

COMPUTATIONAL PATHOLOGY SYMPOSIUM 2019

ORGANIZING COMMITTEE



Darren Treanor



Geert Litjens



Nasir Rajpoot



Jeroen van der Laak

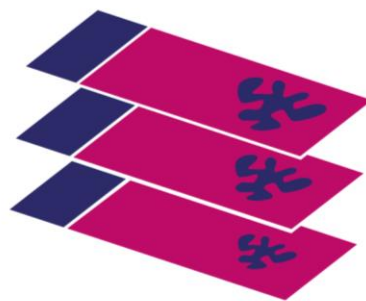


Radboudumc



SECTRA

Knowledge and passion



3DHISTECH



PHILIPS



COMPUTATIONAL PATHOLOGY SYMPOSIUM 2019 KEYNOTE

8.30 - 9.30 Thomas Fuchs, *Memorial Sloan Kettering Cancer Center, New York, USA*
Clinical-grade artificial intelligence: Hype or hope for cancer care

9.30 - 10.30 coffee break

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Roche



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COMPUTATIONAL PATHOLOGY SYMPOSIUM 2019

10.30 - 11.00 Yinyin Yuan, *Institute of Cancer Research, London, UK*

Deep learning the spatial and molecular heterogeneity of tumour immune response

11.00 - 11.30 Scott Doyle, *University at Buffalo, USA*

Building an AI School for Pathology: Workflow for Human-AI Interfaces

11.30 - 12.00 Jakob Kather, *Aachen University Hospital, Germany*

Predicting oncogenic driver mutations directly from histology with deep learning

12.00 - 14.45 coffee break

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COMPUTATIONAL PATHOLOGY SYMPOSIUM 2019 DIGITAL PATHOLOGY ASSOCIATION SESSION

14.45 - 15.25 Marilyn Bui, Moffitt Cancer Center, *Tampa, USA*

Embracing digital and computational pathology: A calling for pathologists as leaders in precision medicine

15.25 - 16.05 Liron Pantanowitz, *University of Pittsburgh, USA*

Embedding AI into Digital Pathology Workflows

16.05 - 16.45 Francesco Ciompi, *Radboud University Medical Center, Nijmegen, Netherlands*

Enhancing digital pathology with artificial intelligence

16.45 - 17.15 tea break



COMPUTATIONAL PATHOLOGY SYMPOSIUM 2019 ABSTRACTS (1)

17.15 - 17.30 Maschenka Balkenhol - **Deep learning enables fully automated mitotic density assessment in breast cancer histopathology**

17.30 - 17.45 Ilaria Jansen - **Automated grading of urothelial cell carcinoma of the bladder**

17.45 - 18.00 Ahmed Serag - **Unsupervised anomaly detection: application to colorectal liver metastasis**

18.00 - 18.15 Mieke Zwager - **Automated Ki67 hot-spot detection and analysis leads to higher Ki67 proliferation indices**

COMPUTATIONAL PATHOLOGY SYMPOSIUM 2019 ABSTRACTS (2)

18.15 - 18.30 Sybren Meijer - **U-Net ensembles for accurate classification of esophageal adenocarcinoma**

18.30 - 18.45 Peter Caie - **Artificial intelligence driving automated pathology: icaird and beyond**

17.45 - 18.00 Ahmed Serag - **Unsupervised anomaly detection: application to colorectal liver metastasis**

18.45 - 19.00 Filippo Fraggetta - **Implementation of the contextvision INIFY™ tool for the automatic detection of prostatic cancer in a fully digital routine workflow**