

Altshuler Lab

Internal pages for the lab

Protocols, recipes, & run sheets

Posted on [August 14, 2017](#) by [Andrea Gaede](#)

This post includes all protocols, recipes, and run sheets pertaining to the neuroscience that is performed in the Altshuler Lab.

If you make any changes to a document, make sure to update the downloadable link(s) on this page and write your name and the upload date beside the link(s).

[protocol template](#) – Joanna, 6/29/2018

[lab recipes & protocols title page](#) | [pdf](#) – Joanna, 6/29/2018

Lab Supplies

pH meter calibration protocol

[pipette cookbook](#)

Recipes

[lab recipes](#) | [pdf](#) – Joanna, 6/29/2018

[4% PFA recipe](#) | [pdf](#) – Joanna, 6/29/2018

Run Sheets

[DAB run sheet](#) | [pdf](#) – Joanna, 1/26/2018

[immunohistochemistry run sheet](#) | [pdf](#) – Joanna, 8/11/2017

[immunohistochemistry run sheet2](#) | [pdf](#) – Dre, 7/05/2016

[KX anesthesia run sheet -hummingbird](#) | [pdf](#) – Dre, 1/25/2018

[KX anesthesia run sheet -zebra finch](#) | [pdf](#) – Dre, 1/25/2018

[visualizing BDA run sheet](#) | [pdf](#) – Joanna, 10/16/2017

Surgery (all surgeries must be approved in advance by Doug (Altshuler) or Doug (Wiley))

[Amelia's super protocol](#) | [pdf](#)

[Gonzalo Marin's in-vivo neural recording setup](#) | [pdf](#)

[inferior olive recording chart](#) | [pdf](#) – Joanna, 8/14/2017

[Martin Wild's perfusion protocol](#) | [pdf](#)

[stereotaxic surgery protocol](#) | [pdf](#)

Tissue Preparation/Histology

[brain removal protocol](#) | [pdf](#) – Joanna, 6/29/2018

[dura removal protocol](#) | [pdf](#) – Joanna, 6/29/2018

[gel blocking protocol](#) | [pdf](#) – Joanna, 6/29/2018

[histology flow chart](#) | [pdf](#) – Joanna, 6/29/2018

[histology overview](#) | [pdf](#) – Joanna, 6/29/2018

[nissl counterstain protocol](#) | [pdf](#) – Joanna, 6/29/2018

[protocol for visualizing BDA](#) | [pdf](#) – Joanna, 6/29/2018

[section mounting protocol](#) | [pdf](#) – Joanna, 6/29/2018

[sectioning protocol](#) | [pdf](#) – Joanna, 6/29/2018

[slide subbing recipe & protocol](#) | [pdf](#) – Joanna, 6/29/2018

RNAscope

[brain removal protocol for RNAscope](#) | [pdf](#) – Jo, 12/3/2019

[OCT embedding and flash-freezing protocol](#) | [pdf](#) – Jo, 12/3/2019

[cryosectioning protocol](#) | [pdf](#) – Jo, 12/3/2019

In situ hybridization protocols

[revised quick guide: RNAscope 2.5 BROWN – Part 1/Day 1*](#) | [pdf](#) – Jo, 4/8/2020

[revised quick guide: RNAscope 2.5 BROWN – Part 2/Day 2*](#) | [pdf](#) – Jo, 4/8/2020

***Note:** can be split into two days (part 1 on day 1 and part 2 on day two) or performed all in one day

[nissl counterstain protocol for RNAscope](#) | [pdf](#) – Jo, 12/3/2019

Other

[Dale Sengelaub's BHRP protocol](#)

[protocol for counting cell profiles](#) | [pdf](#)

This entry was posted in [Neuroscience](#) by [Andrea Gaede](#). Bookmark the [permalink](#) [https://altshuler.zoology.ubc.ca/lab_manual/?p=18161] .