1 – Please send one paper and include all source files for the latest version of the submitted paper

Done

2 - Please include any notes for management of the APCs

APC has already been paid and author should not be invoiced)

3 - Please include Accepted and Submission dates

04-21-2021

4 – If you have a manuscript number, please include in the subject line for ease of tracking

JPI 22 21

5 – Please include a title page with the list of authors affiliations and the corresponding author details

A Novel Superpixel Approach to the Tumoral Microenvironment in Colorectal Cancer

Sean M. Hacking<sup>1,2</sup>\*, MB,BCh,BAO; Dongling Wu<sup>1</sup>\*, MD; Claudine Alexis<sup>1</sup>, MBA; and Mansoor Nasim<sup>1,3</sup>, MD, PhD

- 1. Department of Pathology and Laboratory Medicine, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, 2200 Northern Blvd, Suite 104, Greenvale, NY, 11548, USA.
- 2. Department of Pathology and Laboratory Medicine, Rhode Island Hospital and Lifespan Medical Center, Warren Alpert Medical School of Brown University, 593 Eddy St, APC 12, Providence, RI, 02903, USA.
- 3. Department of Pathology, Renaissance School of Medicine, Stony Brook University, 100 Nicolls Rd, Stony Brook, NY, 11794, USA.

**Key Words**: Superpixel Segmentation; Tumoral Microenvironment; Colorectal Cancer; Frontiers Beyond the Microscope; Stromal Differentiation Correspondence to: sean\_hacking@brown.edu

\*These authors contributed equally to this body of work.