

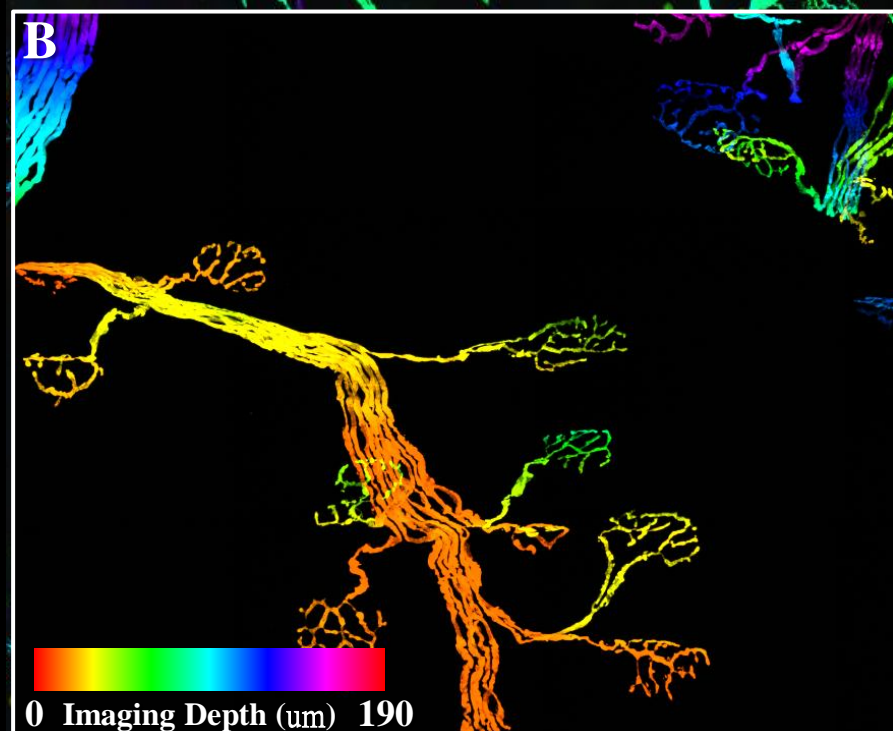
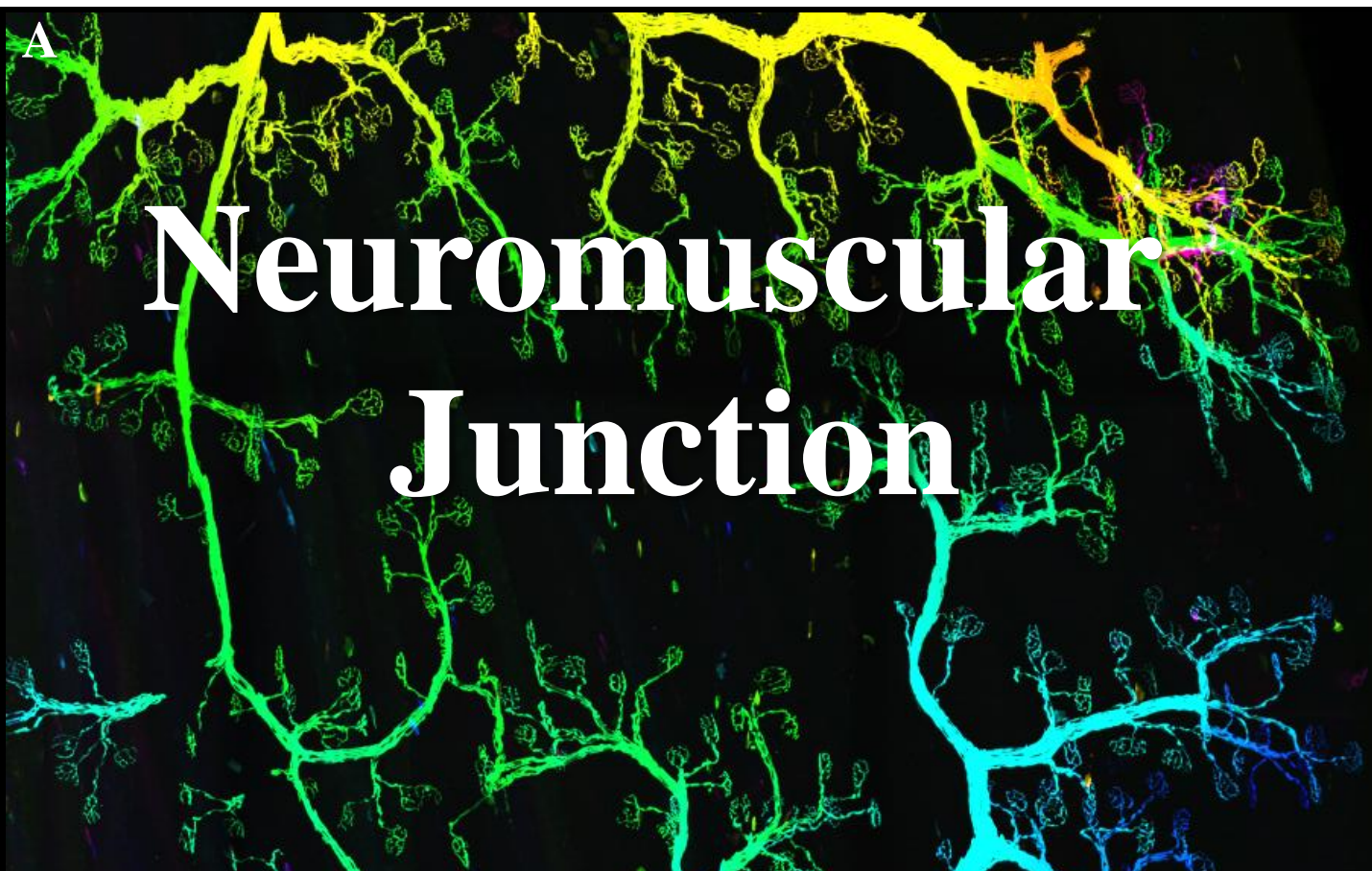
RapiClear[®]

SunJin Lab

Optical Clearing Innovation

www.sunjinlab.com

Maximize Signal-to-Noise Ratio



0 Imaging Depth (um) 1000



[Movie in YouTube](#)



[Movie in YouTube](#)

Depth coded projection images show YFP-expressing neurons in mouse gastrocnemius muscle slices. (A) 1000um slice cleared with RapiClear1.49 and imaged with 10x lens. (B) 550um slice cleared with RapiClear1.52 and imaged with 63x oil lens. We acknowledge Dr. Christian Simon from Leipzig University for providing the samples.

Protocol

4% PFA fixation



2% PBST permeabilization, 2 days at RT



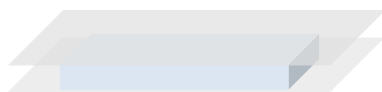
Immunostaining



RapiClear clearing, O/N at RT



Mounting



iSpacer[®] sample chamber



Imaging



Detailed Protocols and Datasheets are available online at our website

Product List

Cat. #	Product Descriptions
RC149001	RapiClear [®] 1.49, 10ml
RC149002	RapiClear [®] 1.49, 100ml
RC152001	RapiClear [®] 1.52, 10ml
RC152002	RapiClear [®] 1.52, 100ml
IS002	iSpacer [®] one well, 0.5 mm deep, 50 sheets
IS011	iSpacer [®] one well, 0.5 mm deep, 250 sheets
IS003	iSpacer [®] one well, 1.0 mm deep, 50 sheets
IS012	iSpacer [®] one well, 1.0 mm deep, 250 sheets

Most SunJin Lab's products and product applications are covered by U.S. and international patents.

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