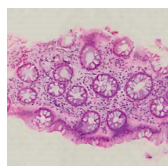# DeepHealth partner University of Turin
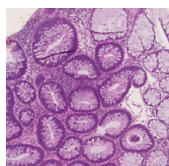# released open-access dataset UniTOPatho

The University of Turin (UniTO) released the open-access dataset UniTOPatho collected for the homonymous Use Case 2 in the DeepHealth project.

UniToPatho is a dataset of annotated high-resolution hematoxylin and eosin stained images, comprising different histological samples of colorectal polyps, collected from patients undergoing cancer screening. The dataset is a collection of the most relevant patch images extracted from 292 whole-slide images. The DeepHealth UNITO team makes publicly available a total of **9536** patches classified according to the following labels:
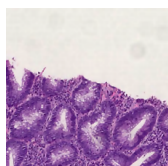
NORM - Normal tissue,
HP - Hyperplastic Polyp,
TA.HG - Tubular Adenoma, High-Grade dysplasia,
TA.LG - Tubular Adenoma, Low-Grade dysplasia,
TVA.HG - Tubulo-Villous Adenoma, High-Grade dysplasia,
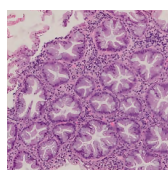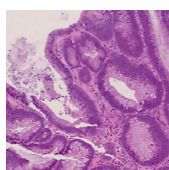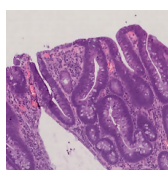**TVA.LG** - Tubulo-Villous Adenoma, Low-Grade dysplasia.

(a) NORM   (b) TA.LG   (c) TA.HG

(d) HP   (e) TVA.LG   (f) TVA.HG

The dataset is available at https://ieee-dataport.org/open-access/unitopatho [1].

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[1] *The dataset could not be stored in Zenodo due to size limit.*