



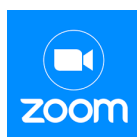
URI-2020

4th Annual Meeting of the EUCOR-Upper Rhine Immunology Group

PROGRAM

October 16, 2020

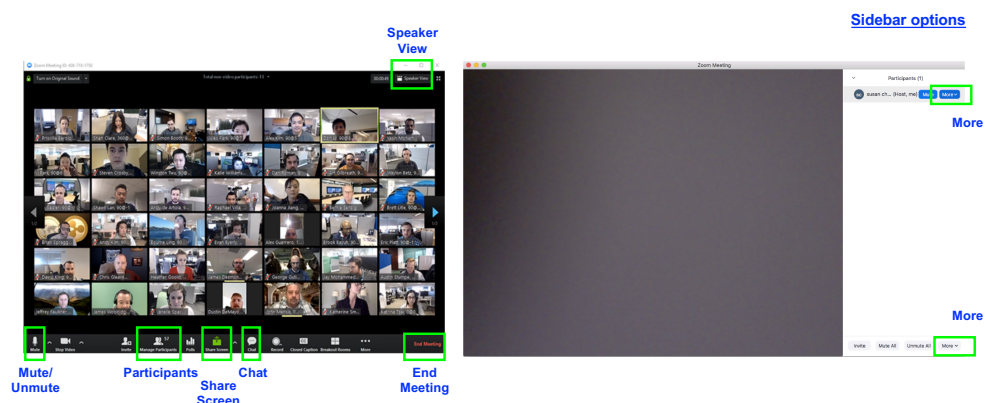




ZOOM INSTRUCTIONS

If you are a new user, please download Zoom when asked the first time you click on a link embedded in the URI program below.

**Each computer terminal can only open one Zoom session at a time.
You must Leave/End one meeting in order to enter another.**



FOR THE PARTICIPANTS

• Main Session:

- There will be one link for the Main Session all day. You can Leave/End the meeting (bottom left of screen) and re-enter anytime you wish with the same link.
- To see only the speaker, click Speaker View (upper right of screen).
- If you have a question for the speaker, there are 2 ways to ask. (i) Click Participants (bottom of screen) to open the sidebar, then click Raise Hand to get in the queue. (ii) Write, "I have a question. Your Name" in the Chat box (bottom of screen). In either case, the chairperson will call your name in the order that it is received. When called, please Unmute your microphone (bottom left of screen, or hold space bar to temporarily unmute). Then Mute your microphone again to avoid noise interference.

• Poster Sessions:

- Each poster will be associated with a unique link. Click on the link that interests you. (Sometimes you will be asked to enter the Passcode, depending on the configuration of the link.)
- The presenter should be repeating their flashtalk and Q&A period approximately every 5 minutes, so that you can visit several posters during the 30-minute session.
- If you have a question for the speaker, (i) Unmute your microphone to speak (bottom left of screen, or hold space bar to temporarily unmute), or (ii) click Participants (bottom of screen) to open the sidebar, and then click Raise Hand to get in the queue, or (iii) write your name in the Chat box (bottom of screen). Please Mute your microphone when finished.

FOR THE PRESENTERS

• Main Session:

- The chairperson will announce the name of the speaker, who will Unmute their microphone (bottom left of screen) and Share Screen (bottom of screen). After the presentation, the speaker should stop sharing screen for the Q&A.

- At the Q&A, the audience can (i) signal by clicking Participants (bottom of screen) to open the sidebar, and Raise Hand to get in the queue, or (ii) write in the Chat box (bottom of screen), if they have a question. The chairperson/host will be in charge of calling the person with the question, and helping them to Unmute their microphone (bottom left of screen). Remember to Mute each microphone when finished.

• **Poster Sessions:**

- Each poster will be associated with a unique link. The poster presenter should click on their specific link to enter. A Host will be waiting. That host will then designate you to be the Host of your own session for the next 30 minutes (open Participants at bottom of screen, and change Host in sidebar).
- It will be up to the poster presenter to interact with their audience.
- Please remember to Share Screen (bottom of screen) during the presentation, and stop sharing for the Q&A.
- For the Q&A, the participants will (i) ask directly, or (ii) click Participants (bottom of screen) to open the sidebar, and Raise Hand to get in the queue, or (iii) write their name in the Chat box (bottom of screen). In the latter case, please call on the questioner for their question.
- At the end of the session, click Leave/End Meeting (bottom left of screen) to close link, and choose End Meeting for All.

FOR THE ORGANIZERS

• **Main Session:**

- There will be one link for the Main Session all day. You can Leave/End the meeting and re-enter anytime you wish with the same link.
- Susan is the Host of the Main Session.
- For the chairpersons, Susan will designate the chairperson as Host during the chairperson's time. At the end of that period, the chairperson should **re-designate Susan as Host**. To do this, click Participants (bottom of screen) to open the sidebar, and re-name Susan as Host next to her name.
- The chairperson/Host should make sure that all microphones are muted except for that of the speaker. Click on the microphone icon (bottom left of screen) and Mute All. Then call on the Speaker to unmute their microphone.
- At the Q&A, the audience can (i) signal by clicking Participants (bottom of screen) to open the sidebar, and Raise Hand to get in the queue, or (ii) write in the Chat box (bottom of screen), if they have a question. The chairperson/Host will be in charge of calling the person with the question (Unmute the host microphone during the Q&A), and help the questioner Unmute their specific microphone. Remember to Mute each microphone when finished.
- Please stay on time!

• **Poster Sessions:**

- The organizer is responsible for opening their poster room.
- The organizer should open the link (leave Main Session first), and make sure that the poster presenter comes on. After that, the organizer can designate the poster presenter as Host during this person's presentation. To do this, click Participants (bottom of screen) to open the sidebar, and make the presenter the Host next to their name. The poster presenter can then Leave/End the meeting at the end of the session.
- To open another poster session, you have to Leave/End the previous meeting.

- **All the organizers who have scheduled URI meeting links should DELETE their Zoom reservations at the end of the day.**

*In case of problem, email:

Chris Mueller (c.mueller@ibmc-cnrs.unistra.fr)
or Susan Chan (chan@igbmc.fr)

URI-2020 PROGRAM October 16, 2020

09:15 Welcome and Introduction - Susan Chan & Chris Mueller
Main Session link (host Susan Chan)
<https://us02web.zoom.us/j/85893139776?pwd=RjRpdTJtSlhpQTIQa0RQN0VxZDJxdz09>
(Meeting ID: 858 9313 9776; Passcode: 319503)

09:30 Surprise Plenary Speaker

10:15-10:45 Poster Session 1 (8 rooms)

Morning Session Chair: Gennaro De Libero

- 11:00 *Tracking the Ikaros family dimers with Venus*
Marie-Céline DEAU (Lab Chan-Kastner), Strasbourg
- 11:15 *Protection of human cytomegalovirus (HCMV)-infected cells by virion-derived 'incoming' vFc γ Rs at initial stages of replication*
Katja HOFFMANN (Lab Hengel), Freiburg
- 11:30 *Coronin 1-mediated naive T cell survival independent of IL-7 or TCR*
Mayumi MORI (Lab Pieters), Basel
- 11:45 *Potential role of CD44 on immunoregulation in pre-metastatic niches of pancreatic cancer*
Leonel MUNOZ-SAGREDO (Lab Orian-Rousseau), Karlsruhe
- 12:00 *Neutrophils Extracellular Proteoglycofili (NEPs) degrade Shigella virulence factors and inhibit bacterial growth*
Antonin ANDRÉ (Lab Marteyn), Strasbourg

12:15-12:45 Poster Session 2 (7 rooms)

12:45 Meeting Break (30 minutes)

13:15-13:45 Poster Session 3 (7 rooms)

Afternoon Session 1 Chair: Anne Halenius

- 14:00 *Differences in BAFFR signaling and responses between naive and switched memory B-cells in humans*
Eirini SEVDALI (Lab Eibel), Freiburg
- 14:15 *Cell-intrinsic, interferon-independent immunity prevents viral persistence at the single-cell level and is accompanied by profound transcriptome changes*
Peter REUTHER (Lab Pinschewer), Basel

- 14:30 *The collagen network maintained by macrophages provides a niche for Staphylococcus aureus skin infection*
Benjamin VOISIN (Lab Nagao, NIH-USA), Strasbourg
- 14:45 *A new motif in the TCR promotes anti-cancer immunotherapy and allows modulation of T-cell activity*
Nadine WÖSSNER (Lab Minguet), Freiburg
- 15:00 *Patient-derived monoclonal antibodies against the acetylcholine receptor shed new light on pathomechanisms in myasthenia gravis*
Nicholas SANDERSON (Lab Derfuss), Basel

15:15-15:45 Poster Session 4 (7 rooms)

Afternoon Session 2
Chair: Wolfgang Schamel

- 16:00 *Renin-Angiotensin System is involved in embryonic emergence of hematopoietic stem cells*
Manuela TAVIAN (Lab Tavian), Strasbourg
- 16:15 *Ex vivo detection of SARS-CoV-2-specific CD8+ T cells: rapid induction, prolonged contraction, and formation of functional memory*
Isabel SCHULIEN (Lab Neumann-Haefelin), Freiburg
- 16:30 *No evidence for SARS-CoV-2 transcripts and disease exacerbation in COVID-19 multiple sclerosis brain*
Vidmante FUCHS (Lab Pröbstel), Basel
- 16:45 *Study of early Ab induction following HIV Infection, implication for vaccine design*
Julie LUCAS (Lab Moog), Strasbourg
- 17:00 *Metabolic macrophage tuning controls skin immunity*
Aaron James FORDE (Lab Henneke), Freiburg
- 17:15 *Plinabulin, a microtubule-targeting chemotherapy agent, directly influences M1-like macrophage polarization and anti-tumor immunity*
Marina NATOLI & Marta TRÜB (Lab Zippelius), Basel
- 17:30 Closing Remarks - Wolfgang Schamel

Posters

Poster Session 1 — 10:15 to 10:45

1) *Meet the Surprise Speaker (for students and postdocs)*

Meet the Speaker link (host Chris Mueller)

<https://us02web.zoom.us/j/4814453722?pwd=VIBNZGEyRUhSZWlId0ZVOHdReUdqUT09>

(Meeting ID: 481 445 3722; Passcode: 317063)

2) *Vitamin D3-elicited CD14+ human skin dendritic cells promote thymic stromal lymphopoietin-independent type 2 T-helper responses*

Vincent FLACHER (Lab Mueller), Strasbourg

Poster link (host Vincent Flacher)

<https://us02web.zoom.us/j/83147474248?pwd=anJqUW5hM3RUTEREZG5pd3ptOFFhQT09>

(Meeting ID: 831 4747 4248; Passcode: 620955)

3) *IL-10 - a double edged sword in the pathogenesis of systemic lupus erythematosus?*

Anais AMEND (Lab Chevalier), Freiburg

Poster link (host Anne Halenius)

<https://uni-freiburg.zoom.us/j/84562135850>

(Meeting ID: 845 6213 5850; Passcode: SE4+furQ0)

4) *Epitope engineering to protect cells from immunotoxin killing*

Anna DEVAUX (Lab Jeker), Basel

Poster link (host Gennaro De Libero)

<https://unibas.zoom.us/j/5168943681?pwd=dW11K3YyS1dsUWZPQlp4ajM0UzdVdz09>

(Meeting ID: 516 894 3681; Passcode: 13572468)

5) *Development of novel therapeutic options for inflammatory bowel diseases targeting autophagy dysfunctions*

Sruthi VIJAYA RETNAKUMAR (Lab Muller), Strasbourg

Poster link (host Benjamin Voisin)

<https://us02web.zoom.us/j/4100682134?pwd=dmYyNk1QMENYYUowdVYxb2wwdStLQT09>

(Meeting ID: 410 068 2134; Passcode: 423551)

6) *Modelling myeloid cell interaction with sensory neurons*

Clarissa-Laura DÖRING (Lab Henneke), Freiburg

Poster link (host Wolfgang Schamel)

<https://us02web.zoom.us/j/3636347125?pwd=VnVDTEVkk0NSdVg2UnhmUmRzZUwwQT09>

(Meeting-ID: 363 634 7125; Passcode: test)

7) *Exploring the miR-17~92 target network to enhance adoptive cell transfer therapies*

Marko HASIUK (Lab Jeker), Basel

Poster link (host Jean Pieters)

<https://unibas.zoom.us/j/99203793314?pwd=akq2blArNV11Vi9aaDhnUXdiMTY1dz09>

(Meeting ID: 992 0379 3314; Passcode: 905885)

8) *Tenascin-C orchestrates an immuno-suppressive tumor microenvironment through CCL21/CCR7 signaling*

Thomas LOUSTAU (Lab Orend), Strasbourg

Poster link (host Véronique Orian-Rousseau)

<https://kit-lecture.zoom.us/j/67677184635?pwd=VUhQbjA4eEcyV0lieIRBb0NTWEhxdz09>

(Meeting ID: 676 7718 4635; Passcode: 284868)

Poster Session 2 — 12:15 to 12:45

9) *Contribution of CD44 to the pancreatic tumor microenvironment*

Yvonne HENEKA (Lab Orian-Rousseau), Karlsruhe

[Poster link](#) (host Anne Halenius)

<https://uni-freiburg.zoom.us/j/83770564989>

(Meeting ID: 837 7056 4989; Passcode: 8\$\$e.1tsA)

10) *Design of an innovative device based on 3D organoids derived from patients' lung cancer reconstituting the tumor microenvironment for personalized medicine*

Helene LE (Lab Zaupa), Transgene, Illkirch-Graffenstaden

[Poster link](#) (host Vincent Flacher)

<https://us02web.zoom.us/j/82785802186?pwd=SnlsRjdwRmtzbUNDVm1ESE1XWE9ZZz09>

(Meeting ID): 827 8580 2186; Passcode: 160302)

11) *A novel 3D culture model for primary macrophages*

Stephan SCHWER (Lab Henneke), Freiburg

[Poster link](#) (host Véronique Orian-Rousseau)

<https://kit-lecture.zoom.us/j/67677184635?pwd=VUhQbjA4eEcyV0lieIRBb0NTWEExhdz09>

(Meeting ID: 676 7718 4635; Passcode: 284868)

12) *A human cytomegalovirus (HCMV)-encoded glyco-protein, RL11/gp34, antagonizes CRP-activation of Fc γ RI/CD64*

Anna HENNING (Lab Hengel), Freiburg

[Poster link](#) (host Wolfgang Schamel)

<https://us02web.zoom.us/j/3636347125?pwd=VnVDTEVkk0NSdVg2UnhmUmRzZUwwQT09>

(Meeting-ID: 363 634 7125; Passcode: test)

13) *Designing T cells resistant to calcineurin inhibitors for cellular immunotherapies*

Emmanuelle LANDMANN (Lab Jeker), Basel

[Poster link](#) (host Chris Mueller)

<https://us02web.zoom.us/j/4814453722?pwd=VIBNZGEyRUhSZWlld0ZVOHdReUdqUT09>

(Meeting ID: 481 445 3722; Passcode: 317063)

14) *Comparison of HIV vaccine-induced antibody response in Caucasians versus Africans*

Li-Yun LIN (Lab Moog), Strasbourg

[Poster link](#) (host Benjamin Voisin)

<https://us02web.zoom.us/j/4100682134?pwd=dmYyNk1QMENYYUowdVYxb2wwdStLQT09>

(Meeting ID: 410 068 2134; Passcode: 423551)

15) *Characterising lung mucosal antibody responses against Tuberculosis in mice and men*

Clemens HERMANN (Lab King), Basel

[Poster link](#) (host Jean Pieters)

<https://unibas.zoom.us/j/97457220672?pwd=cUh5VVJ0VW4zQWEraTBtcEpGMFVKUT09>

(Meeting ID: 974 5722 0672; Passcode: 158915)

Poster Session 3 — 13:15 to 13:45

- 16) Commensal specific T cell immunity following postnatal colonisation**
Ramona ECKERT (Lab Henneke), Freiburg
[Poster link](#) (host Anne Halenius)
<https://uni-freiburg.zoom.us/j/86168207538>
(Meeting ID: 861 6820 7538; Passcode: REs5k%CqU)
- 17) Role of IRE1-alpha R594C mutant in lymphocyte homeostasis and in the development of autoimmunity**
Quentin REUSCHLÉ (Lab Soulas Sprauel), Strasbourg
[Poster link](#) (host Vincent Flacher)
<https://us02web.zoom.us/j/88135700929?pwd=c1pOZnlvUi83dm1SYkRQN2dvYXhUZz09>
(Meeting ID: 881 3570 0929; Passcode: 358713)
- 18) Granuloma formation and macrophage differentiation during mycobacterial infections**
Jana NEUBER (Lab Henneke), Freiburg
[Poster link](#) (host Véronique Orian-Rousseau)
<https://kit-lecture.zoom.us/j/67677184635?pwd=VUhQbjA4eEcyV0lieIRBb0NTWExhdz09>
(Meeting ID: 676 7718 4635; Passcode: 284868)
- 19) Cross-TCR antagonism revealed by optogenetically tuning the half-life of the TCR ligand**
Matias RUGGIERI (Lab Schamel), Freiburg
[Poster link](#) (host Wolfgang Schamel)
<https://us02web.zoom.us/j/3636347125?pwd=VnVDTEVkbK0NSdVg2UnhmUmRzZUwwQT09>
(Meeting-ID: 363 634 7125; Passcode: test)
- 20) Identification of the coronin 1 interactome in T lymphocytes**
Haiyan ZHANG (Lab Pieters), Basel
[Poster link](#) (host Jean Pieters)
<https://unibas.zoom.us/j/92659352393?pwd=RmFoN2pEamdxUGtLUGdiclNiNWU1Zz09>
(Meeting ID: 926 5935 2393; Passcode: 745653)
- 21) Development of a model to address the roles of tenascin-C in the acute phase of ANCA associated vasculitis**
Cherine ABOU FAYÇAL (Lab Orend), Strasbourg
[Poster link](#) (host Benjamin Voisin)
<https://us02web.zoom.us/j/4100682134?pwd=dmYyNk1QMENYYUowdVYxb2wwdStLQT09>
(Meeting ID: 410 068 2134; Passcode: 423551)
- 22) The role of intestinal macrophages in colitis associated with chronic granulomatous disease**
Zohreh MANSOORI MOGHADAM (Lab Henneke), Freiburg
[Poster link](#) (host Wolfgang Schamel)
<https://us02web.zoom.us/j/3636347125?pwd=aGg1VmNRUXo3TnBCYXNLM1hCS0xadz09>
(Meeting ID: 363 634 7125; Passcode: immunbio)

Poster Session 4 — 15:15 to 15:45

- 23) Are IKZF1 regulatory regions targets of mutations in human B lymphoblastic leukemia?**
Guillaume MOREL (Lab Chan-Kastner), Strasbourg
[Poster link](#) (host Benjamin Voisin)
<https://us02web.zoom.us/j/4100682134?pwd=dmYyNk1QMENYYUowdVYxb2wwdStLQT09>
(Meeting ID: 410 068 2134; Passcode: 423551)
- 24) Lipid-mediated regulation of TCR conformational changes and T cell activation**
Salma PATHAN-CHHATBAR (Lab Schamel), Freiburg
[Poster link](#) (host Anne Halenius)
<https://uni-freiburg.zoom.us/j/85799565785>
(Meeting ID: 857 9956 5785, Passcode: zmET4g6aq)
- 25) Chikungunya virus envelope protein E2 provides a targeting vector for antigen delivery to human dermal CD14+ dendritic cells**
Vincent FLACHER (Lab Mueller), Strasbourg
[Poster link](#) (host Vincent Flacher)
<https://us02web.zoom.us/j/82020552796?pwd=dmZiL1hvNmR4WTZaMWdBSGQxNmtDZz09>
(Meeting ID: 820 2055 2796; Passcode: 673560)
- 26) Dermal macrophages in mycobacterial granulomas: origin matters**
Florens LOHRMANN (Lab Henneke), Freiburg
[Poster link](#) (host Wolfgang Schamel)
<https://us02web.zoom.us/j/3636347125?pwd=VnVDTEVkJk0NSdVg2UnhmUmRzZUwwQT09>
(Meeting-ID: 363 634 7125; Passcode: test)
- 27) Pathogenic mycobacteria hijack the host interferon- γ -activated translational regulatory complex (GAIT) to dampen interferon- γ -mediated anti-mycobacterial responses in human macrophages**
Tan Hop HUYNH (Lab Pieters), Basel
[Poster link](#) (host Jean Pieters)
<https://unibas.zoom.us/j/95933229428?pwd=dFFoWmdNaTdNYVJYOXJ6OUFFdCtSUT09>
(Meeting ID: 959 3322 9428; Passcode: 496967)
- 28) Group B Streptococcus meningoenkephalitis: immune response involved in bacterial clearing and neuronal loss**
Vitka GRES (Lab Henneke), Freiburg
[Poster link](#) (host Véronique Orian-Rousseau)
<https://kit-lecture.zoom.us/j/67677184635?pwd=VUhQbjA4eEcyV0lieIRBb0NTWEExhdz09>
(Meeting ID: 676 7718 4635; Passcode: 284868)
- 29) Influence of vitamin D on macrophage differentiation and the pathogenesis of systemic lupus erythematosus**
Dalina SPRENGER (Lab Chevalier), Freiburg
[Poster link](#) (host Chris Mueller)
<https://us02web.zoom.us/j/4814453722?pwd=VIBNZGEyRUhSZWlld0ZVOHdReUdqUT09>
(Meeting ID: 481 445 3722; Passcode: 317063)

Affiliations



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