Welcome to 2020 Alliance Members!

The Alliance **Truthing working group** is supporting the High Throughput Truthing Project that is collecting pathologist annotations of tumor-infiltrating lymphocytes (TILs) in breast cancer for the evaluation of algorithms. A data-collection event is planned for Feb. 28 in Los Angeles, CA, concurrent with day two of our next meeting. Details attached and below.

We need help recruiting board-certified anatomic pathologists and residents that you know that may be willing to score tumor infiltrating lymphocytes for approximately 30 minutes. In addition, we are also looking for 2-3 helping hands to help with setting up and orchestrating the data collection, and equipment loans (4 monitors and 2 microscopes) to avoid the risks and costs of shipping equipment.

- Please share this email with your colleagues and network that might be interested and willing, especially those in and around Los Angeles California.
- To offer your help to the study organizers or to get more information please contact digipathalliance@gmail.com.

We are also planning to do a WebEx to demonstrate the data collection and give a project overview. Alliance members will be invited as will any pathologist that signs up for the data collection (Link to signup form).

Don't forget to spread the word about the Alliance. Invite your colleagues to join and come to our meeting Feb. 27-28 in LA before USCAP. (Info in attached email).

All the best,

The Alliance

https://digitalpathologyalliance.org/

Recruiting Pathologists to Truth Images

Preceding USCAP

Researchers from the U.S. Food and Drug Administration, alongside academic colleagues, are collecting pathologist annotations as data for AI/ML algorithm validation for tumor infiltrating lymphocyte (TIL) detection and quantitation. We are asking you to score 80 ROIs as part of a research study. We anticipate that this task will take you 30 minutes plus intake and training that can be done ahead of time. The data are intended to inform the agency's approach to novel algorithm validation, ensuring high quality commercial products with a faster FDA-pipeline to approval.

Specifically, you will be presented pre-selected fields of view (FOV) digitally or on a microscope (Figure 1). For each FOV, you will enter the tumor-associated stromal TIL density, which is a number from 0-100. Once you have determined stromal TIL density for each FOV, you will type or click the value using the software's guided user interface (Figure 2). Please see the attached PDF document for study training materials on TIL density evaluations which may be completed ahead of time.
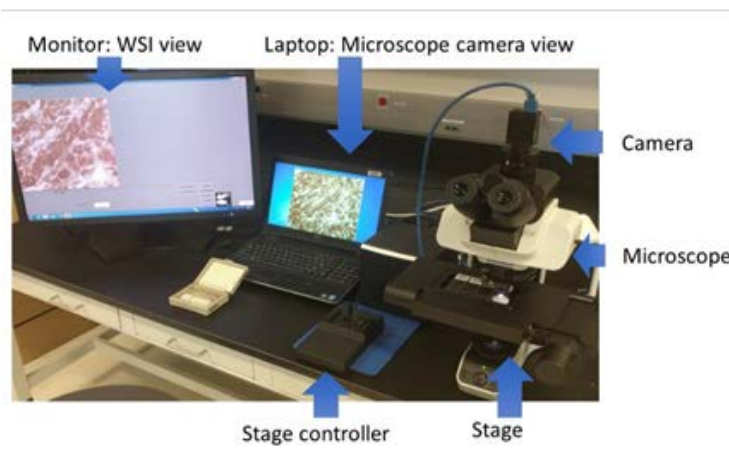

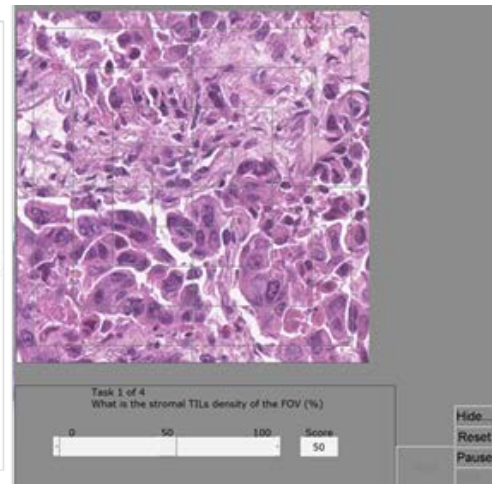Figure 1: Microscope Setup. Computer controlled stage automatically navigates to next FOV.

Figure 2: Data capture system for TIL evaluation with slider bar or keyboard data entry.

Please complete this form to sign up for data collection and a WebEx demonstrating the data collection.

In co-operation with a meeting of the Alliance for Digital Pathology

All the best,

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FDA/CDRH/OSEL Division of Imaging, Diagnostics, and Software Reliability

on behalf of the High-Throughput Truthing (HTT) Project

This announcement with more information about the project (including training materials) can be downloaded from

- https://ncihub.org/groups/eedapstudies/wiki/HighThroughputTruthingYear3/File:HTTatUSCAP.pdf