



Christina Endara-Arnold

David, Helen and Marian Woodward Award
Ph.D. Candidate, Neuroscience
First Year ARCS Scholar

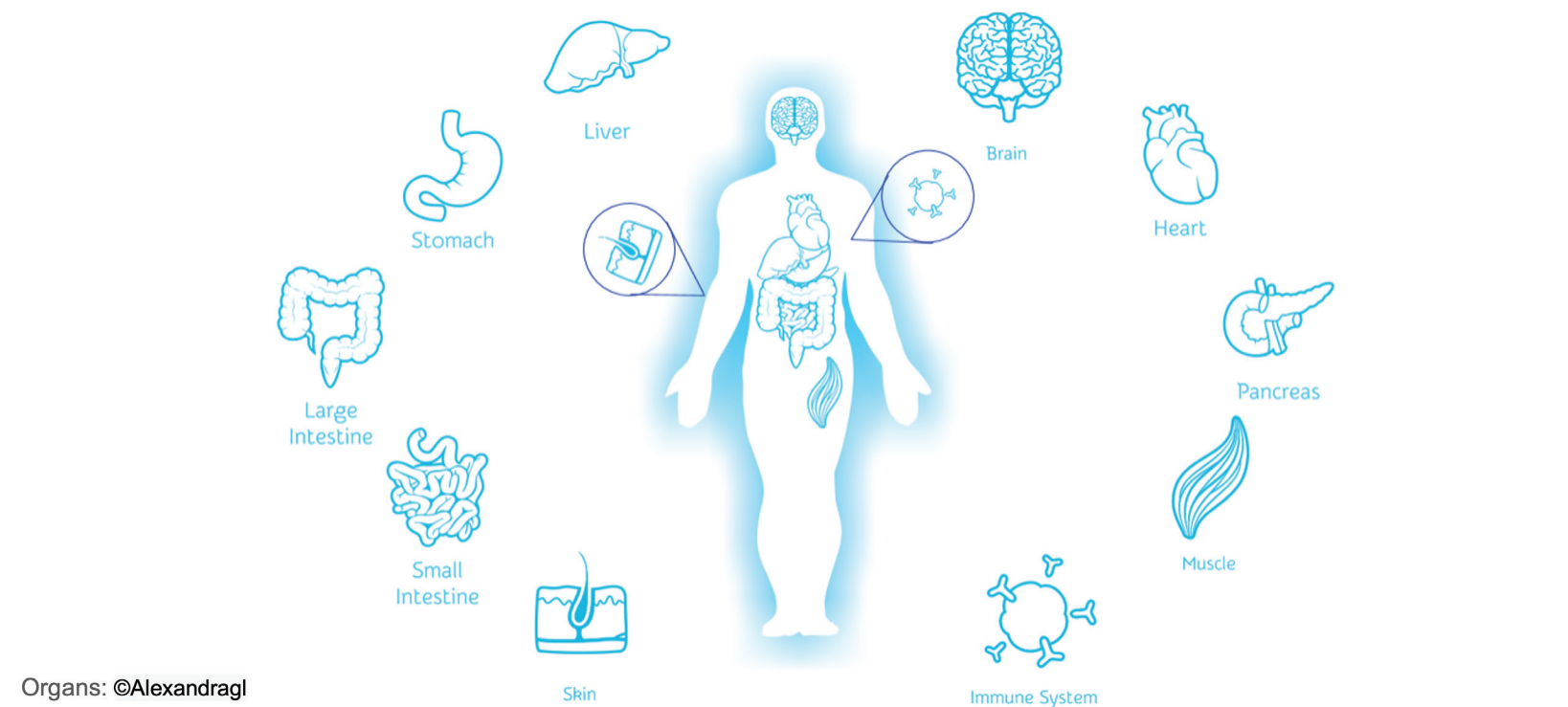


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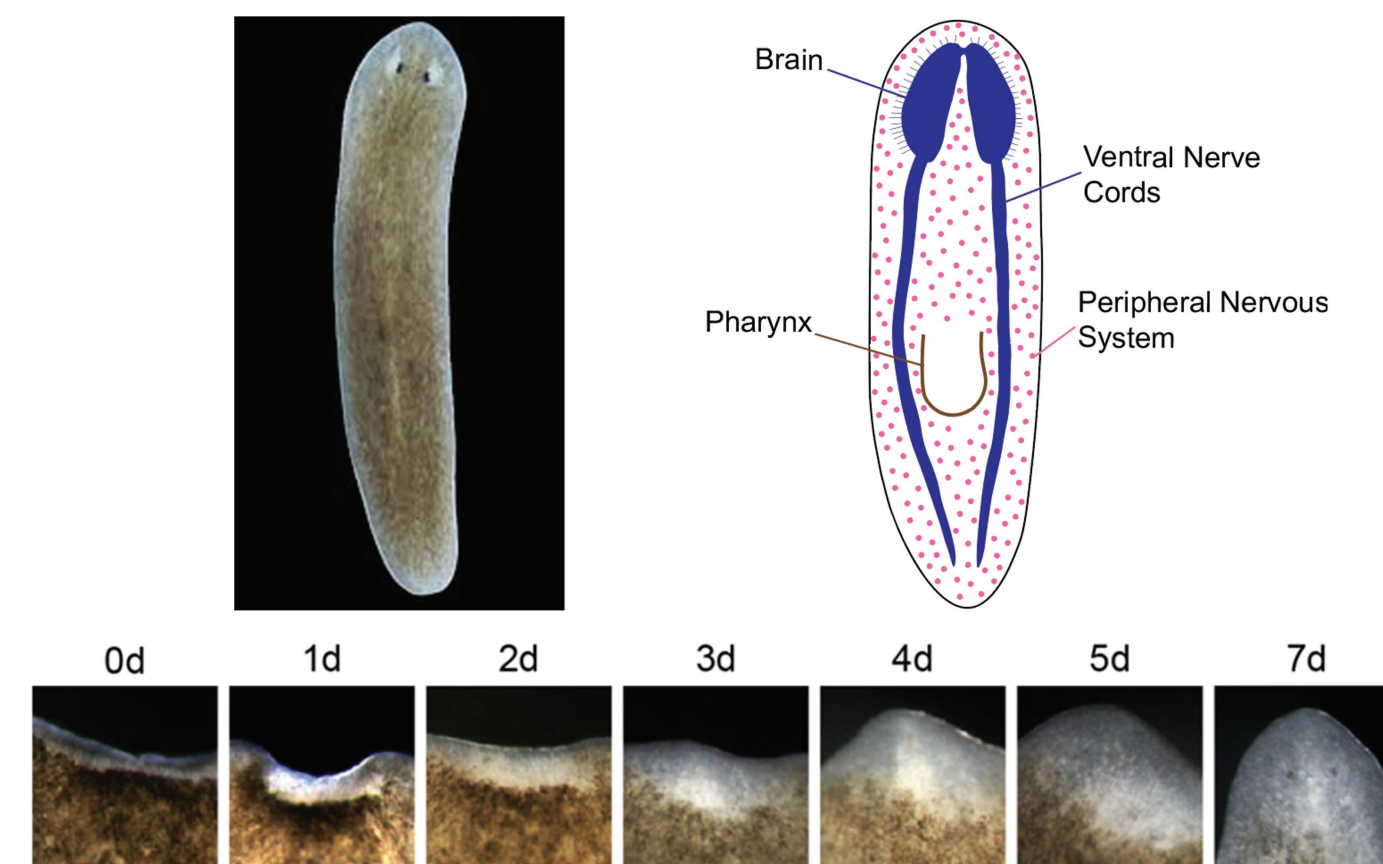
Regeneration and Stem Cell Function in Flatworms

By using an animal capable of robust regeneration we can elucidate how neuropeptide signaling influences both regeneration and stem cell function.

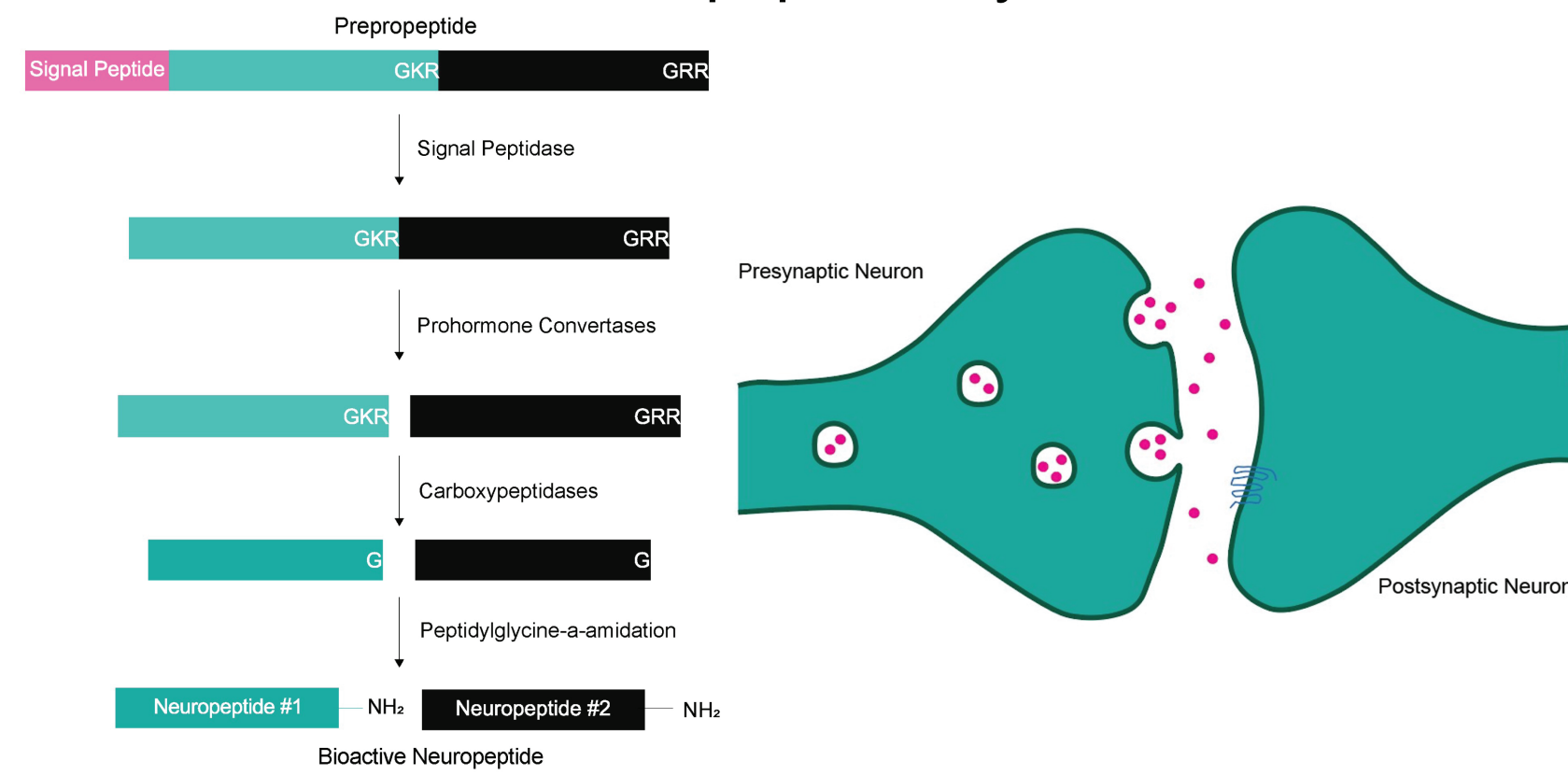
Advancements in regeneration could lead to therapies for injury and disease



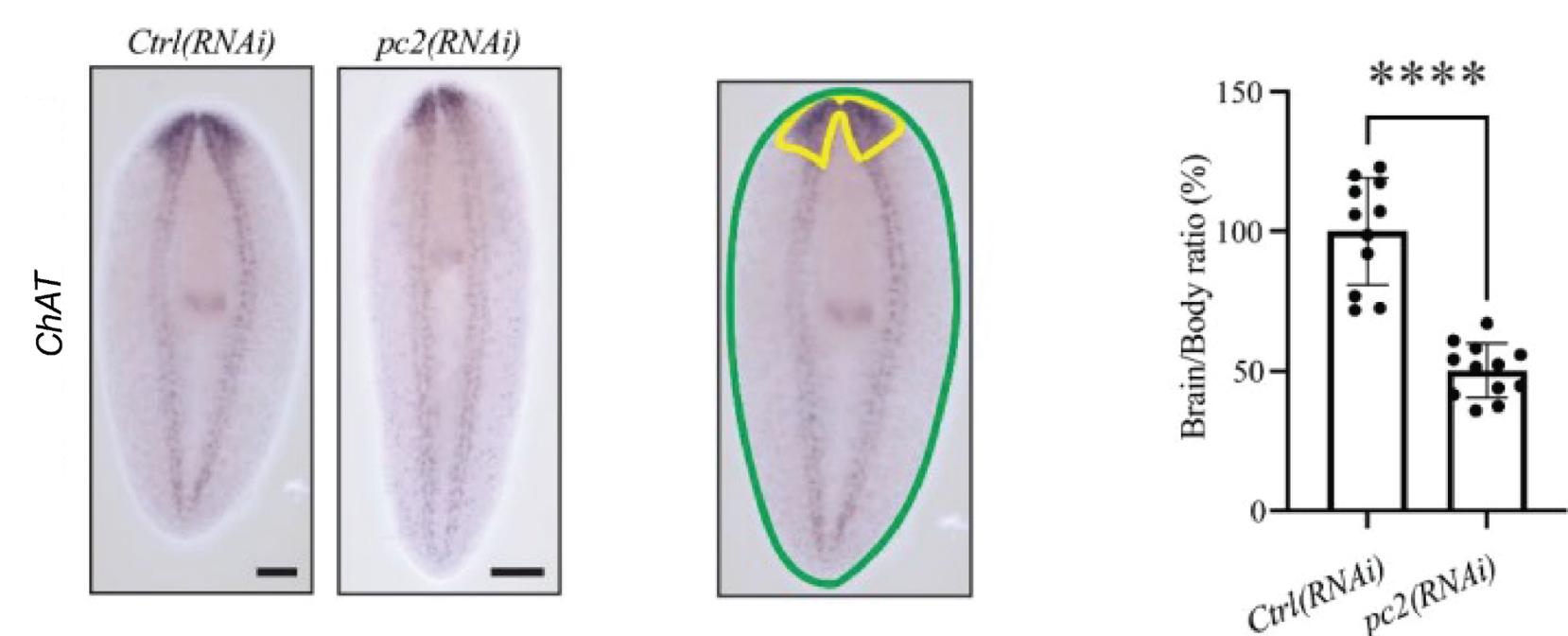
What are planarians?



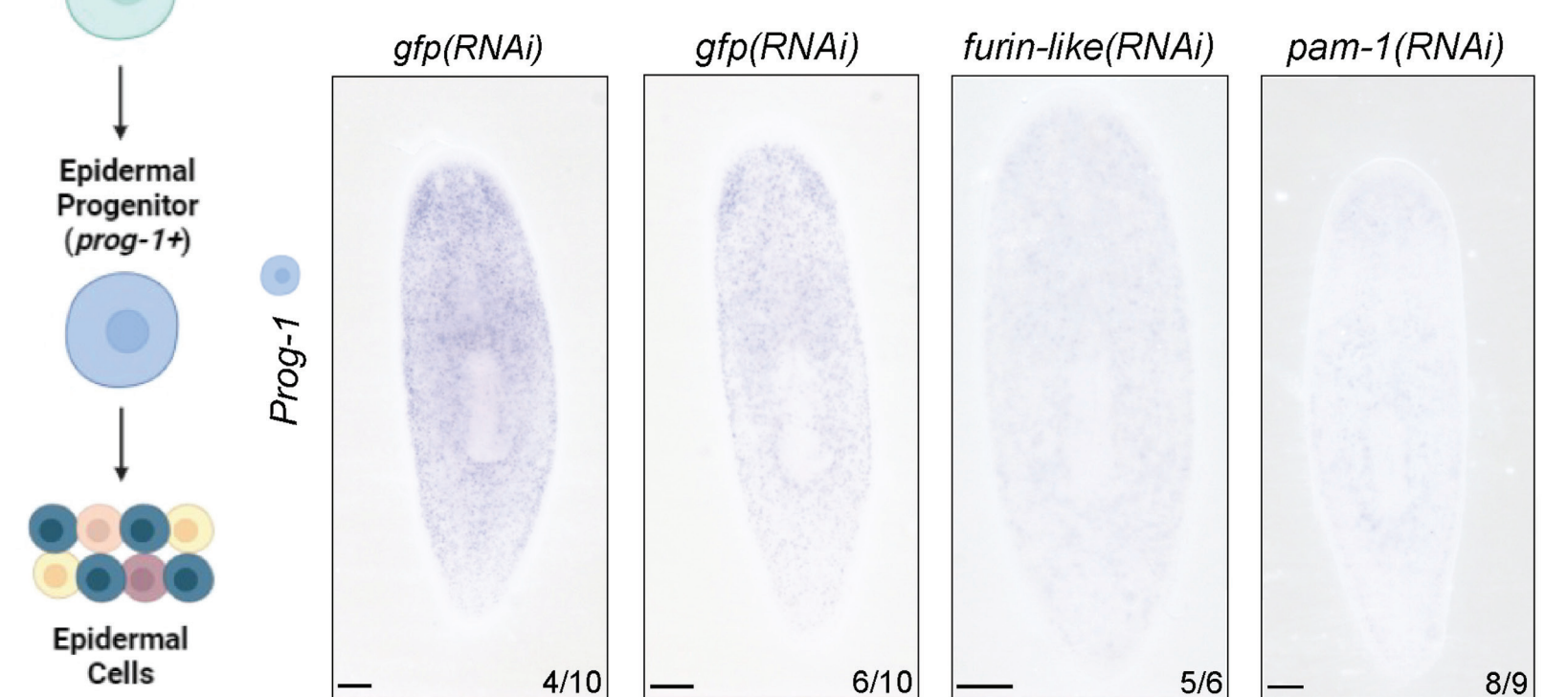
How are neuropeptides synthesized?



Neuropeptide processing enzymes influence brain regeneration



Neuropeptide processing enzymes are important for stem cells in planarians



What neuropeptides perturb regeneration?

