

Apnea of Prematurity induces molecular, cellular, and vascular alterations in the murine cerebellum: focusing on angiogenesis

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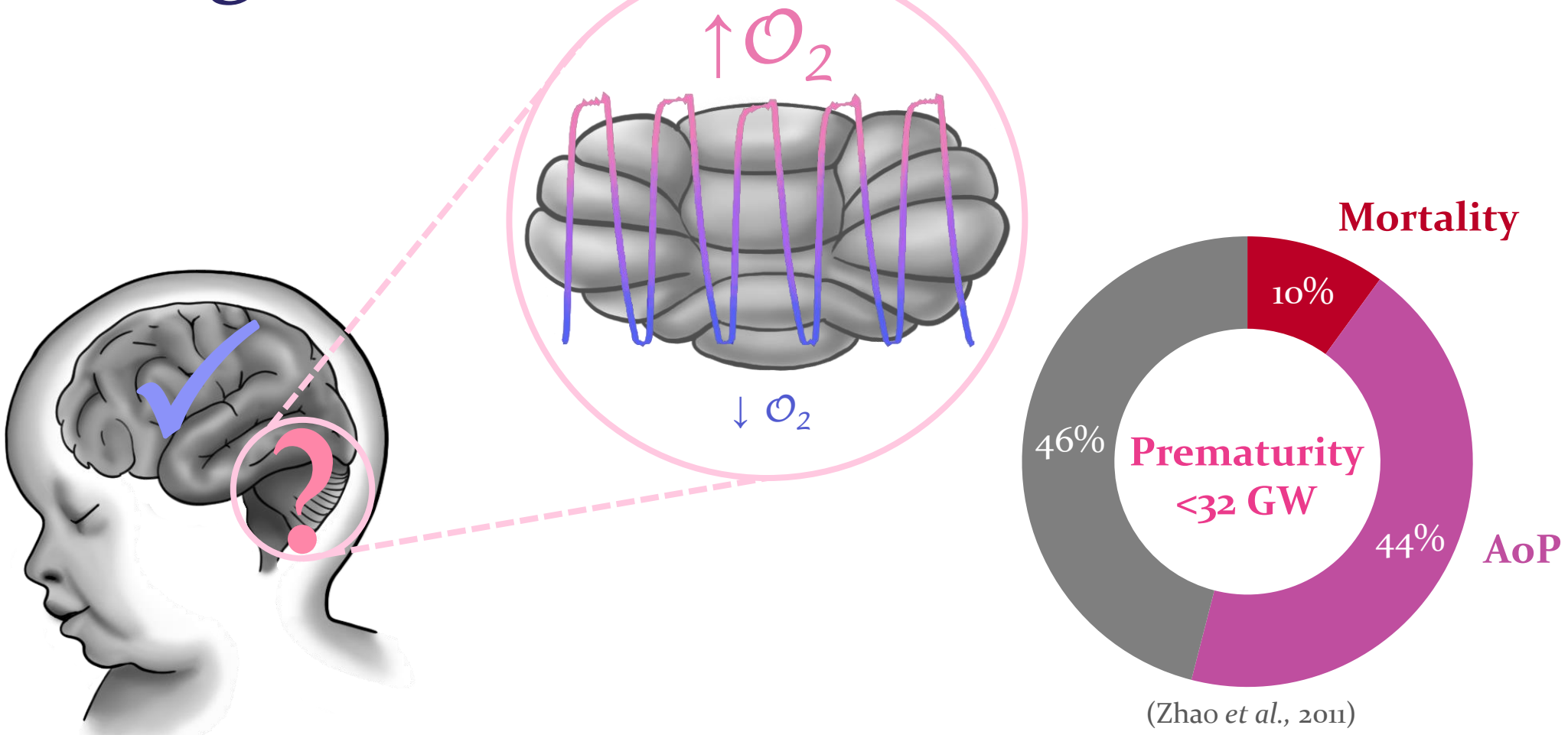
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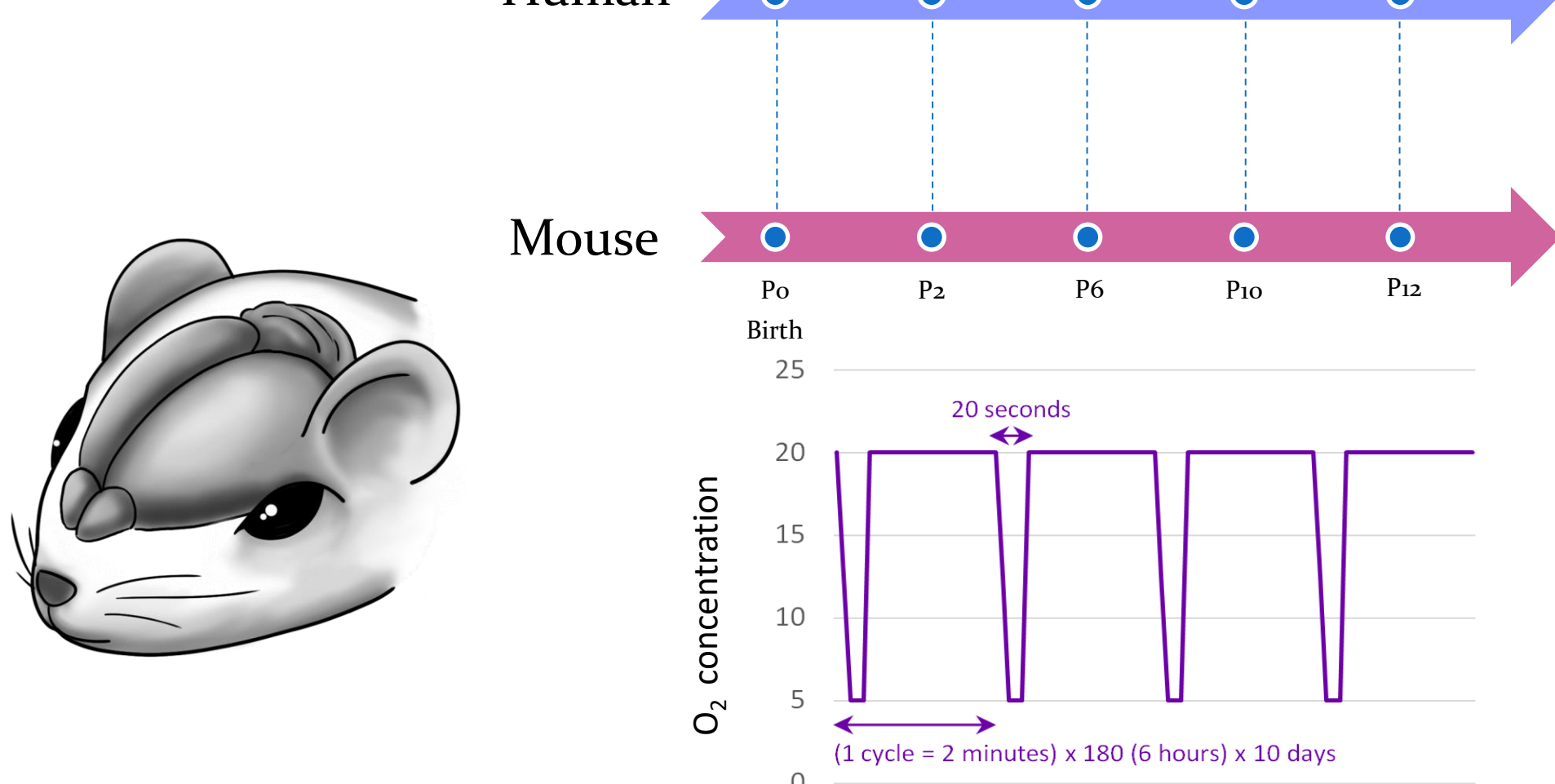
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Introduction: Apnea of Prematurity affects the cerebellum

Background



Methods



Objectives

This work aims at shedding light on the mechanisms underlying cerebellar hypoxic injury after Apnea of Prematurity (AoP).

We expect to correlate transcriptomic findings on angiogenesis-associated genes with immunohistochemical and transpatisation studies to observe the repercussions of these changes on cerebellar development.

Results: the cerebellum at P8 is particularly vulnerable to AoP

Angiogenesis Pathway

