"Multipotent peripheral glial cells generate neuroendocrine cells of the adrenal medulla"

Furlan et al
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After recent studies identified differential expression among cells of the sympathoadrenal lineage, Furlan et al, revisit the origins of the cells that give rise to the adrenal medulla, the component of the adrenal gland that produces hormones such as adrenalin. The authors use Cre-LoxP lineage tracing over developmental time in an effort to identify the origins of the cells that contribute to the adrenal medulla. Based on their results they conclude that “Schwann cell precursors” (aka “SCPs”) that enter the region of the forming adrenal gland along nerves contribute to the adrenal medulla in combination with other neural crest stem cells. Through single cell RNASeq the authors probe the timing and divergence of the sympathoadrenal lineages and conclude that the adrenal medulla is yet another newly identified derivatives of SCPs.

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