Accepted Manuscript

Novel single-cell technologies in acute myeloid leukemia research

Soumyasri Das Gupta, Zohar Sachs

PII: S1931-5244(17)30236-0
DOI: 10.1016/j.trsl.2017.07.007

Reference: TRSL 1177

To appear in: Translational Research

Received Date: 24 May 2017 Revised Date: 18 July 2017 Accepted Date: 20 July 2017



Please cite this article as: Gupta SD, Sachs Z, Novel single-cell technologies in acute myeloid leukemia research, *Translational Research* (2017), doi: 10.1016/j.trsl.2017.07.007.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Novel single-cell technologies in acute myeloid leukemia research

Soumyasri Das Gupta¹ and Zohar Sachs^{1, 2}

¹Division of Hematology, Oncology, and Transplantation, Department Medicine,

University of Minnesota, MN 55455

²Masonic Cancer Center, University of Minnesota, MN 55455

Corresponding author: Dr. Zohar Sachs, Division of Hematology, Oncology, and

Transplantation, Department Medicine, University of Minnesota, MN 55455

617-626-7055, e-mail: sachs038@umn.edu

Running title: Single-cell studies in AML

Abbreviations: AML, acute myeloid leukemia; LSCs, leukemic stem cells; HSCs,

hematopoietic stem cells; qPCR, quantitative polymerase chain reaction; FACS,

fluorescence-activated cell sorting; NGS, next generation sequencing; SCNP, single-cell

network profiling.

Support: ZS was supported by American Cancer Society Mentored Research Scholar

Grant (MRSG-16-195-01-DDC); Clinical and Translational Science Institute at the

University of Minnesota KL2 Career Development Award NIH/NCATS ULI RR033183 &

KL2 RR0333182; the division of Hematology, Oncology, and Transplantation,

Department of Medicine; University of Minnesota Department of Medicine Women's

Early Research Career Award, Masonic Cancer Center Pilot grants, and an American

Cancer Society Institutional Research grant.

1

Download English Version:

https://daneshyari.com/en/article/8769068

Download Persian Version:

https://daneshyari.com/article/8769068

<u>Daneshyari.com</u>