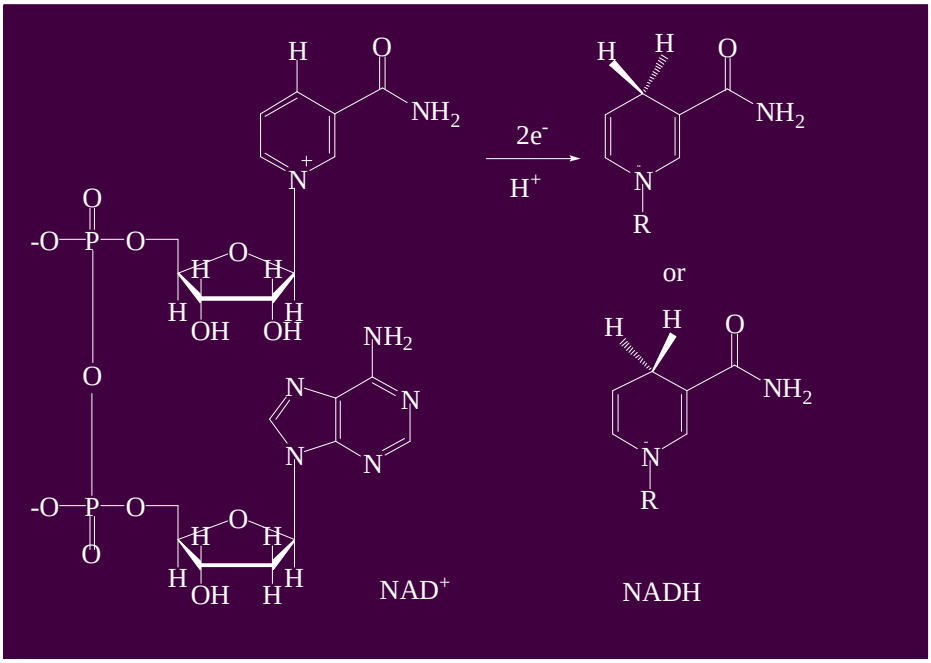
Biochemically Sensitive Circuits Based on Artificial Flavins: Preparations And Atomic Force Microscopic Analysis

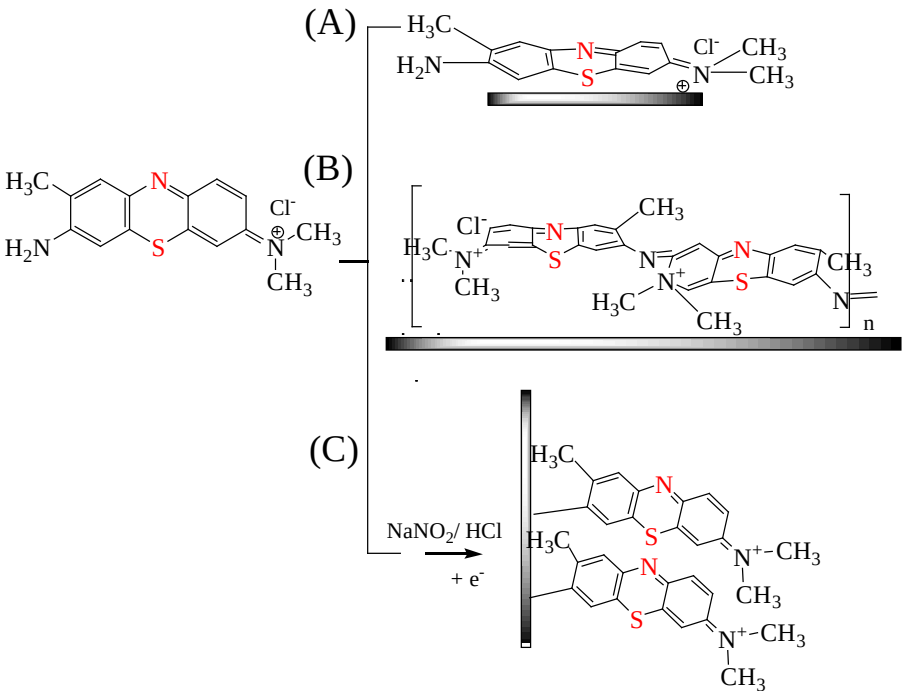
[I] Artificial Flavins



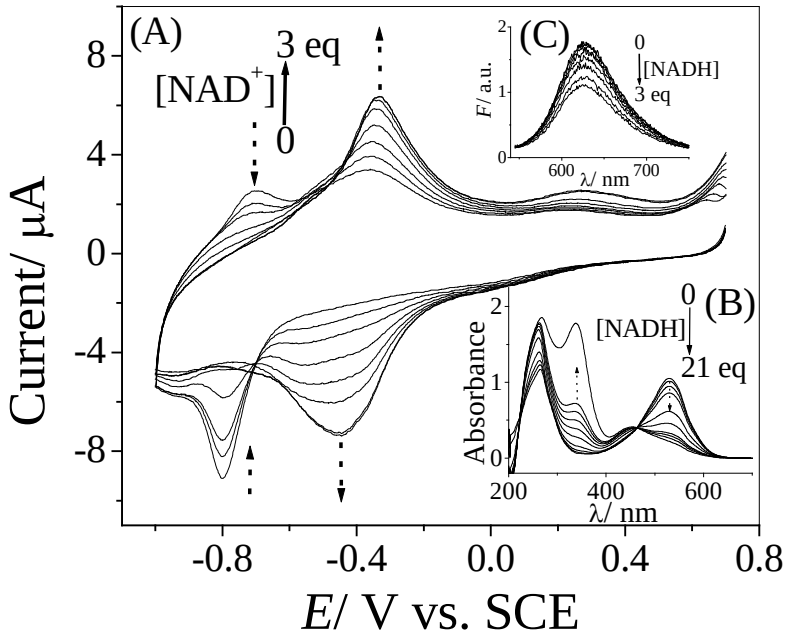
[II] Electrochemical Transduction for NAD^+ and NADH



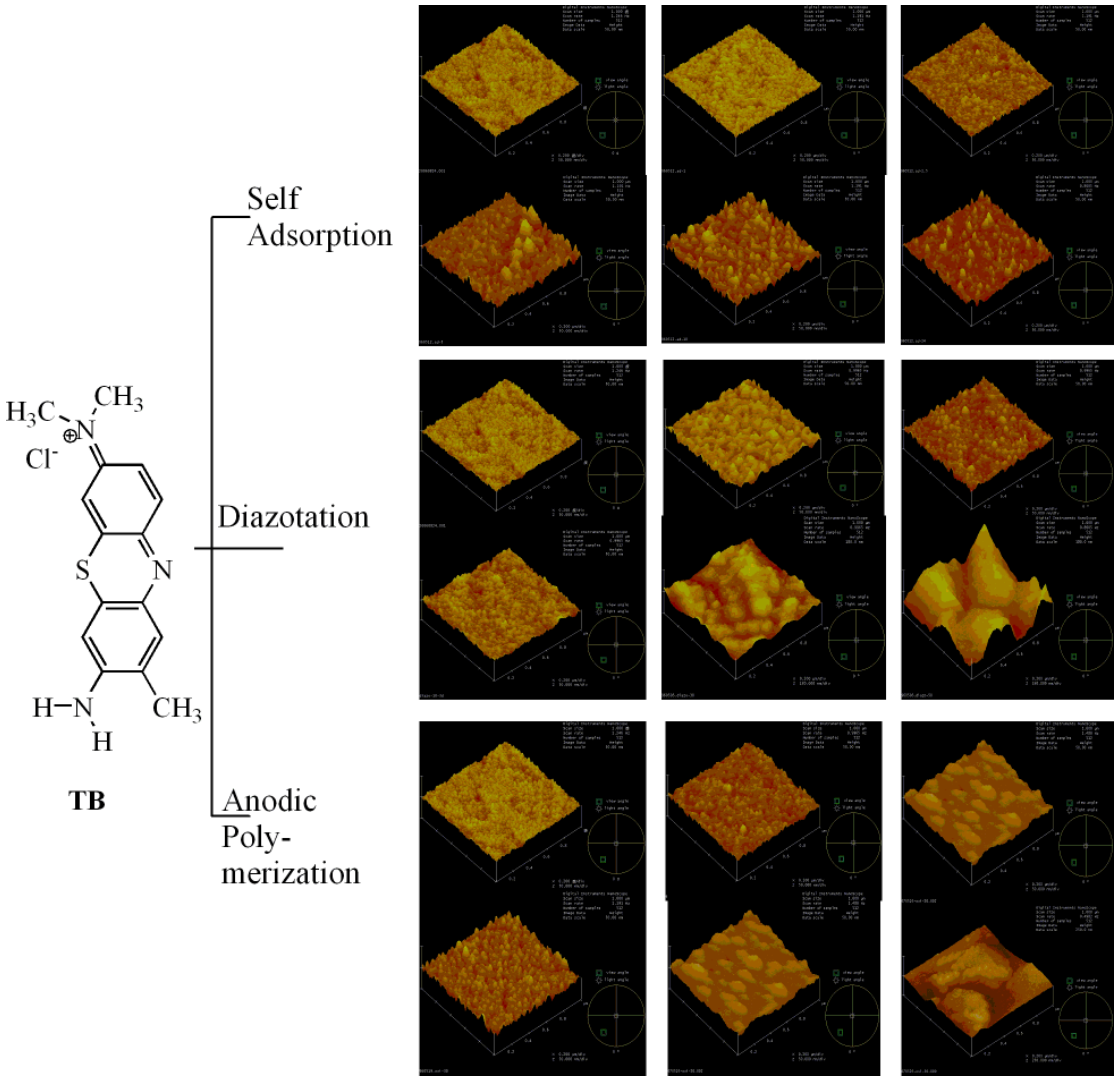
[III] Electrode Modifications



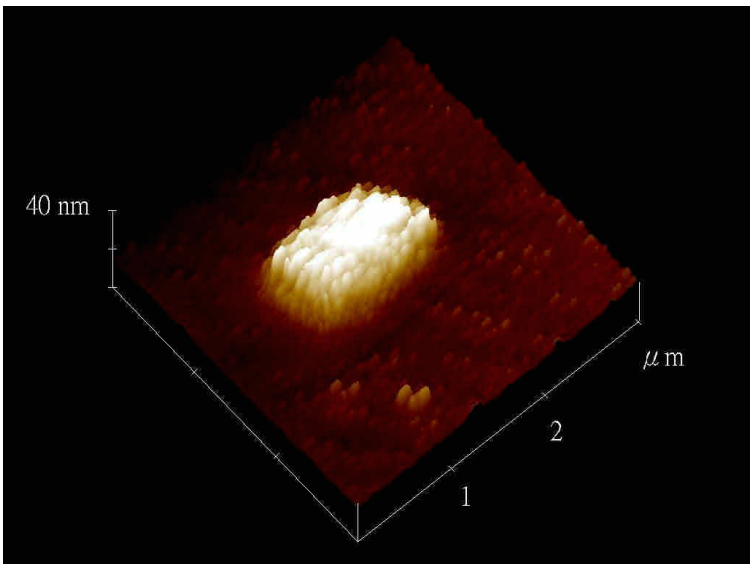
[IV] Affinities to NADH and NAD^+

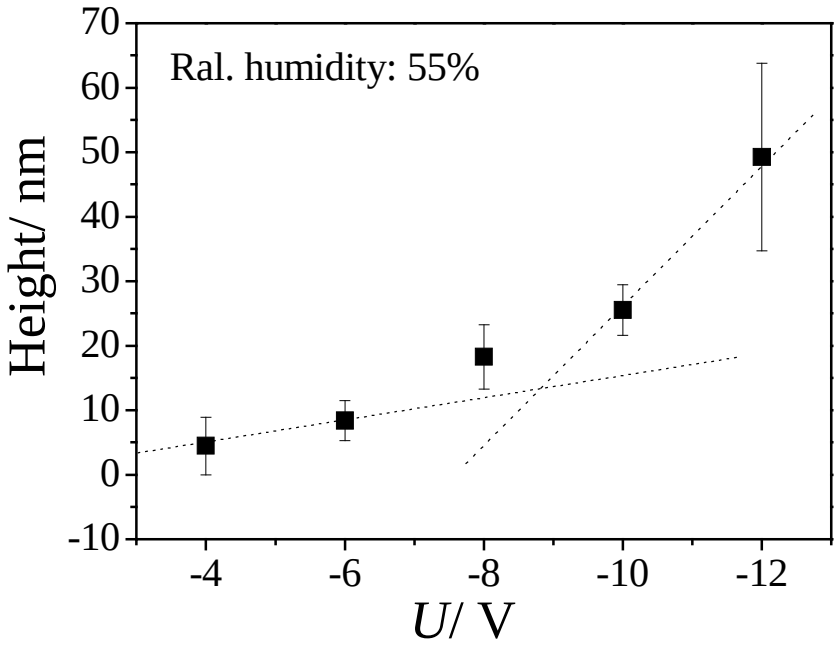


[V] AFM Images

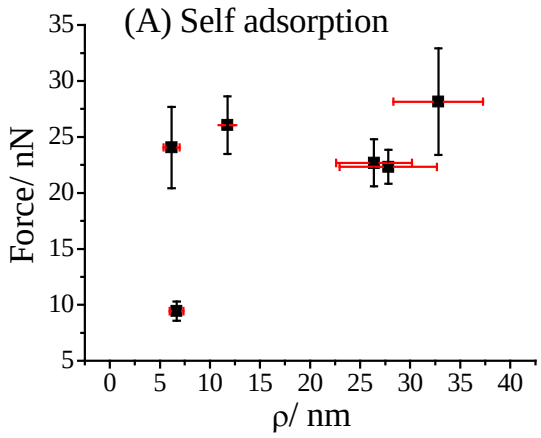


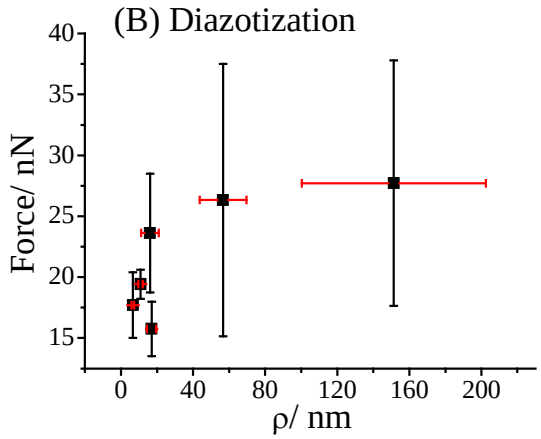
[VI] Formation of Microcircuits Based on AFM-Induced Field-Effect Anodic Oxidation (ALO)

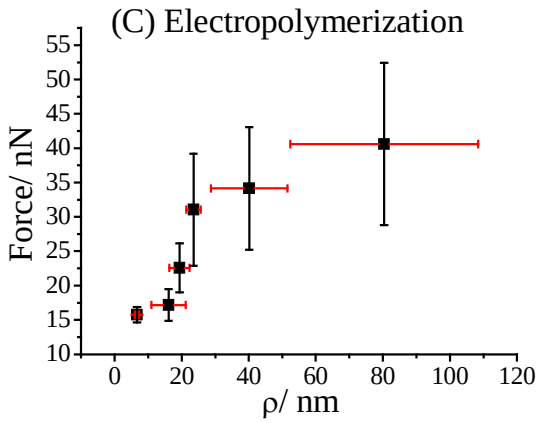




[VII] Adhesion Measurements







[VIII] Eelctrochemical Pen Lithography and Lift-off Experiments