



Genome Sciences Seminar

Wednesday, 4.10.24 | 3:30 | Foege Auditorium

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



Dr. Andrew Emili

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<https://www.emililab.org/>

“Network Systems Biology: Mapping Macromolecular Interactions Relevant to Human Health & Disease”

Human health and development depend on dynamic networks of physical, and functional, interactions between proteins, but the identity, composition and structure of the myriad of multiprotein ‘machines’ required by all essential cellular processes still largely unknown. Indeed, despite rapid progress in genomics and interaction mapping in simple models like microbes, by us and others, it remains unclear which proteins associate together to form the different cell types and tissues of the body or how these networks go awry in important disorders like cancer, neurodegeneration or cardiovascular disease. These questions form the basic focus of the Emili research laboratory.

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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