

# What is the PathoTrainer ?

Pathotrainer is a dedicated tool for creating virtual spaces in which digital pathology education, data collection, and testing of pathologists with or without AI support can take place.

Building, training, re-training, tuning and testing **histopathologic tests, scoring systems and AI's** is made easy and scalable.

It is intended for use by Pharmaceutical companies, departments of pathology, research institutes, diagnostic AI companies, universities and quality control organisations.

It is intended for use by students, researchers, scientists and teachers in (bio-)medical science, histology, cytology, histopathology.

You can use it for

- design, development and validation of new scoring algorithms/systems
- spreading awareness of biomarker scoring algorithm via live classes and independent self-directed courses
- training and retraining a scoring algorithm/system
- tuning for an existing scoring algorithm/system (e.g. HER2 scoring system)
- ring studies and surveys

Pathotrainer can guide you through the whole process from design to validation of a scoring method.

In the pathotrainer software four roles have been defined:

- **user / trainee**: you are a participant in a session that was setup for you.
- **trainer / supervisor**: you are leading a session. You can guide all the participant through the training from start to end
- **project owner**: you can setup a project and sessions. You can add content to the project and facilitate sessions, from invitations of participants to facilitate analysis of all data captured during the sessions in your project(s).
- **administrator**: you are responsible for the complete setup of the pma.control software. You are responsible for all user administration including role-assignment.

## Suggested reading:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3795863/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6927897/>

<https://www.nature.com/articles/s41374-018-0057-0>

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