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IN-TRAC Hour August 2023 Events

all times Central

Thursday, August 3

Journal Club

[Join Zoom here](#)

12-1pm

Thursday, August 10

Thursday Interactive Hour

Dhiraj Singh, Ph.D.

“ Δ sigH, an attenuated Mycobacterium tuberculosis Mutant, prevents tuberculosis via efficient antigen presentation and iBALT formation”

Zoom/Denney multipurpose room

[Register for Zoom here](#)

12-1pm

Thursday, August 17

Journal Club

[Join Zoom here](#)

12-1pm

Thursday, August 24

Regulatory Requirements working with Biohazards and Recombinant DNA (NIH Guidelines & DURC)

(1) Understand the requirements detailed in NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid

Molecules (NIH Guidelines)

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Concern (DURC)

Zoom/Denney multipurpose room

[Register for Zoom here](#)

12-1pm

Thursday, August 31

Speaking of Science Communication

Lisa Cruz, Vice President, Communications

Class participants will be able to better prepare for and develop effective scientific presentations and be able to communicate high level science to a more general audience.

Zoom/Denney multipurpose room

[Register for Zoom here](#)

12-1pm



IN-TRAC Participant Spotlight

Name: Riti Sharan

Job Title: Assistant Professor

Years at Texas Biomed: 4

Where I to school: Central Queensland University, Australia

What I hope to get out of IN-TRAC:

I hope to hone my skills as a TB researcher by utilizing the resources and collaborative research opportunities provided by IN-TRAC. I am keen to learn new imaging techniques such as PET/CT that will amplify my research with nonhuman primates. As a TB researcher, I am also keen to participate in community engagement opportunities provided by the Development Core.

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TB research which I would otherwise not find the time to do, such as, the biosafety and biocontainment coursework, imaging technologies and clinical research aspects of TB. It is also an excellent platform to interact with my peers in TB research, both within the institute and outside. Additionally, I look forward to having access to the other TRACS from other institutes that will pave the way for new avenues to attend virtual seminars and network.

Why I got in to studying TB:

I have been intrigued by the human body from high school, especially the complex and diverse mechanisms by which it functions to defend against pathogens. Pursuing a career in biomedical research has been a childhood dream . My Ph.D. and post-doc training has been in respiratory infectious diseases. Coming from a highly TB endemic nation, and having seen first-hand, the impact of TB on human body, I leveraged my expertise of lung immunology to study the host-pathogen interactions in TB. By studying TB in the context of HIV co-infection, I aim to investigate host directed therapies aimed at reducing rates of latent TB infection.

Any tips or advice for new investigators:

It is important to ask the right questions to guide your research and never let failure stop you.

What I am reading or listening to:

“All the light we cannot see” by Anthony Doerr.

Interested in being our next participant spotlight?

E-mail Kolsen@txbiomed.org to fill out the form

You can find a variety of ways of acknowledging IN-TRAC and a form to submit any IN-TRAC related papers/abstracts/talks/honors/awards/grants on our webpage by clicking [here](#)



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