

Supporting Information

Fe-Oxy Adducts of Heme-A β and Heme-hIAPP Complexes: Intermediates in

ROS Generation

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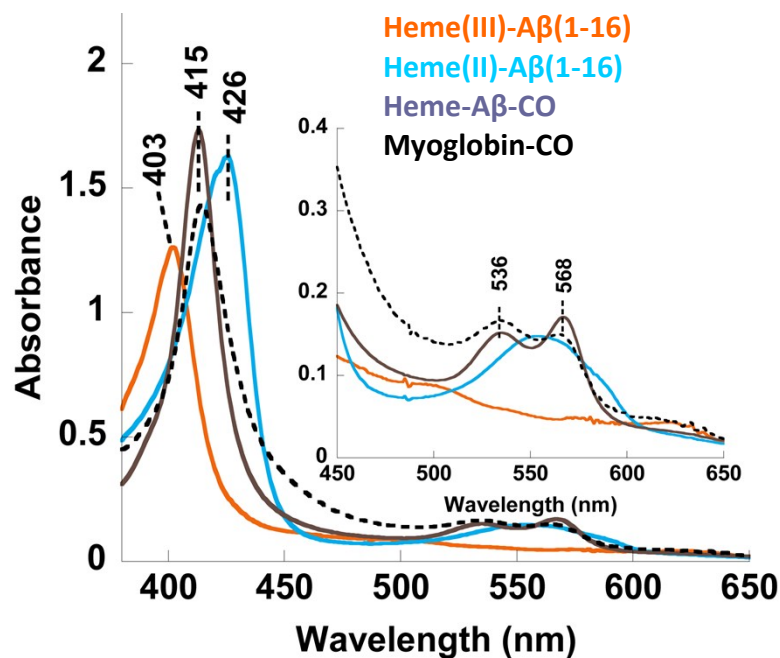


Figure S1. Absorption spectra of oxidized, reduced and CO complex of heme-A β (1-16) in DMF and the CO complex of Myoglobin in DMF.

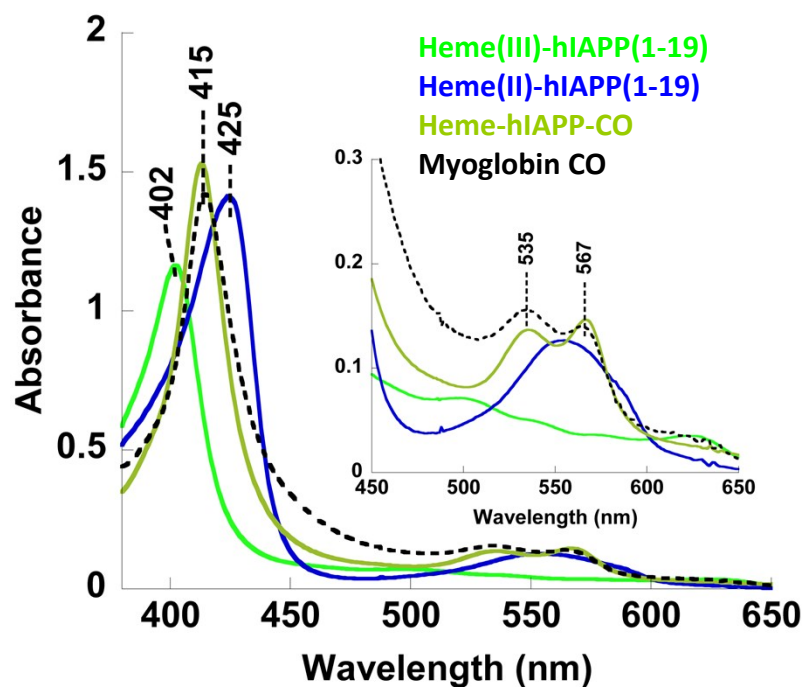


Figure S2. Absorption spectra of oxidized, reduced and CO complex of heme-hIAPP(1-19) in DMF and the CO complex of Myoglobin in DMF.

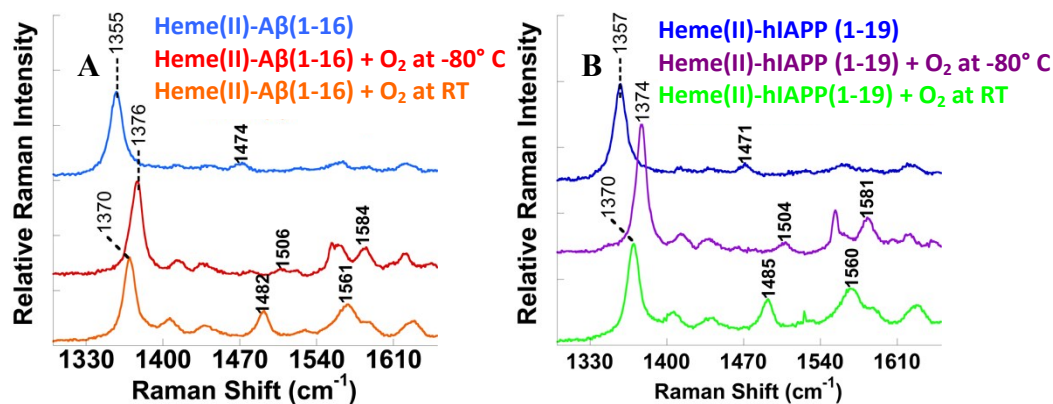


Figure S3. (A) High frequency rR spectra of reduced heme-Aβ(1-16), blue and reduced heme-Aβ(1-16) in presence of O₂ at room temperature and low temperature, (A) High frequency rR spectra of reduced heme-hIAPP(1-19), blue and reduced heme-hIAPP(1-19) in presence of O₂ at room temperature and low temperature.

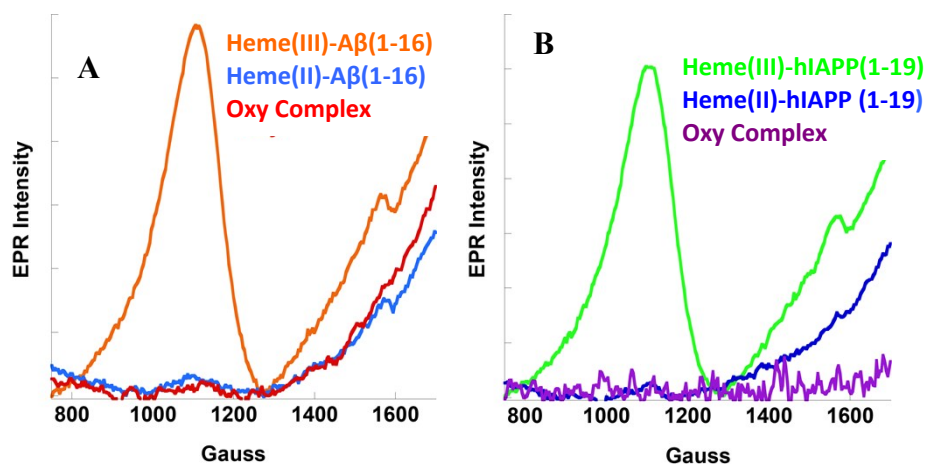


Figure S4. EPR spectra of oxidized, reduced and oxy complexes of (A) heme-Aβ(1-16) and (B) heme-hIAPP(1-19) at 77K.