COMMENT LA RECHERCHE OPÉRATIONNELLE PEUT ELLE CRÉER DES CERVEAUX SUR PUCE

Luc Libralesso - GSCOP Days 2018

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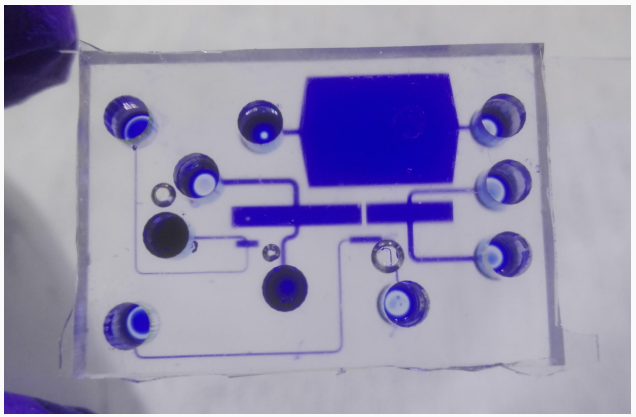
G-SCOP, 36 Avenue Félix Viallet
sous la supervision de Thibault Honegger, Vincent Jost et Frédéric Maffray



GANGLIONS DE LA BASE

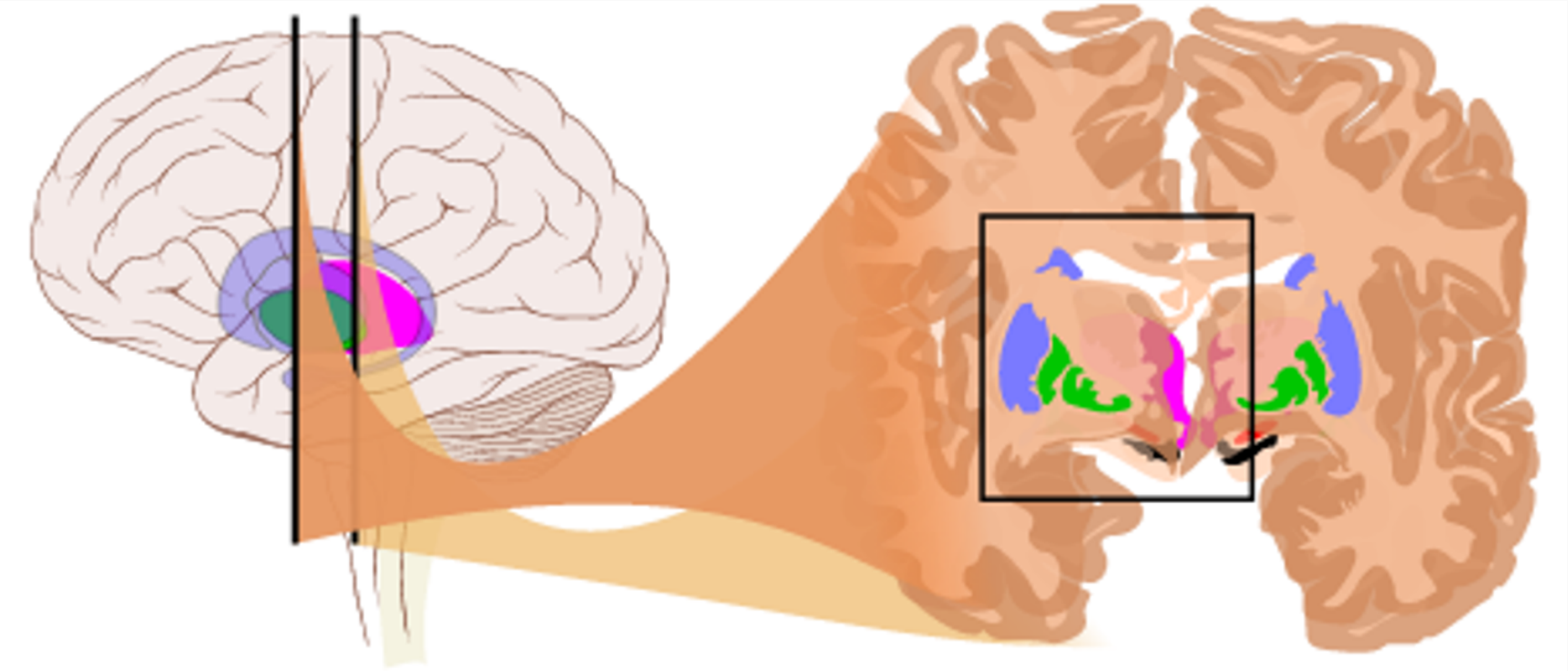
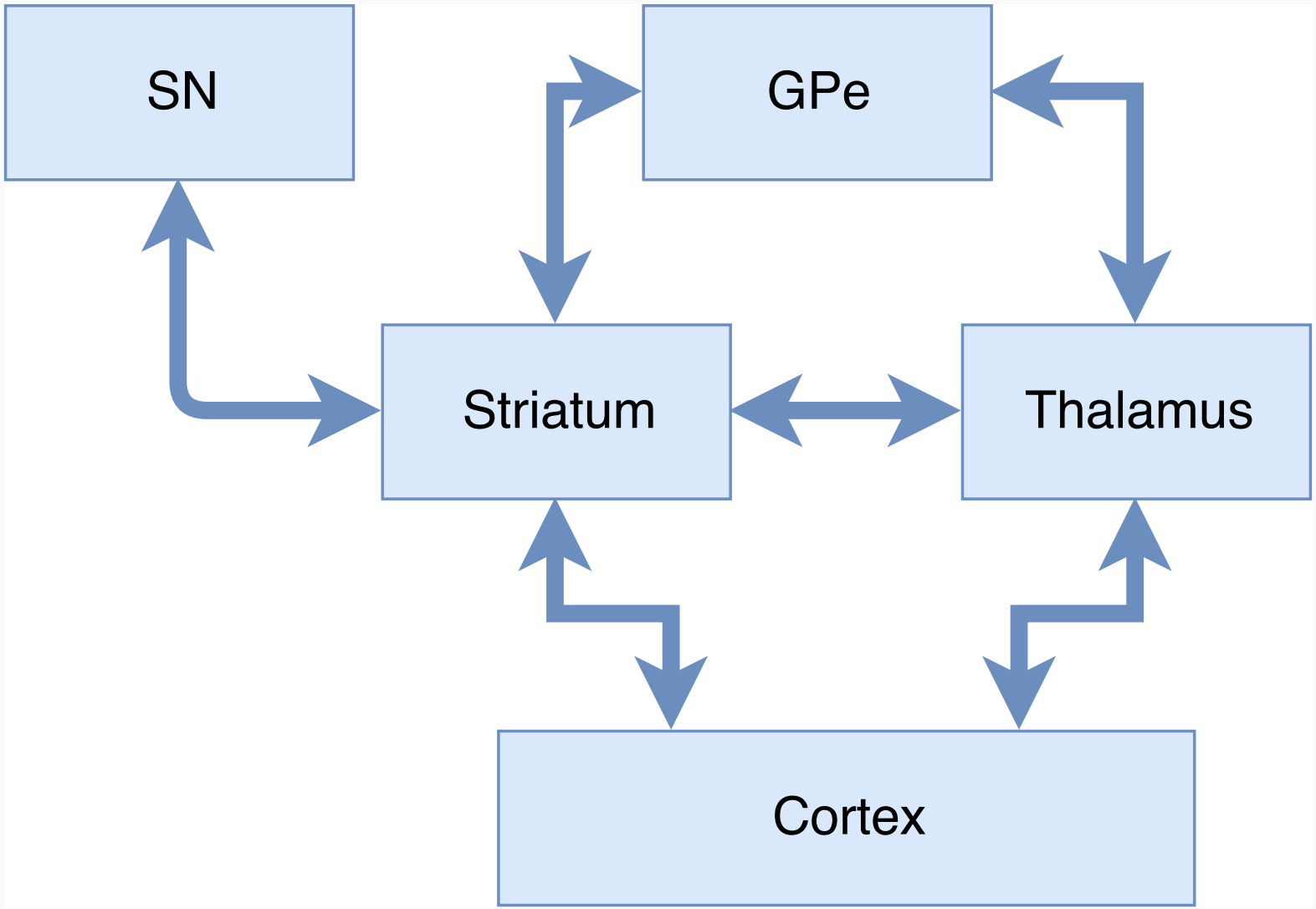


Figure: Position des ganglions de la base dans le cerveau

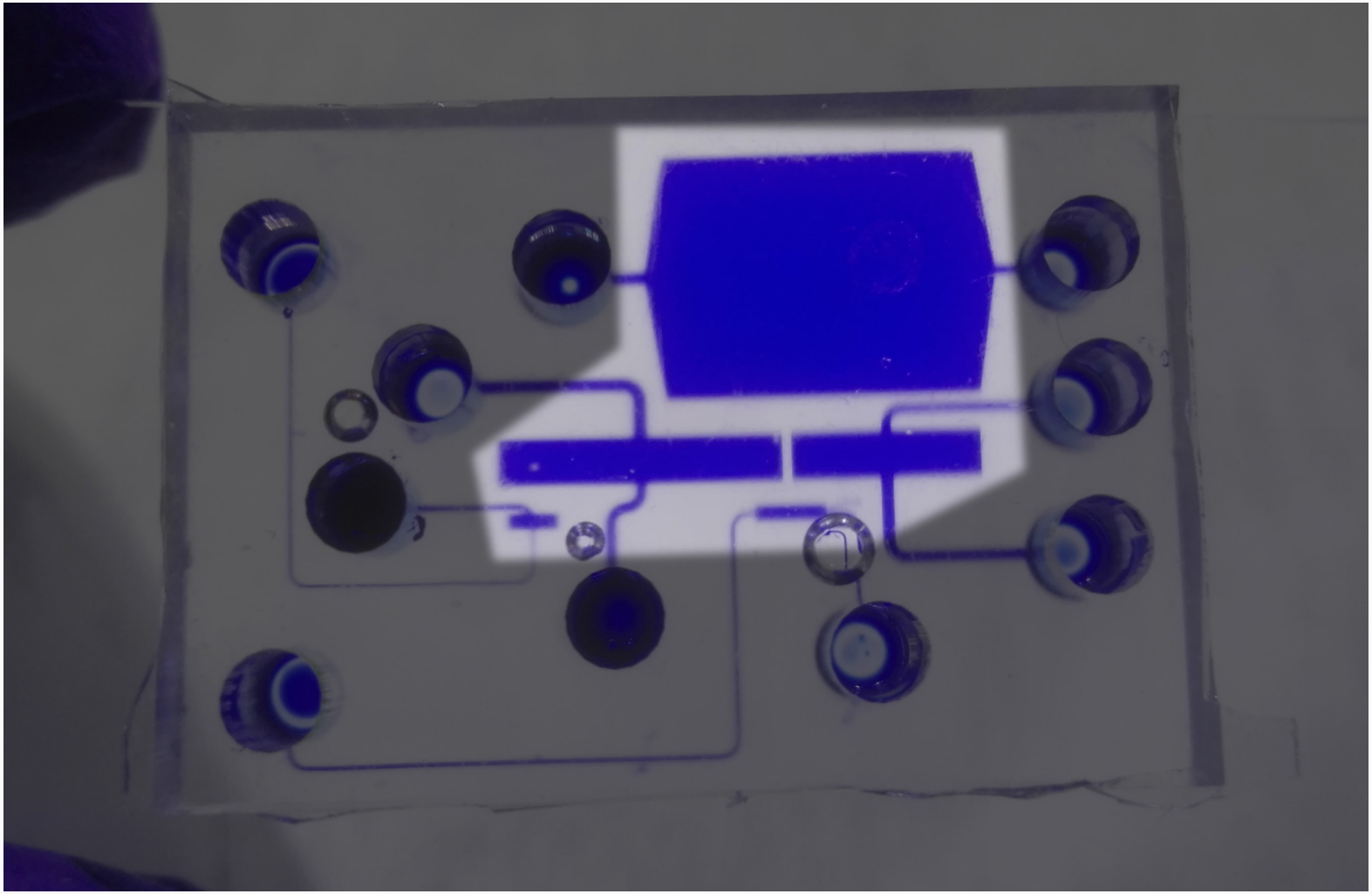
PATTERN À REPRODUIRE



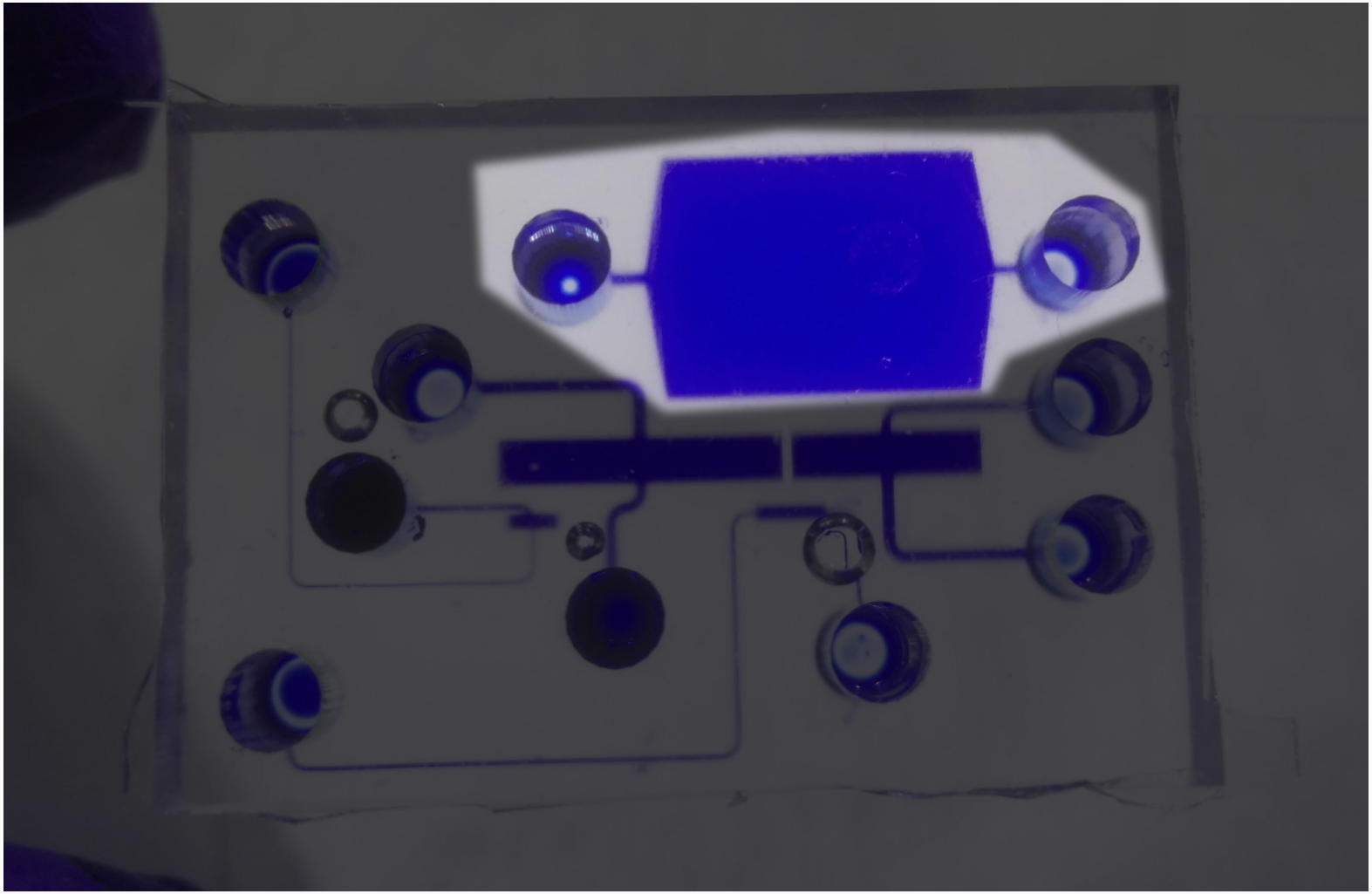
Permet de comparer plusieurs médicaments

Solution: Simulation in-vitro

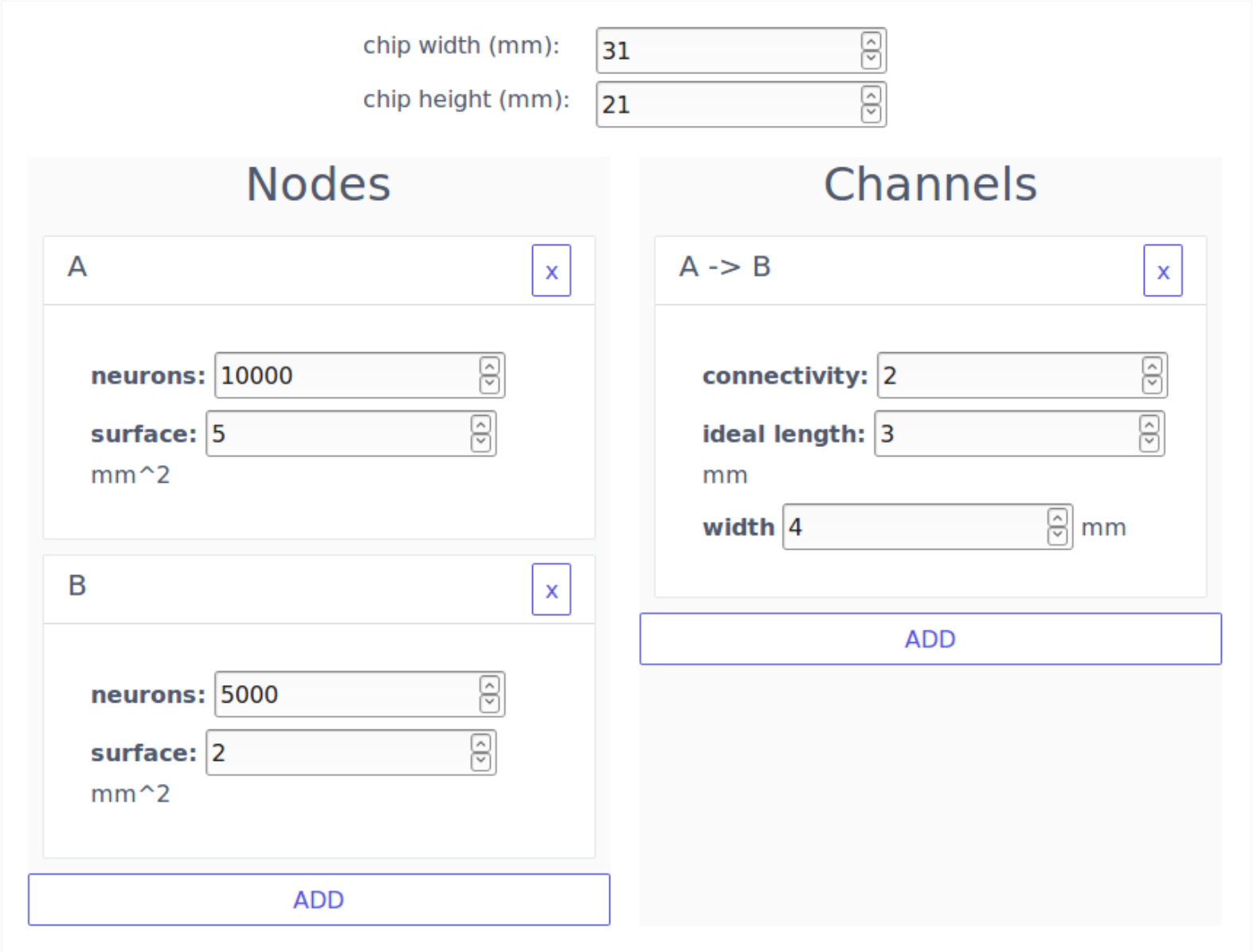
PUCE MICROFLUIDIQUE (PARTIE FONCTIONNELLE)



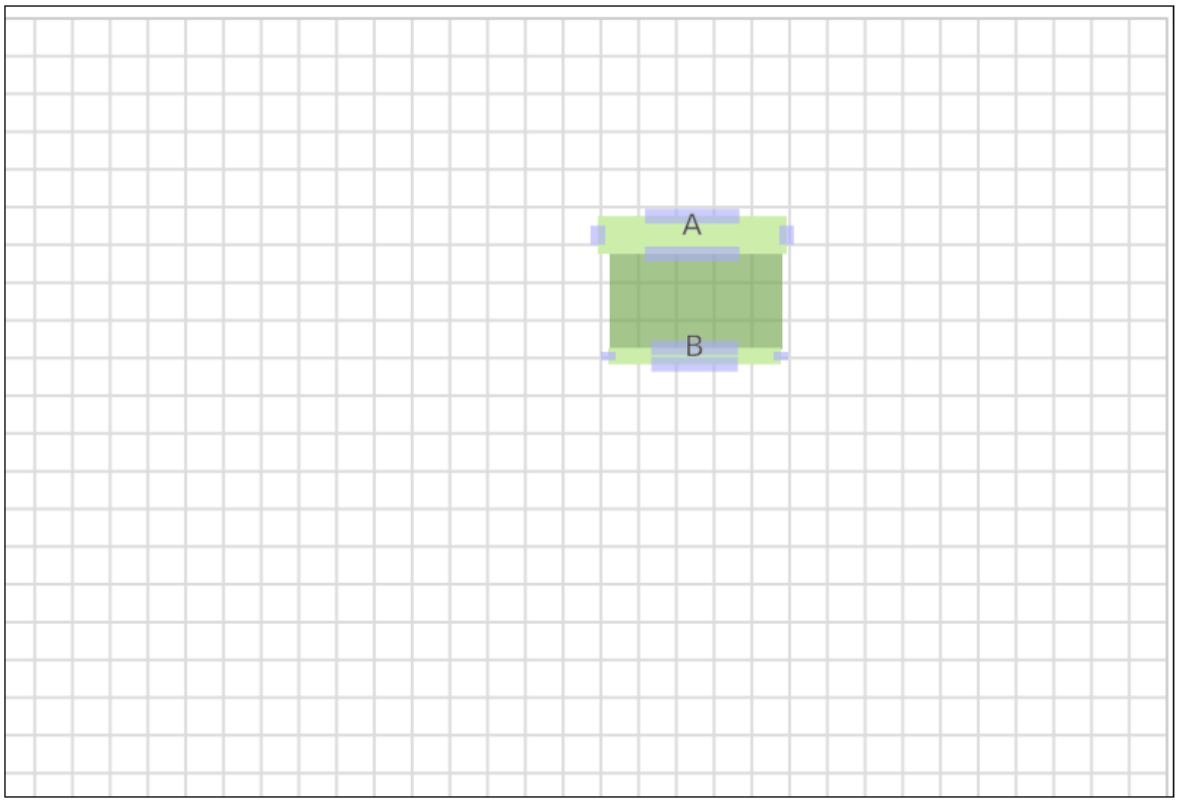
Puce microfluidique (partie chargement)



SOLUTION TECHNIQUE (ÉTAPE 1/3)



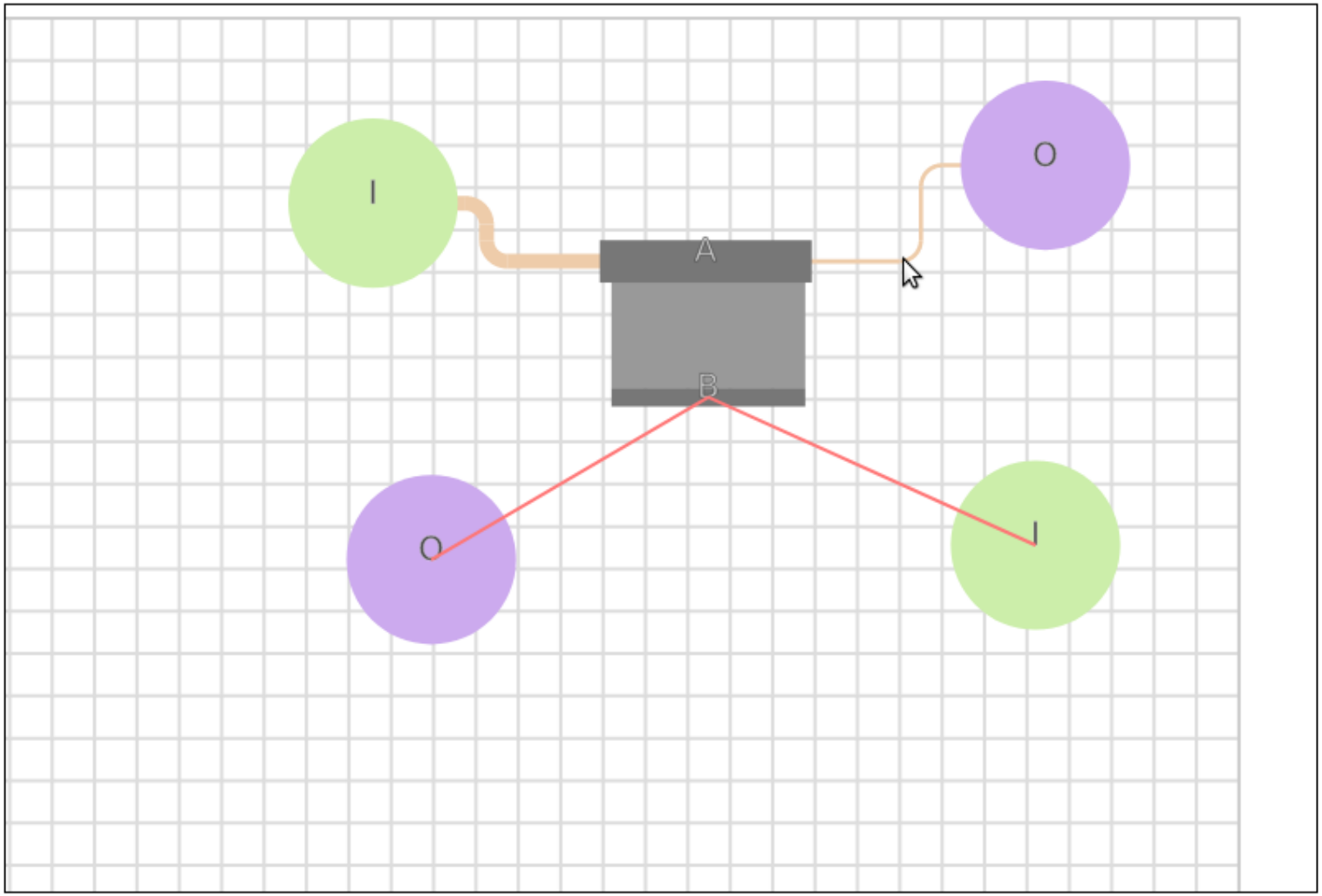
SOLUTION TECHNIQUE (ÉTAPE 2/3)



Channel scores

A-B: 2.49 mm (-0.51 mm)

SOLUTION TECHNIQUE (ÉTAPE 3/3)



Questions?