

Artificial Intelligence (AI) and AI-Enabling Technologies

Available for Licensing and co-development

<http://techtransfer.cancer.gov/availabletechnologies>

Lead Inventor	Title	Therapeutic Area	Reference #
Jared Gartner	Machine Learning Model for the Prioritization of Cancer Neopeptides	Oncology, AI	TAB-5023 E-022-2024-0
Jongwoo Kim	Using Artificial Intelligence to Diagnose Uveitis	Ophthalmic Disease	TAB-4992 E-005-2023-0
Zhengping Zhuang	Automatic System and Method for Tissue Sectioning, Staining, and Scanning	Oncology/ Neurology/ Infectious Diseases	TAB-4318 E-003-2022-0
Emily Chew	Using Artificial Intelligence to Predict the Risk Of Age-Related Macular Degeneration	Ophthalmic Disease	TAB-4995 E-057-2020-0
Robert Simpson	Mitotic Figures Electronic Counting Application for Surgical Pathology	Oncology	TAB-4186 E-097-2019-0
Zhengping Zhuang	Automated Digital pathology Device for High Throughput Demand	Oncology, Neurology, Infectious Diseases, AI	TAB-4184 E-084-2019-0
Robert Simpson	Automated Cancer Diagnostic Tool of Detecting, Quantifying and Mapping Mitotically-Active Proliferative Cells in Tumor Tissue Histopathology Whole-Slide Images	Oncology	TAB-4108 E-038-2019-0
Kapil Bharti	Machine Learning and/or Neural Networks to Validate Stem Cells and Their Derivatives for Use in Cell Therapy, Drug Delivery, and Diagnostics	Oncology, Dermatology, Cardiology, AI	TAB-4014 E-058-2018-0

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