

PUBLICATION LIST – MICROFLUIDICS CORE FACILITY**Micro-dissected tissues**

M. Astolfi, B. Péant, M. A. Lateef, N. Rousset, J. Kendall-Dupont, E. Carmona, F. Monet, F. Saad, D. Provencher, A.-M. Mes-Masson, and T. Gervais, “Micro-dissected tumor tissues on chip: an ex vivo method for drug testing and personalized therapy,” *Lab Chip*, 16, 312-325, 2016, DOI: <https://doi.org/10.1039/C5LC01108F>.

Viability modeling of 3D culture on chip

N. Rousset, F. Monet, and T. Gervais, “Simulation-assisted design of microfluidic sample traps for optimal trapping and culture of non-adherent single cells, tissues, and spheroids,” *Scientific Reports*, 7, 245, 2017, DOI: <https://doi.org/10.1038/s41598-017-00229-1>.

Paraffin-embedding lithography for micro-dissected tissues

K. Simeone, R. Guay-Lord, M. A. Lateef, B. Péant, J. Kendall-Dupont, A. M. Orimoto, E. Carmona, D. Provencher, F. Saad, T. Gervais, and A.-M. Mes-Masson, “Paraffin-embedding lithography and micro-dissected tissue micro-arrays: tools for biological and pharmacological analysis of ex vivo solid tumors,” *Lab Chip*, 19, 693-705, 2019, DOI: <https://doi.org/10.1039/C8LC00982A>.