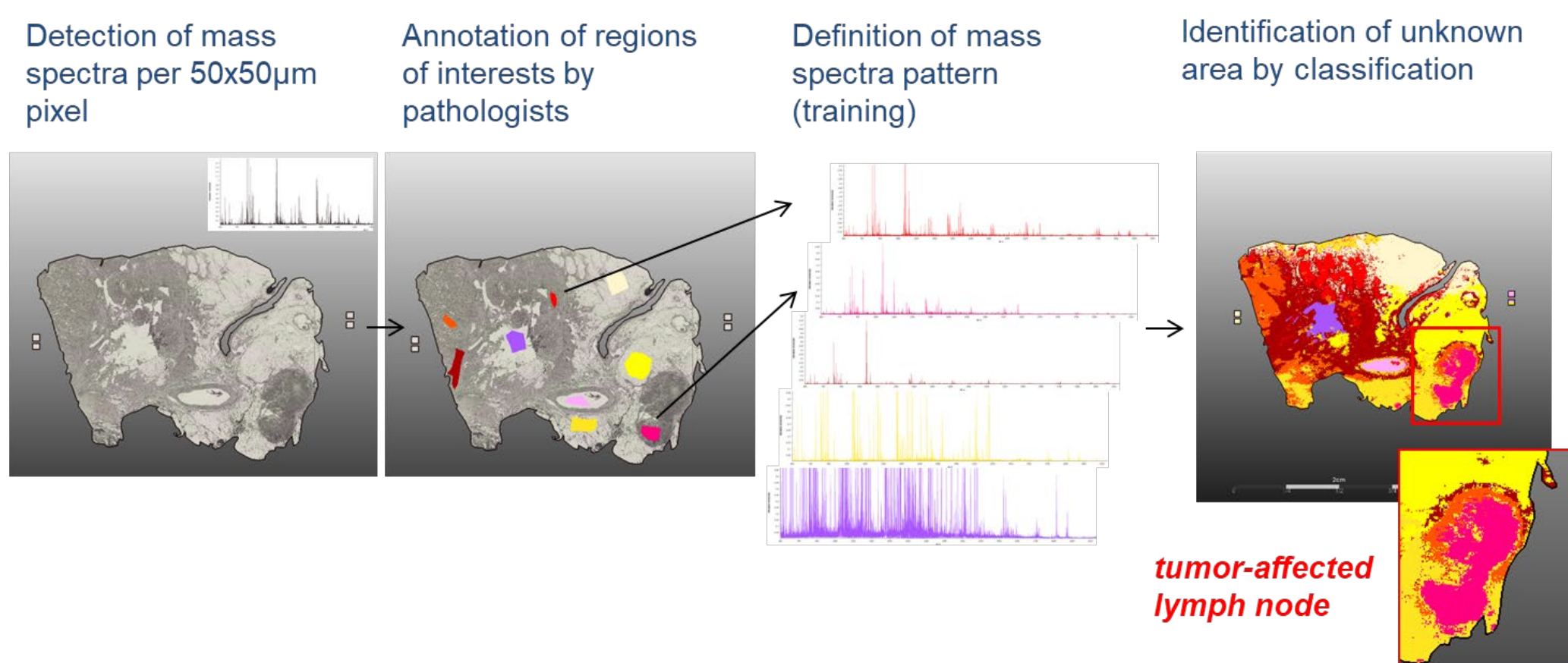


# *Development in mass spectrometry imaging for tumor diagnostics and research*



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## DKTK SCHOOL OF ONCOLOGY – ONLINE SEMINAR

**September 30, 2021 at 5.00 pm**

Speaker:

**Pia Hönscheid**, *Institute of Pathology Dresden, MALDI Imaging Unit at NCT Dresden, DKTK partner site Dresden*

New achievements in high-sensitivity and deep imaging have been reached in the last decade. Spatial single-cell analysis in combination with high-end proteomics opens up new possibilities for therapy development, drug uptake and response studies, and new diagnostic strategies when translated into clinical practice. By using e.g. MALDI imaging in pathological assessment, the combination of translational cancer research and routine clinical work has reached a new level of "team play".

Topics that will be covered in the seminar:

- Mass spectrometry used in the clinic and translational research
- MALDI imaging, state of the art diagnostic tool and future prospects
- The big issue: handling image and mass spectra data sets (software and storage)
- Insides into a mass spectrometry imaging laboratory

**Registration:**

<https://terminplaner4.dfn.de/QKU7hY3KXxiz3g91>

*Dial-in data for the VC will be sent to registered participants shortly before the event.*

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