Brandon D. Gallas, PhD
Division of Imaging, Diagnostics, and Software Reliability
Office of Science and Engineering Laboratories
Center for Devices and Radiological Health
10903 New Hampshire Ave
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Silver Spring, MD 20993

October 18, 2018

Dear Brandon:

As the Senior Director of the American College of Radiology (ACR) Data Science Institute (DSI), I am writing this letter on behalf of the ACR in strong support of your proposal, High-throughput truthing of microscope slides to validate artificial intelligence algorithms analyzing digital scans of same slides: data (images + annotations) as an FDA-qualified medical device development tool (MDDT). The goal of the proposal is to qualify a set of pathology images and annotations as a medical device development tool (MDDT) so that algorithm developers can use the data as a validation data set for FDA submission. The goal is directly in keeping with the plans that the ACR DSI has for creating validation datasets for medical imaging. Our hope is that we can collaborate with you in this space to create radiology\pathology validation datasets for common use cases. Such a collaboration would provide a very powerful mechanism for advancing artificial intelligence algorithms in a clinical setting to improve patient care.

We hope that your proposal is funded, and we are looking forward to future collaborations on this topic with the ACR.

Sincerely,

Laura P Coombs

Laura Coombs, PhD
Senior Director, Informatics and Data Science Institute
American College of Radiology

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