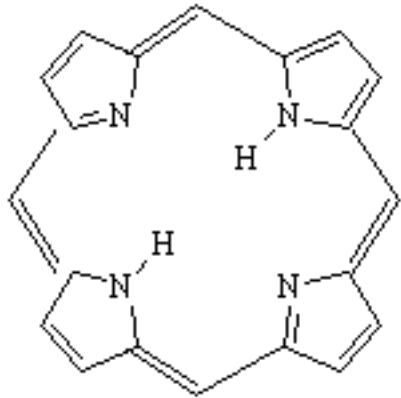


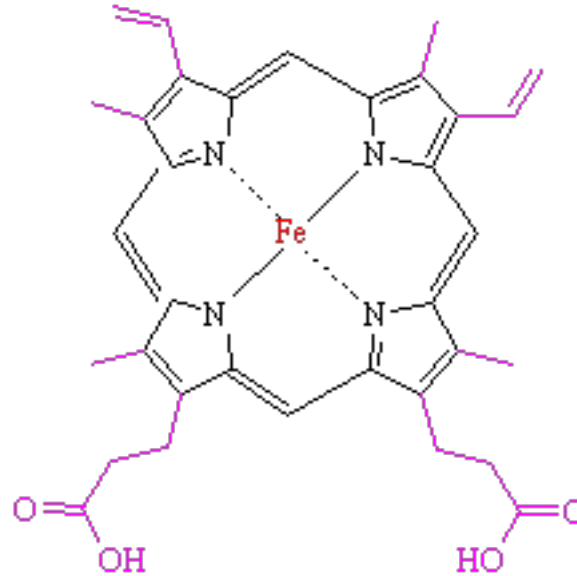
Ruth Erica Benesh (1925-2000)

Jewish woman and chemist that escaped Nazi Germany in 1939 and went on to make significant contributions in our understanding of respiration

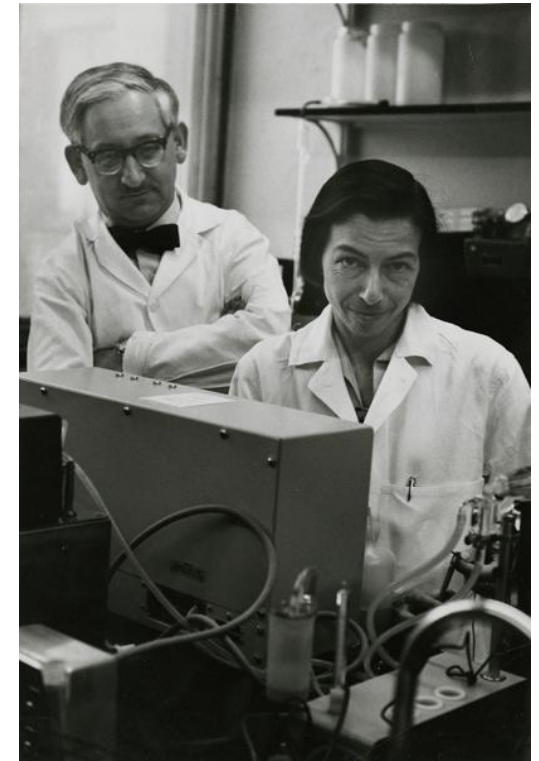
Ruth Benesh together with her husband, Reinhold Benesh, discovered how hemoglobin cells sense when to pick up oxygen



Porphin- the building block of Heme



The part of hemoglobin that carries the Oxygen through our body



<https://www.chemheritage.org/historical-profile/reinhold-benesch-and-ruth-erica-benesch>, accessed 311016

<http://www.chm.bris.ac.uk/motm/hemoglobin/hemoglobh.htm>, accessed 311016