



105TH Scientific Assembly and Annual Meeting

December 1-6 | McCormick Place, Chicago

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AI050

NCI Crowds Cure Cancer: Help Annotate Data from the Cancer Imaging Archive

All Day Room: AI Community, Learning Center

Program Information

Attendees at this year's RSNA meeting are encouraged to participate in an exciting activity that will provide valuable data to cancer researchers working in deep learning, radiomics and radiogenomics. This booth offers radiologist attendees an opportunity to participate in a 'crowd-sourcing' experiment to accelerate quantitative imaging research. Images are provided by The National Cancer Institute's Cancer Imaging Archive (<http://www.cancerimagingarchive.net/>), which is a massive public-access resource of cancer radiology images linked to genetic/proteomic, pathology images and clinical data. Many of these cases lack the tumor-location labels needed by computer scientists to jump-start their work on machine learning and quantitative imaging radiomics. Participants will be asked to spend a few minutes anonymously reviewing cases and visually marking their tumor locations. Upon completion, they will receive a ribbon to add to their RSNA badge acknowledging their participation. The data resulting from this process is being openly shared on TCIA at <https://doi.org/10.7937/K9/TCIA.2018.OW73VLO2> (2017) and <https://doi.org/10.7937/TCIA.2019.yk0gm1eb> (2018). Participants will be asked to spend a few minutes anonymously reviewing cases and visually marking their tumor locations at <https://www.crowds-cure.org/>.

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