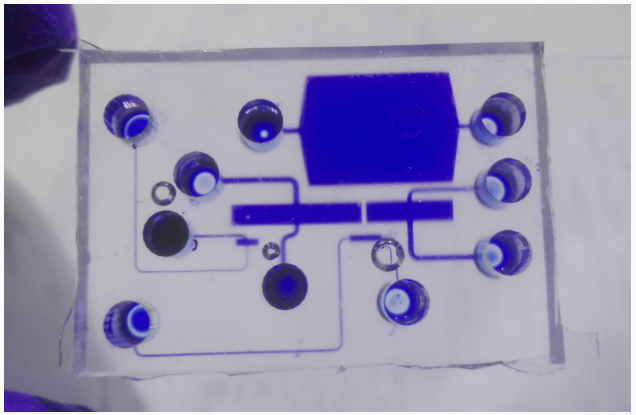
HOW TO DESIGN BRAINS ON CHIPS

Luc Libralesso - JDD MSTII

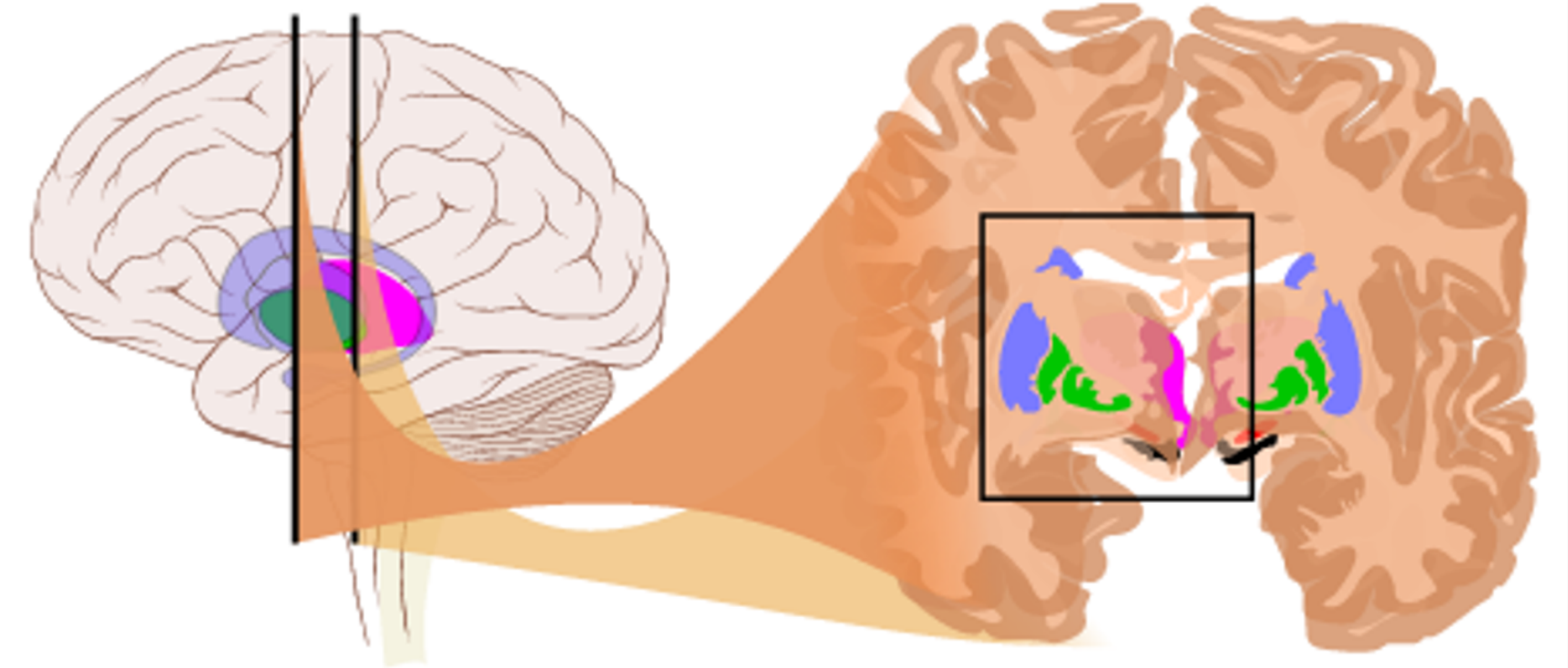
June 14, 2018

G-SCOP, 36 Avenue Félix Viallet
supervised by Thibault Honegger, Vincent Jost, Florian Larramendy and Frédéric Maffray

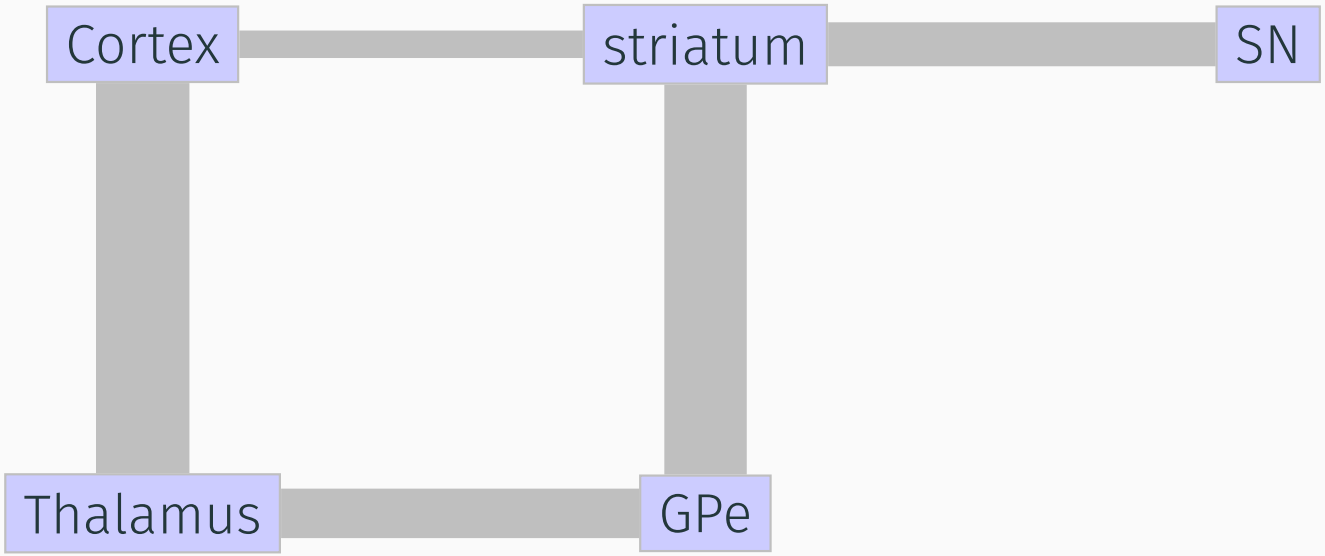


G-SCOP

BRAIN PATTERN - BASAL GANGLIA LOOP



STRUCTURAL GRAPH



STAKES

- Reproduce Diseased brain

STAKES

- Reproduce Diseased brain
- Test Treatments on brain on chip

STAKES

- Reproduce Diseased brain
- Test Treatments on brain on chip
- Find the best treatment

Questions?