

BMED 3224-09 Spring 2017 Independent Research IV Syllabus

This course is specifically created for Mohammad I. Murtuza, who is conducting a neuroscience project under the supervision of Dr. Isokawa

1) Hands-on experiences of learning and mastering neuroscience research techniques under the direct supervision by Dr. Isokawa in her Lab (BHRP 2.122)

Jan 17th - May 4th 5 hours/week

Research training on Immunohistochemistry, Confocal microscope imaging, and quantification of image data analysis

2) Literature-based discussion of research topics with Dr. Isokawa.

Jan 17th – May 3rd 3 hours/week

PUBMED search for current research on ghrelin, ghrelin receptor, GOAT transferase, DAG lipase, and their roles in neurotransmission

3) Preparation for a presentation/publication of results and interpretations under the supervision of Dr. Isokawa.

Jan 17th – May 4th 1 hour/week (weekly progress report)