

Colorectal Dataset

The dataset is a simpler version for **education purpose** of the one described here:

Ponzio, Francesco, et al. "Dealing with Lack of Training Data for Convolutional Neural Networks: The Case of Digital Pathology." Electronics 8.3 (2019): 256.

If you use the dataset please cite the above-mentioned paper.

The biological dataset comes from Colon tissue of different patients and presents 5 classes of interest:

- i. Adenocarcinoma, tumour (AC).
- ii. Healthy tissue, normal colonic glands (H). See (a) in below figure.
- iii. Serrated Adenoma, precursive lesion of cancer that may turn into it (Serr).
- iv. Tubular adenoma, precursive lesion of cancer that may turn into it (T).
- v. Villous Adenoma, precursive lesion of cancer that may turn into it (V).

Notation:

{Patient_ID}_{Class_ID}_{Image_ID}.png



Colonic glands (a)

