Fw: SPAN: Yale TTC analysis Assignment due 7/22/21

From:

Hi Ali ,

Dr. Sansing has identified you as the Yale investigator who will be outlining the assigned TTC scans. We are writing to kindly ask for your help in validating our image analysis pipeline by providing manual segmentations of brain and lesion extent from our TTC-stained tissue images. LONI has built an online tool for drawing outlines, and there are about 140 single coronal slices stained with TTC that we ask each site to help annotate. You can follow the link below and use the given username and password to login:

<url> :

> From:
>
> www.spinhub.io/span-colab-10081

<username>:
span
<password>:
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There is an instructional video on the site that describes and demonstrates how to use the tool. Some slices may be poorly stained or have missing parts. Please use your best judgement in defining the brain and lesion outlines, like when you are measuring infarct volumes for your own projects. Whatever rules you follow when outlining the slices, please apply to all brains. If there is no lesion, you can skip that label, but every image should have at least a brain label. You may also label any other features that you find relevant using a custom label. Your work will be saved automatically to the server, so you won't have to worry about sending results back to us. **Please let the coordinating center know when you are finished with the task.** It should take 30 seconds to 1 minute per image, so the task should take less than two hours. If you leave the site, you can return and find your previous work, but you will need to skip ahead to the image where you left off.

If you have any questions you can email Ryan Cabeen at rcabeen@loni.usc.edu. Your help with this is very much appreciated!

Best wishes,
the CC

From: **Karisma A Nagarkatti** | nagarkat@usc.edu   Friday, Jul 16, 8:14 AM

To: **cayata@mgh.harvard.edu** | cayata@mgh.harvard.edu, **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Hi Dr. Ayata and Ryan,

Yale has finished outlining their assigned TTC images.
Thanks,
Karisma

> From: **Herman** | ali.herman@yale.edu   To: **Karisma A Nagarkatti** | nagarkat@usc.edu   Thursday, Jul 15, 6:13 PM
>
> Hi Karisma and Jessica,
>
> I finished outlining the assigned images.
>
> Best,
> Ali

> From: **Karisma A Nagarkatti** | nagarkat@usc.edu   To: **Herman**   Friday, Jul 9, 6:28 PM
>
> Hi Ali,
>
> I am forwarding your message to Dr. Ayata and Ryan as they drafted the instructions. I will include you on the message
>
> Thanks for your help and for getting to this so quickly,
> Karisma

>> From: **Herman** | ali.herman@yale.edu   To: **Karisma A Nagarkatti** | nagarkat@usc.edu   Friday, Jul 9, 2:22 PM
>>
>> Sorry, I see that there's a hemorrhage field, but I don't think the instructions mention using it.

>>> From: **Herman** | ali.herman@yale.edu   To: **Karisma A Nagarkatti** | nagarkat@usc.edu   Friday, Jul 9, 5:21 PM
>>>
>>> Thanks, Karisma! I'm working on it now, and the instructions mention you can use free text to outline other notable aspects of the image. Would it be helpful to outline where I see hemorrhagic transformation or is that not useful for validating the pipeline at this stage?

>>>> From: **Karisma A Nagarkatti** | nagarkat@usc.edu   To: **Herman**   Friday, Jul 9, 12:30 PM
>>>>
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> From:

From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu   Friday, Jul 16, 3:14 PM

To: **cayata@mgh.harvard.edu** | cayata@mgh.harvard.edu, **Karisma A Nagarkatti** | nagarkat@usc.edu

Thanks Karisma, great to hear! I checked the server, and we now have 753 annotations from the total of 1424 assigned — seems like good progress

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

University of Southern California

2025 Zonal Ave.

Los Angeles, CA 90033

Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

Web: cabeen.io

www.ini.usc.edu

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