BIBLIOGRAPHY

PUBLICATIONS AND CONFERENCE PRESENTATIONS

tissuecypher®
BARRETT'S ESOPHAGUS ASSAY

cernostics
PROVIDING DEEPER TISSUE INSIGHTS
www.cernostics.com

PEER-REVIEWED **LITERATURE**

PUBLICATION	YEAR	AUTHOR	TITLE
American Journal of Gastroenterology	2020 (In Press)	Frei NF, Khoshiwal AM, Konte K, Bossart EA, Stebbins K, Zhang Y, Pouw RE, ten Kate FJW, Seldenrijk CA, Meijer SL, Critchley-Thorne RJ, Bergman JJ	**A Tissue Systems Pathology Test Objectively Risk Stratifies Barrett's Esophagus Patients with Low-grade Dysplasia.** *Link to come*
Endoscopy International Open	2020 (In Press)	Diehl DL, Khara HS, Akhtar N, Critchley-Thorne RJ.	**The TissueCypher Barrett's Esophagus Assay Impacts Clinical Decisions in the Management of Patients with Barrett's Esophagus.** *Link to come*
Clinical and Translational Gastroenterology	October 2020	Frei NF, Konte K, Bossart EA, Stebbins K, Zhang Y, Pouw RE, Critchley-Thorne RJ, Bergman JJ	**Independent Validation of a Tissue Systems Pathology Assay to Predict Future Progression in Non-Dysplastic Barrett's Esophagus: A Spatial-Temporal Analysis**
American Journal of Gastroenterology	2020	Davison JM, Goldblum J, Grewal US, McGrath K, Fasanella K, Deitrick C, DeWard AD, Bossart EA, Hayward SL, Zhang Y, Critchley-Thorne RJ, Thota PN	**Independent Blinded Validation of a Tissue Systems Pathology Test to Predict Progression in Patients with Barrett's Esophagus**
ClinicoEconomics and Outcomes Research	2019	Hao J, Critchley-Thorne RJ, Diehl DL, Snyder SR	**A Cost-Effectiveness Analysis of an Adenocarcinoma Risk Prediction Multi-Biomarker Assay for Patients with Barrett's Esophagus**
Methods in Molecular Biology	2018	DeWard AD, Critchley-Thorne RJ	**Systems Biology Approaches in Cancer Pathology**
Translational Cancer Research	2017	DeWard AD, Critchley-Thorne RJ	**Signatures of Field Cancerization: A Step Towards Earlier Detection of Esophageal Adenocarcinoma**
Cancer Epidemiology, Biomarkers & Prevention	2017	Critchley-Thorne RJ, Davison JM, Prichard JW, Reese LM, Zhang Y, Repa K, Li J, Diehl DL, Jhala NC, Ginsberg GG, DeMarshall M, Foxwell T, Jobe BA, Zaidi AH, Duits LC, Bergman JJ, Rustgi A, Falk GW	**A Tissue Systems Pathology Test Detects Abnormalities Associated with Prevalent High-Grade Dysplasia and Esophageal Cancer in Barrett's Esophagus**
Medical Laboratory Observer	2016	DeWard AD, Critchley-Thorne RJ	**Individualized Risk Prediction in Barrett's Esophagus**
Cancer Epidemiology, Biomarkers & Prevention	2016	Critchley-Thorne RJ, Duits LC, Prichard JW, Davison JM, Jobe BA, Campbell BB, Zhang Y, Repa KA, Reese LM, Li J, Diehl DL, Jhala NC, Ginsberg G, DeMarshall M, Foxwell T, Zaidi AH, Lansing Taylor D, Rustgi AK, Bergman JJ, Falk GW	**A Tissue Systems Pathology Assay for High-Risk Barrett's Esophagus**
Journal of Pathology Informatics	2015	Prichard JW, Davison JM, Campbell BB, Repa KA, Reese LM, Nguyen XM, Li J, Foxwell T, Lansing Taylor D, Critchley-Thorne RJ	**TissueCypher™: A Systems Biology Approach to Anatomic Pathology**

Journal of Pathology Informatics	2011	Nederlof M, Watanabe S, Burnip B, Lansing Taylor D, Critchley-Thorne RJ	**High-Throughput Profiling of Tissue and Tissue Model Microarrays: Combined Transmitted Light and 3-Color Fluorescence Digital Pathology**

PRESENTATIONS

PUBLICATION	YEAR	AUTHOR	TITLE	LINK
American Journal of Gastroenterology	2019	Frei NF, Konte K, Bossart EA, Zhang Y, Critchley-Thorne RJ, Pouw RE, Bergman JJ	**POSTER PRESENTATION AT ACG 2019 ANNUAL MEETING, SAN ANTONIO, TX** **P0269 - Evaluation of Additional Spatial and Temporal Information Increases the Overall Accuracy of an Objective Risk Prediction Assay in Patients with Non-Dysplastic Barrett's Esophagus**	https://journals.lww.com/ajg/Fulltext/2019/10001/Evaluation_of_Additional_Spatial_and_Temporal.371.aspx
American Journal of Gastroenterology	2019	Frei NF, Konte K, Bossart EA, Zhang Y, Critchley-Thorne RJ, Pouw RE, Bergman JJ	**POSTER PRESENTATION AT ACG 2019 ANNUAL MEETING, SAN ANTONIO, TX** **P0270 - An Automated, Quantitative Multiplex Immunofluorescence Assay Accurately Risk Stratifies Barrett's Esophagus Patients with a Community-Based Diagnosis of Low-Grade Dysplasia at a Rate Comparable to Expert Pathologists**	https://journals.lww.com/ajg/Fulltext/2019/10001/An_Automated,_Quantitative_Multiplex.372.aspx
United European Gastroenterology Journal	2019	Frei NF, Konte K, Bossart EA, Zhang Y, Critchley-Thorne RJ, Pouw RE, Bergman JJ	**POSTER PRESENTATION AT UEG WEEK 2019, BARCELONA, SPAIN** **An Automated, Quantitative Multiplex Immunofluorescence Assay Accurately Risk Stratifies Barrett's Esophagus Patients with a Community-Based Diagnosis of Low-Grade Dysplasia at a Rate Comparable to Expert Pathologists**	https://ueg.eu/library/an-automated-quantitative-multiplex-immunofluorescence-assay-accurately-risk-stratifies-barretts-esophagus-patients-with-a-community-based-diagnosis-of-low-grade-dysplasia-at-a-rate-comparable-to-expert-pathologists/209769
Gastroenterology	2019	Davison JM, Goldblum J, Grewal US, McGrath K, Deitrick C, DeWard AD, Bossart EA, Hayward SL, Zhang Y, Critchley-Thorne RJ, Thota PN	**PODIUM PRESENTATION AT DDW 2019, SAN DIEGO** **1068 - Independent Validation of a Tissue Systems Pathology Test to Predict Progression in Barrett's Esophagus Patients**	https://www.gastrojournal.org/article/S0016-5085(19)37353-6/abstract
Gastrointestinal Endoscopy	2018	Diehl DL, Khara HS, Akhtar N, Critchley-Thorne RJ	**POSTER PRESENTATION AT DDW 2018, WASHINGTON DC** **Su1109 - Clinical Experience with a Multiplexed Immunofluorescence Tissue Biomarker Assay (Tissue Cypher BE) in the Management of Barrett's Esophagus: A Single Center Experience**	www.giejournal.org/article/S0016-5107(18)31867-4/abstract

PRESENTATIONS

PUBLICATION	YEAR	AUTHOR	TITLE	LINK
Gastroenterology	2016	Critchley-Thorne RJ, Duits LC, Prichard JW, Davison JM, Jobe BA, Campbell B, Zhang Y, Repa K, Reese L, Li J, Diehl DL, Jhala NC, Ginsberg GG, DeMarshall M, Foxwell T, Zaidi AH, Lansing Taylor D, Rustgi AK, Bergman JJ, Falk GW	**PODIUM PRESENTATION AT DDW 2016, SAN DIEGO** **301 - A Novel Tissue Systems Pathology Test Predicts Progression in Barrett's Esophagus Patients**	https://www.gastrojournal.org/article/S0016-5085(16)30347-X/abstract
Gastroenterology	2016	Critchley-Thorne RJ, Davison JM, Prichard JW, Li J, Diehl DL, Reese L, Zhang Y, Jhala NC, Ginsberg GG, DeMarshall M, Foxwell T, Jobe BA, Zaidi AH, Duits LC, Bergman JJ, Rusgti AK, Falk GW	**POSTER PRESENTATION AT DDW 2016, SAN DIEGO** **Sa1257 - A Tissue Systems Pathology Test Detects a Field Effect Associated with High Grade Dysplasia and Esophageal Cancer in Barrett's Esophagus Patients**	www.gastrojournal.org/article/S0016-5085(16)30928-3/abstract
Value in Health	2016	Hao J, Snyder SR, Pitcavage JM, Critchley-Thorne RJ	**PODIUM PRESENTATION AT ISPOR 2016, WASHINGTON DC** **CN4 - A Cost-Effectiveness Analysis of a Test That Predicts Risk of Malignant Progression in Barrett's Esophagus**	www.valueinhealthjournal.com/article/S1098-3015(16)00113-3/abstract
Gastroenterology	2016	Hao J, Snyder SR, Pitcavage JM, Critchley-Thorne RJ	**POSTER PRESENTATION AT DDW 2016, SAN DIEGO** **Sa1261 - A Cost-Effectiveness Analysis of a Cancer Risk Prediction Test for Patients with Barrett's Esophagus**	www.gastrojournal.org/article/S0016-5085(16)30932-5/abstract
Modern Pathology	2015	Davison JM, Prichard J, Campbell B, Repa K, Reese L, Nguyen XM, Foxwell T, Li J, Diehl D, Barley M, Falk G, Jhala N, DeMarshall M, Bergman J, Duits L, Jobe B, Zaidi A, Zhang Y, Critchley-Thorne RJ	**POSTER PRESENTATION AT USCAP 2015, BOSTON** **611 - Quantitative Multiplexed Biomarker and Morphology Analysis To Aid Diagnosis of Dysplasia in Barrett's Esophagus**	https://doi.org/10.1038/modpathol.2015.15

Cernostics, Inc.
(412) 820-3050
MKTG1018 Rev E - 110220

235 William Pitt Way
Building B1
Pittsburgh, PA 15238

cernostics
PROVIDING DEEPER TISSUE INSIGHTS
www.cernostics.com