



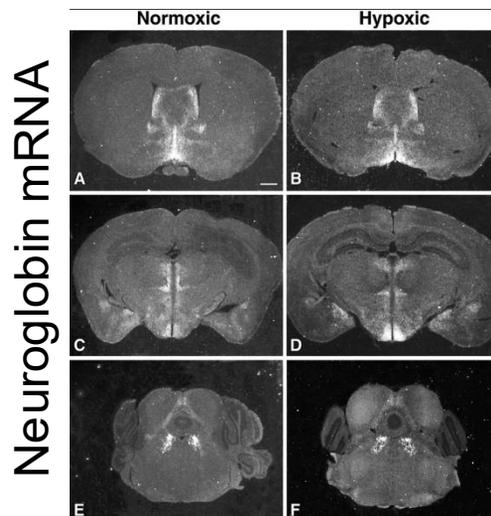
Cytoglobin and Neuroglobin

The Anatomist point of view

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The globin family of proteins consists of approximately 35 members; they most likely evolved to deal with the increasing levels of atmospheric oxygen. Haemoglobin and myoglobin are involved in oxygen transport (respiratory globins), whereas the endogenous function for Cygb and Ngb remain unclear. Due to their location in the brain (Ngb is restricted to the brain and retina), they have been regarded as being brain specific respiratory globins and serving a neuroprotective effect. Our anatomical studies have shown that these globins are expressed in arousal-promoting nuclei such as LDTg, PPTg, and LH, suggesting a potential role in sleep-wake regulation and circadian rhythm control.



Friday, November 28th – 11.00 – 12.00
Zoophysiology seminar room (1130)