



James Godwin, PhD

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*Using the Salamander to Guide Latent Tissue Regeneration
in Mammals: Understanding Nerve-Immune Signaling
Controlling Fibrosis and Regeneration Potential*

Dr James Godwin is an assistant professor with a dual appointment at both the Mount Desert Island Biological laboratory (MDIBL) and the Jackson Laboratory (Jax) in Maine USA where he studies the gulf in regenerative potential between salamanders and mice. His focus is on the role of the immune system and its interactions with nerve signaling required for functional regeneration and regulation of scarring. He performed his postdoctoral training in the laboratory of Professor Nadia Rosenthal at the Australian Regenerative Medicine Institute (ARMI) using mouse and salamander regeneration models after postdoctoral training with Professor Jeremy Brockes at University College London (UCL) studying salamander limb regeneration. His PhD was earned in clinical immunology at the University of Melbourne, and St Vincent's Hospital Australia with Professor Peter Cowan and his undergraduate studies at University of Melbourne.