

**DEPARTMENT OF GENETICS
&
HUMAN GENETICS INSTITUTE OF NEW JERSEY**

RESEARCH SEMINAR

**“Single-Cell Insights into the Development
and Evolution of the Vertebrate Head”**



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Cranial neural crest cells generate an amazing diversity of cell types in the vertebrate head. Through single-cell profiling of neural crest-derived cells in zebrafish, we identified a role of the Nr5a2 nuclear receptor in controlling key fate decisions and a potential origin of the human outer ear from fish gills.

Noon, Monday, March 6, 2023

[Zoom Registration Link](#) | Meeting ID: 963 3843 9086 | Passcode: Genetics
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