

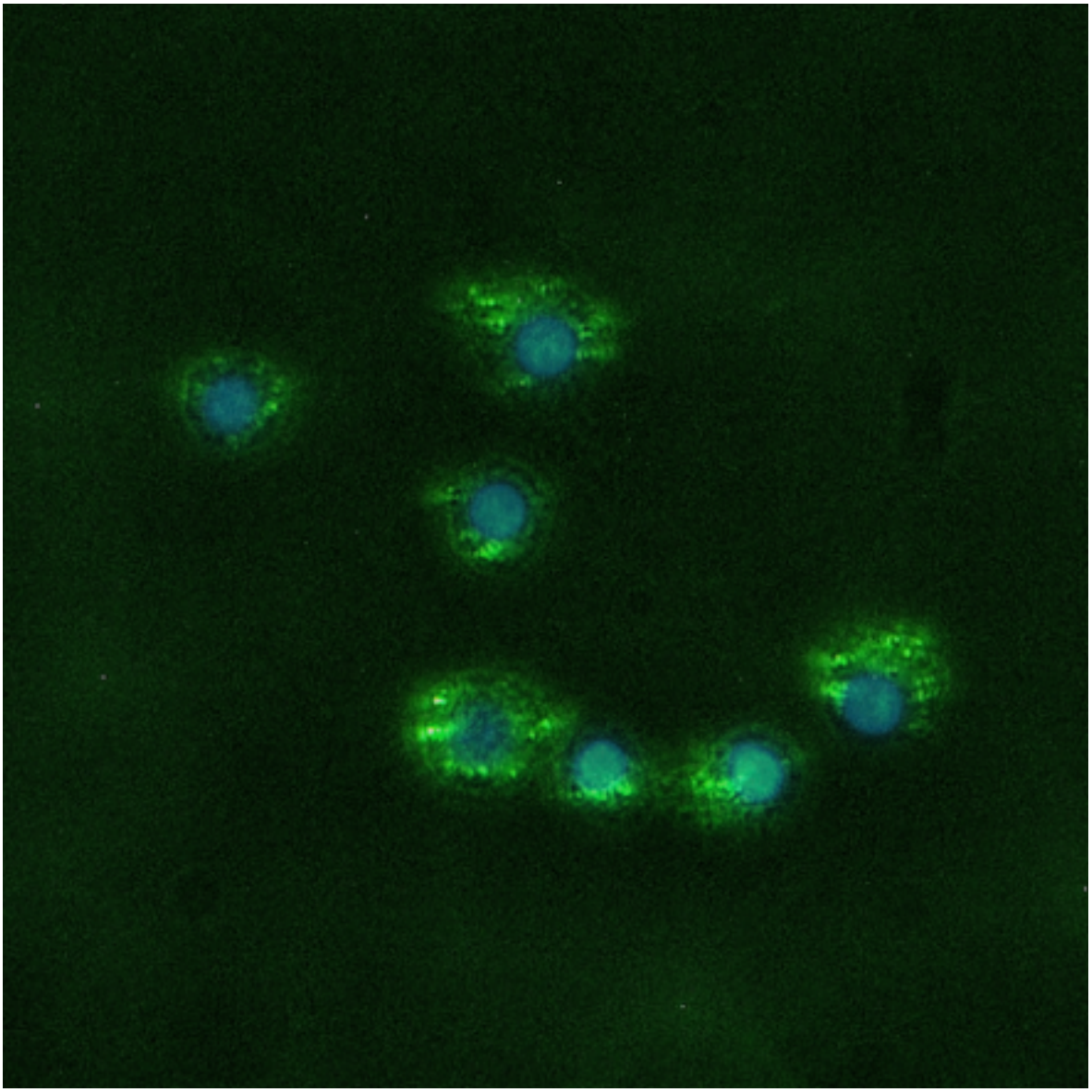
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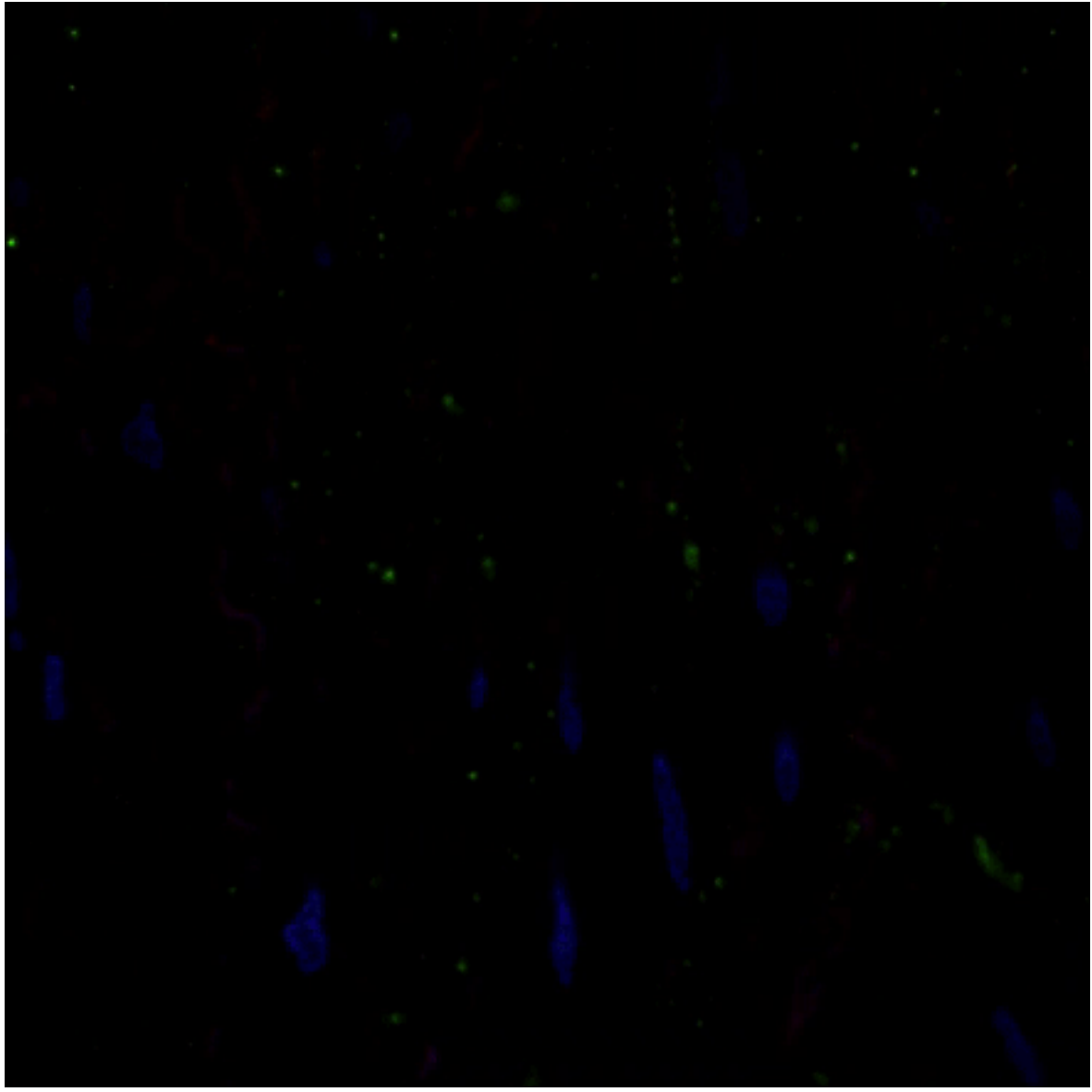
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Standard Fluorescent Imaging of Live Cells is Highly Genotoxic

Jing Ge¹, David K. Wood², David M. Weingeist¹, Somsak Prasongtanakij³, Panida Navasumrit³, Mathuros Ruchirawat³, and Bevin P. Engelward^{1,*}

¹Department of Biological Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139 ²Harvard-MIT Division of Health Sciences and Technology, Massachusetts Institute of Technology, Cambridge, MA 02139 ³Environmental Toxicology Program, Chulabhorn Graduate Institute, Bangkok, Thailand





Fluorescein-labeled nanoparticles (FITC + DAPI)

WidfieldEpiuorescence

Immunohistochemistry (DAPI + PTEN + SMA)

confocal-z-stack

<30 seconds, \$0 (TC microscope), <2MB

≥ 15 minutes, \$15-90/hour, ≥ 30 MMB

Fundamentals **Disadvantages & Advantages** Examples Extending Block Knowledge

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