



Miniaturizing drug sensitivity and resistance test for solid tumors on Droplet Microarray

Maryam Salarian¹, Marc Schneider², Thomas Muley², Pavel Levkin¹, Anna Popova¹

Institute of Biological and Chemical Systems, Karlsruhe Institute of Technology, Germany

Thoraxklinik, University hospital of Heidelberg, Germany





| A Before | After | B Before | After |
|-------------|-------|-------------|------------|
| 1-11-1 | | | • |
| 11.1.1 | | Adroge | |
| | | | <u>1mm</u> |

1. Popova AA, Dietrich S, Huber W, Reischl M, Peravali R, Levkin PA. SLAS Technol. 2021;26(3):274-286.

2. Liu Y, Chakraborty S, Direksilp C, Scheiger JM, Popova AA, Levkin PA. Mater Today Bio. 2021;12:100153.

3. Lei W, Demir K, Overhage J, Grunze M, Schwartz T, Levkin PA. Adv Biosyst. 2020;4(10):e2000073.



4. Jogia GE, Tronser T, Popova AA, Levkin PA. Microarrays (Basel). 2016;5(4):28.