

Abstract Submitted
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Mechanisms of Biological Neural Network Development H.G.E. HENTSCHEL, Emory University — Functionality of the nervous system depends to a large extent on the precise patterns of connections between neurons. Neuronal connections form during development when neurons send out axons which migrate to their targets. We will describe briefly how such networks form including guidance by diffusible cues and the influence of nerve fiber bundling on network growth and form.

H.G.E. Hentschel
Emory University

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