

TEDx CPS

x = independently organized TED event

We invite **you** to join our TED-style event **Wednesday September 30th** on innovations in hacking the immune system to treat and understand diseases. Our bodies are full of armies of cells that usually protect us, but what happens when they attack us and how can we manipulate them to treat everything from diabetes to COVID-19?

TED-talks are 18 min or shorter and aim to communicate interesting ideas to the broader population. You do not have to be a scientist to attend this event – only a little bit interested in being entertained and learning something new.

In the spirit of social distancing, the event will be live streamed via Teams. You can attend the whole event or maybe just pick one or two to watch. And if you have a burning question, you can ask it after each presentation.

Program

10:00-10:05

Welcome

10:05-10:25

**From the Archives to the Clinic:
Repurposing Drugs to Combat COVID-19**

How can existing drugs provide us with a shortcut to saving thousands of lives?

*Hilde Spierenburg, Dario Ferenko,
Daphne Roozendaal*

10:25-10:45

I've Got Your Bac

How bacteria boost tumour therapy.

Casper Pachocki, Eline Modder, Samson Bulsink

10:45-11:05

Diabetes Prevention: The Free Solution

How is type 1 diabetes influenced by gut microbiota, and why might breastmilk be the key to prevention?

Willa Elliot, Veerle Niessen, Boris Uitham

11:05-11:30

Break

11:30-11:50

It's All in Your Gut

How gut microbes cause and treat depression.

Johana Jarkulischová, Asta Holm

11:50-12:10

Can Healthy Cells Be Engineered to Destroy Self-destructive Cells?

In autoimmune diseases, your immune system makes mistakes and attacks your own body. It might be possible to erase the memory of these immune cells and restore balance.

Renee Metcalf, Wendy Boschloo

12:10-12:20

Closing remarks

How to Join

- To sign up, scan the QR code or enter this link: <https://tinyurl.com/tedxcps>.
- Fill in your details, and we will send you an invite to the event 15 minutes before the start.
- Make sure to have Microsoft Teams installed.

Remember to **turn your camera and microphone off** during the presentations.



We hope you enjoy our event!

Best regards, The College of Pharmaceutical Science students in the Advanced Immunology course at Utrecht University