CIBIO EXTERNAL seminar

14 MARCH AT 2:30 P.M.
ROOM A 102 | POVO 1

RETINAL REGENERATION: THE *XENOPUS* AND THE MOUSE PERSPECTIVES

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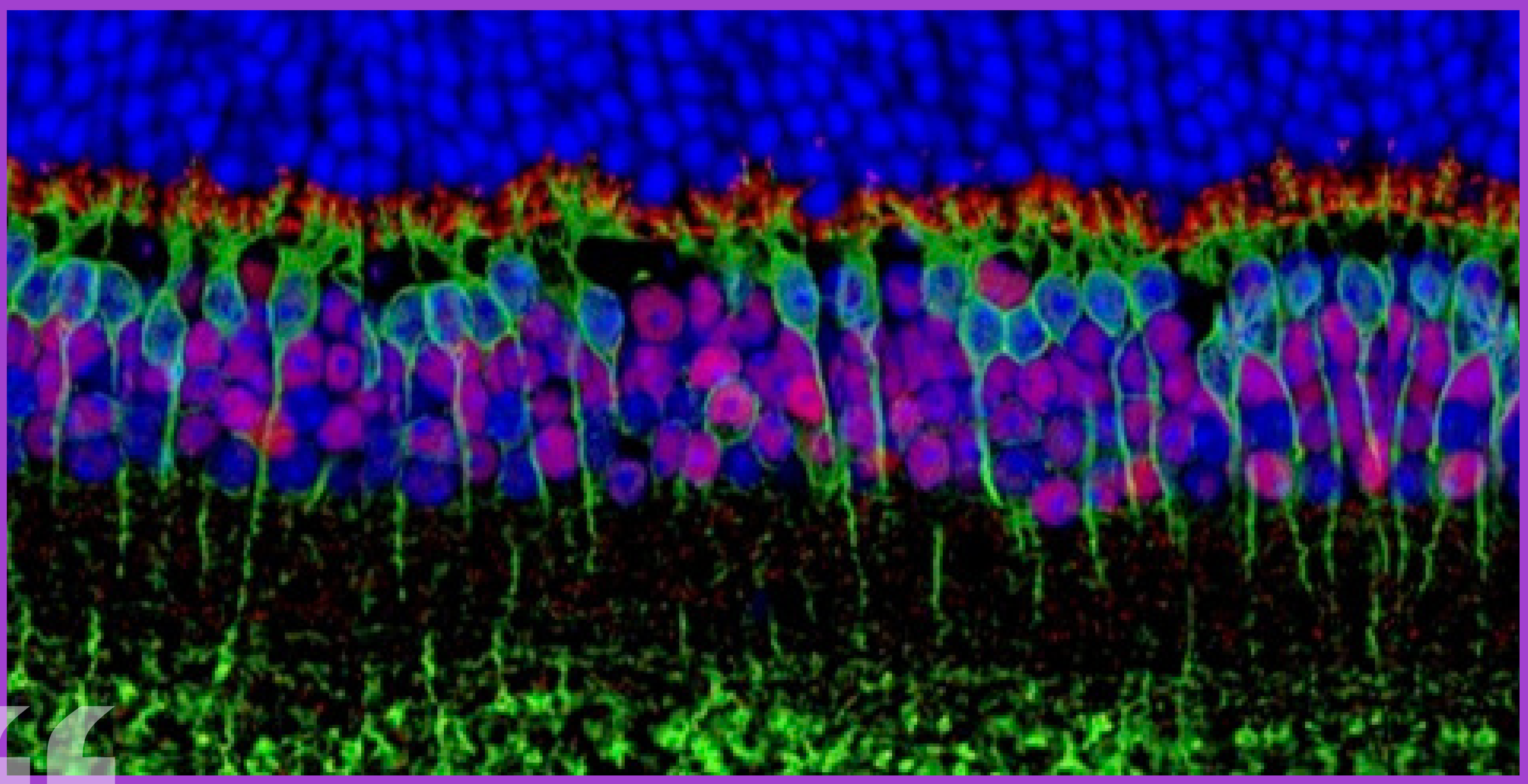

My lab is interested in a complex and intriguing issue in neurobiology, namely the tremendous variability of neural tissue regeneration efficiency among vertebrates. Regarding the retina, mammalian Müller glial cells possess remnants of stemness but are unable to sustain retinal regeneration, contrasting with their teleost or amphibian counterparts. We are studying the molecular mechanisms that underlie such divergent regenerative properties, taking advantage of both Xenopus and mouse models. In my talk, I will highlight the pivotal role of the Hippo/Yap pathway in this process, and present our ongoing work on the intricate interplay between inflammatory signaling and retinal regeneration.

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