



Genome Sciences Seminar

Wednesday, 10.11.23 | 3:30 | Foegle Auditorium

remote viewing option: <https://depts.washington.edu/gstrestrc/remote.htm>



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“Systems glycobiology enabled by innovations in mass spectrometry and chemical biology”

Glycosylation is a dominant feature of extracellular phenotypes. Glycoproteins present distinct combinations of glycans and amino acids that create unique molecular surfaces to relay biological information in a language called the glycode. Despite evidence that the glycode orchestrates numerous aspects of cell surface biology, we lack a fundamental understanding of the glycosylation landscape across the proteome, largely because we do not have tools to capture the glycode at a systems level. Our group works to address this critical gap in current analytical technology to study glycode regulation across biological networks that govern health and disease.

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

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