

The 12th Webinar for Quantitative Genetics Tools for Mapping Trait Variation to Mechanisms, Therapeutics, and Interventions

# From GWAS to gene: what are the essential analyses and how do we bring them together using heterogeneous stock rats?

Friday, February 26th, 2021  
10am PST/ 11am MST/ 12pm CST/ 1pm EST

Presented by:

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There is no fee associated with this webinar, but users are asked to register to receive the Zoom link and password.

Registration: [http://bit.ly/osga\\_2021-02-26](http://bit.ly/osga_2021-02-26)



## Goals of this webinar:

Heterogeneous stock (HS) rats are an outbred population that was created in 1984 by intercrossing 8 inbred strains. The Center for GWAS in Outbred Rats (<http://www.ratgenes.org>) has developed a suite of

analysis tools for analyzing genome wide association studies (GWAS) in HS rats

- explain the HS rat population and their history
- describe the automated pipeline that performs GWAS in HS rats
- explore the fine mapping of associated regions and explain the various secondary analyses that we use to prioritize genes within associated intervals

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