### The 54th Frontier Brain Science Seminar Sponsored by Research Center for Idling Brain Science (RCIBS)

## **Circuit mechanisms of associative** memory in health and disease



# Speaker: Kei M Igarashi Ph.D

Assistant Professor Department of Anatomy and Neurobiology, School of Medicine, University of California, Irvine



## Date: 5th Nov. 2021 (FRI.) 10:30~12:00 **Online** (**Zoom** live seminar)



Pre-registration is required. To register, please send us from your "University of Toyama" account (u-toyama.ac.ip) We do NOT accept registration from free email (gmail, yahoo etc) (1) your name (2) your affiliation and (3) student number if you are student to the following address.

#### RCIBS@cts.u-toyama.ac.jp **Registration period : October 15th - November 2nd**

#### References

Dr Igarashi will talk on 2 topics appeared in Nature 2021 and Neuron 2020

Lee JY et al. Dopamine facilitates associative memory encoding in the entorhinal cortex. Nature. (2021)

Jun H et al. Disrupted Place Cell Remapping and Impaired Grid Cells in a Knockin Model of Alzheimer's Disease. Neuron. 107:1095-1112 (2020)

Sponsor: Research Center for Idling Brain Science (RCIBS) Organizer: Shuntaro Ohno (RCIBS/Dept. of Biochemistry) (Ext. 7228)