HBI’s bimonthly “PubMed Playlists” highlights new research from Harvard neuroscientists. What we hope to do is simply whet your appetite for collaboration and crosstalk—featuring ten fascinating tales from diverse arenas of brain science, all found within our community.

April/May 2017:

**Basal Ganglia Outputs**


**Mechanical Pain Circuits**

Identification of spinal circuits involved in touch-evoked dynamic mechanical pain. Nature Neuroscience paper from the labs of Qiufu Ma, Bradford Lowell and others, joint first authors Longzhen Cheng, Bo Duan & Tianwen Huang. April 24.

**Evolution of Parental Care**


**Blood-Brain Barrier Permeability**

Human Brain Organoids


Presenilin in the Aging Fly Brain


Whole Brain Imaging in Young Zebrafish


Injectable Electronics for the Brain

Syringe-injectable mesh electronics integrate seamlessly with minimal chronic immune response in the brain. PNAS paper from the lab of Charles Lieber, first author Tao Zhou. May 22.

Circuit Variations in Olfaction

Wiring variations that enable and constrain neural computation in a sensory microcircuit. Elife paper from the labs of Wei-Chung Lee and Rachel Wilson, first author William Tobin. May 22.

Complement Signaling in Alzheimer’s

C3 deficiency protects against neurodegeneration in aged plaque-rich APP/PS1 mice. Science Translational Medicine paper from the labs of Cynthia Lemere and Beth Stevens, first author Qiaoyao Shi. May 31.