

# Research partners

## Manchester Metropolitan University - Department of Computing and Mathematics

We cooperate with the Manchester Metropolitan University, Department of Computing and Mathematics, especially [Moi Hoon Yap's Visual Computing Lab](#). We work together on projects concerning skin images.

The researchers from Manchester Metropolitan University:

- work with us on image processing and deep learning projects
- promote our joint work in UK healthcare industry

## Stanford University - Department of Pathology

We cooperate with the Stanford University Department of Pathology, especially [M. Bogyo Lab](#). We work together on projects concerning Clostridium difficile infection and clustering bacteria response.

The researchers from Stanford University:

- suggest us important medical topics
- consult us on medical issues related to the research
- provide image databases and help create ground truth

## Chair of Pathomorphology UJCM

We cooperate with Jagiellonian University Medical College, [Chair of Pathomorphology](#), when conducting researches in the field of histopathology.

The specialists from CoP UJCM:

- consult us on medical issues related to our research
- help us in preparing the ground truth
- help us to assess the results from the medical point of view

## University Hospital in Krakow

We cooperate with [University Hospital in Krakow](#), when conducting researches in the field of histopathology.

The hospital:

- grants us access to histology slides (i.e., processed specimens ready to be scanned in order to

obtain input images)

## The National Synchrotron Radiation Centre SOLARIS

We cooperate with Jagiellonian University Synchrotron, [SOLARIS](#), when conducting researches in the field of anomaly detection in multivariate diagnostic signals.

The NSRC SOLARIS:

- gives us an access to diagnostic data to analyze
- provides us with expertise on accelerator physics related to our research

## APTIV

## Centrum Leczenia Nowotworów Skóry i Czerniaka Szpitala Wojskowego w Krakowie

We cooperate with three dermatologists who provide us with unusual image labels for skin lesions and advise us about the current directions in dermatology that are worth exploring.

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