**Maryland Genomics Teams with 10x Genomics and Illumina to Award Pilot Grant Support to One UMB Researcher for Single Cell Data**

***Application Deadline is Nov. 30***

One UMB researcher will win support for a single-cell genomics pilot project sponsored by [Maryland Genomics](https://marylandgenomics.org/), [Illumina](https://www.illumina.com/), and [10x Genomics](https://www.10xgenomics.com/). Maryland Genomics is part of the [Institute for Genome Sciences](https://www.igs.umaryland.edu/) within the University of Maryland School of Medicine. Applicants must hold a primary research position in any school within the University of Maryland, Baltimore, be a new user of single-cell genomics technologies and need pilot data to support a grant proposal or to expand a manuscript in development.

The winner will receive:

* Project consultation with Maryland Genomics and 10x Genomics
* One 10x Genomics’ 4-reaction kit for Chromium Single Cell 3’ or 5’ Gene Expression or Chromium Single Cell ATAC
* Library preparation
* Sequencing using an Illumina NovaSeq 6000 SP flow cell for up to four samples
* Bioinformatics support from Maryland Genomics

The 10x Genomics high-throughput single cell technology allows researchers to look at the gene expression profiles for thousands of individual cells simultaneously to gain insights into complex biological systems.

To apply for a chance to win the pilot grant, submit a 300-word abstract proposing a pilot research project that uses a single-cell solution from 10x Genomics using this [form](http://bit.ly/3DXu2i1) on or before Nov. 30. Applicants will be judged on innovation and creativity. The winning project must be completed before Feb. 28, 2023.

Direct any questions to Luke Tallon, Scientific Director of Maryland Genomics: [ljtallon@som.umaryland.edu](mailto:ljtallon@som.umaryland.edu).