

# LabUM EpiGenMed



## Prestige seminar series



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# Liam J. Holt

## Institute for Systems Genetics

## New York University School of Medicine

**The LabUM EpiGenMed network is pleased to announce the fourth in the 2023-2024 series of prestige seminars.**

**Attendance is free upon registration!**

Liam Holt completed his Ph. D. at UCSF in 2009, where he made key discoveries on the dynamics and evolution of protein phosphorylation during the cell cycle. As a Bowes Fellow at UC Berkeley, he provided a molecular basis for protein kinase diversification during evolution. Liam is currently Associate Professor of Biochemistry at New York University. His lab studies how mechanical compression affects cells, and how the physical properties of the cell interior affect biochemistry in both normal biology and disease. Among other discoveries, he has found that cytoplasm crowding by ribosomes controls biomolecular condensate formation by tuning phase separation, and he has contributed to a synthetic biology project to uncover principles of Hox gene regulation.

Liam is passionate about outreach and community: he co-founded Science Sketches ([www.sciencesketches.org](http://www.sciencesketches.org)), a crowd-sourced project to create an online dictionary of science videos; and Inspire Science ([www.inspiresci.org](http://www.inspiresci.org)), a symposium about maintaining happiness in a challenging career.

## Wednesday 16th October at 15h00

## Genopolys



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