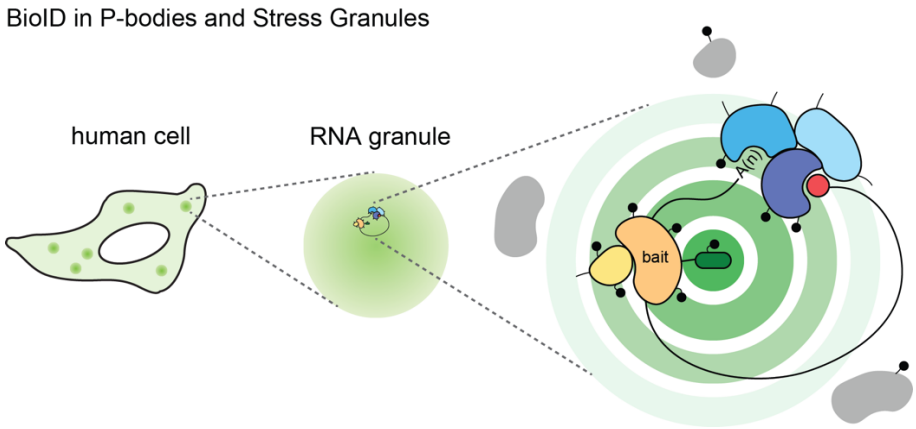
GUEST SPEAKER SEMINAR

Molecular Genetics
UNIVERSITY OF TORONTO

Understanding spatial organization of membraneless organelles using proteomics approaches



As a postdoctoral fellow in Dr. Anne-Claude Gingras' lab, I utilized *in vivo* proximity-dependent biotinylation assay (BioID) in human cells to systematically survey the proteome architecture of two cytosolic membraneless organelles, Stress Granules and P-bodies, and define their proteome (Mol. Cell; PMID: 29395067). Building upon this work, I propose to further investigate the molecular interactions governing the organization and the dynamic properties of Stress Granules, which are implicated in neurological disorder such as Amyotrophic Lateral Sclerosis (ALS).

Dr. Ji-Young Youn

Candidate for Faculty Appointment
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Host: Dr. Leah Cowen

Date: Thursday June 11, 2020
Time: 11:00 AM
Via: Zoom
For access, please register in advance:
https://zoom.us/meeting/register/tJEldu-hpjsvHtYNNi8dMwBlLG8SBLNYhCpN