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Title: Communication between cells - Communication between animals

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Abstract: The Lois lab investigates the mechanisms by which the coordinated activity of neurons connected to each other in circuits gives rise to brain function. To address this issue we focus on three complementary questions: (i) what is the wiring diagram of the connections that link neurons together in a circuit?, (ii) how does information flow through a neuronal circuit?, and (iii) what are the mechanisms by which the function of brain circuits remains reliable despite noise?