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Diagnostic challenges of today's lung cancer pathology: personalizing therapy by immunohistochemical and molecular biomarkers

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List of publications

Cohen D, Hondelink LM, Solleveld-Westerink N, et al. *Optimizing mutation and fusion detection in NSCLC by sequential DNA and RNA sequencing*. J Thorac Oncol. 2020 Jun;15(6):1000-1014.

Hondelink LM, Hüyük M, Postmus PE, et al. *Development and validation of a supervised deep learning algorithm for automated whole-slide programmed death-ligand 1 tumour proportion score assessment in non-small cell lung cancer*. Histopathology. 2022 Mar;80(4):635-647.

Hondelink LM, Jebbink M, Von der Thüsen JH, et al. *Real-world approach for molecular analysis of acquired EGFR tyrosine kinase inhibitor resistance mechanisms in NSCLC*. JTO Clin Res Rep. 2021 Nov 1;2(12):100252.

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Hondelink LM, Schrader AMR, Asri Aghmuni G, et al. *The sensitivity of pan-TRK immunohistochemistry in solid tumours: a meta-analysis*. Eur J Cancer. 2022 Sep;173:229-237.

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Song Q, Muller KE, Hondelink LM, et al. *Non-metastatic axillary lymph nodes have distinct morphology and immunophenotype in obese breast cancer patients at risk for metastasis*. MedRxiv. 2023 Apr 17:2023.04.14023288545.

Doeleman T, Hondelink LM, Vermeer MH, et al. *Artificial intelligence in digital pathology of cutaneous lymphomas: a review of the current state and future perspectives*. Semin Cancer Biol. 2023 Sep;94:81-88.

Curriculum vitae

Coornhert-gymnasium Gouda (2006 – 2011)

Bachelor Geneeskunde Universiteit Leiden (2011 – 2014)

Master Geneeskunde Universiteit Leiden (2016 – 2020)

PhD-kandidaat afdeling Pathologie Leids Universitair Medisch Centrum (2020 – 2021)

Arts in opleiding tot patholoog Leids Universitair Medisch Centrum (2021 – heden)

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