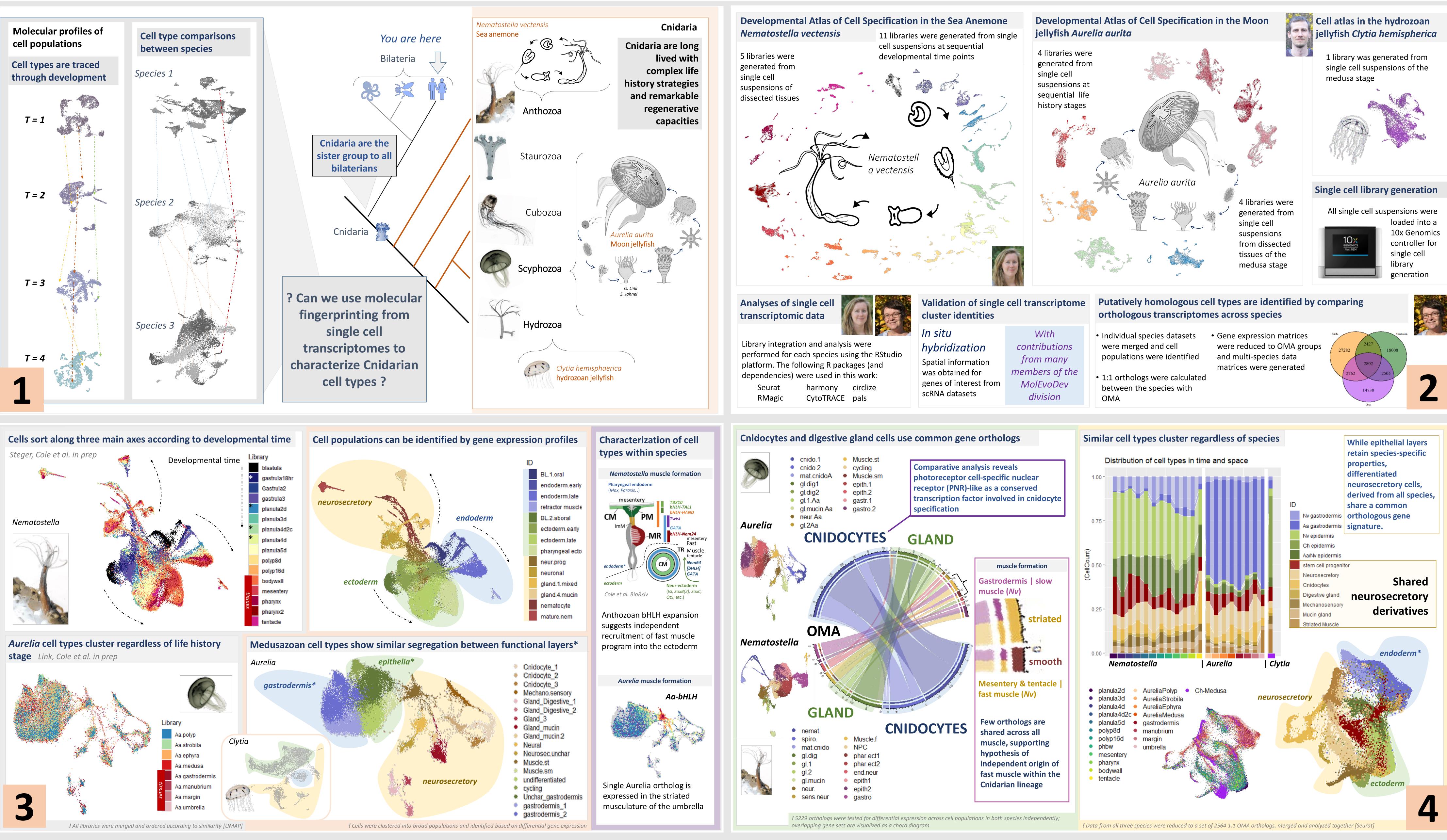
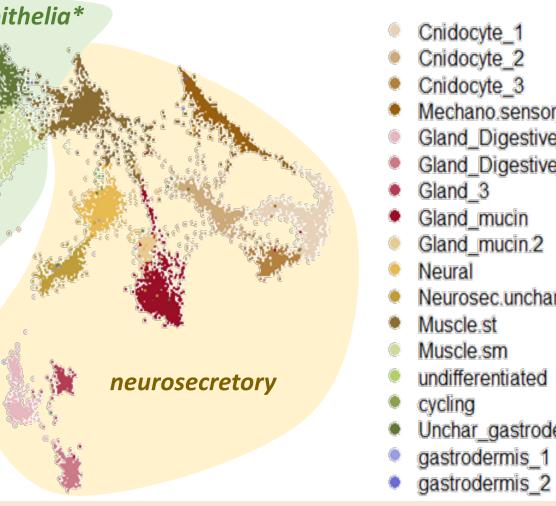
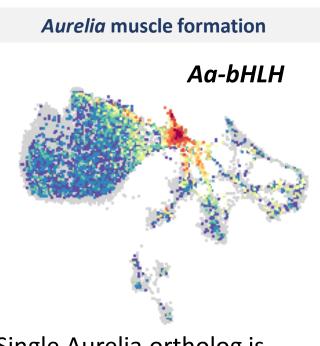


Molecular fingerprinting sea anemones and jellyfish: a transcriptomic approach to characterize Cnidarian cell types Alison G. Cole^{*}, Julia Steger, Oliver Link, Ulrich Technau



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Brief Summary:



Cnidarians are powerful models for studying the origin of functional cell types

We have generated two large single cell datasets from the sea anemone Nematostella vectensis and the moon jelly Aurelia aurita

3

Single species analyses identifies cell types and allows for reconstruction of developmental pathways

4

Similar cells types can be identified by analyzing single cell transcriptomes across species based upon orthologous gene usage