



Genome Sciences Seminar

Wednesday, 5.10.17 | 3:30 | Foege Auditorium



Dr. Konstantin Khrapko

Northeastern University

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“Many Faces of mtDNA mutations: From Aging to Evolution”

Khrapko Lab:

mtDNA Mitochondria are cellular organelles responsible for ATP production as well as many other cellular processes, from calcium homeostasis to apoptosis. Mitochondria are the only animal organelle that carries its own genome, mtDNA. mtDNA suffers high levels of somatic mutations which are suspected of being involved in aging and carcinogenesis. We are studying mutations in mtDNA and their effects on cellular physiology, aging and disease. We also use mtDNA mutations to trace mtDNA lineages and to study human evolution.

Refreshments served outside the Auditorium at 3:20pm

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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