

Abstract Submitted  
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**Multiple Cancer Cell Population Dynamics in a Complex Ecology**

KE-CHIH LIN, Princeton University, GONZALO TARGA, KENNETH PIENTA, Johns Hopkins Medical Institute, JAMES STURM, ROBERT AUSTIN, Princeton University — We have developed a technology for study of complex ecology cancer population dynamics. The technology includes complex drug gradients, full bright field/dark field/fluorescence imaging of areas of several square millimeters and thin gas-permeable membranes which allow single cell extraction and analysis. We will present results of studies of prostate cancer cell dynamics.

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