



# ESCMID

Study Group for  
Mycoplasma and Chlamydia  
Infections ESGMAC

## ESGMAC Newsletter, May 2025

### A Message from the ESGMAC Executive Committee

Dear ESGMAC Members,

After an exciting and fruitful ESCMID Global meeting in Vienna, where we could meet with many members of our Study Group, we now continue as a renewed ESGMAC Executive committee. After thanking Barbara Van Der Pol and Jørgen Jensen for their 4-year contributions, Mike Beeton joined us in the role of Science Officer. There is still one position vacant, that of the Treasurer. Therefore a new round of elections will in May, with the nomination phase, followed then in June by the election sensu stricto. Per country only one ExCom member is allowed. Thus, if you are interested to join and not from Switzerland, the Netherlands, UK or Finland, you can send an email to the ExCom to get nominated.

As usual the preparation for the next ESCMID Global started immediately after the past meeting with the request for session proposals by each Study Group. ESGMAC submitted 8 proposals of which 4 in collaboration with other Study groups. For details, please see below.

Feel free to circulate this newsletter among your peers and colleagues.

Kind regards from the Executive Committee,

Gilbert Greub, CH (Chair)  
Mirja Puolakkainen, FIN (Secretary)  
Vacant position (Treasurer)  
Mike Beeton, UK (Science Officer)  
Sylvia Bruisten, NL (Education Officer)

### Election of a new Executive Committee member

Since we need five ExCom members, there will be a new election in May 2025. Please let the committee know if you are interested in being an ExCom member.

The timeline for these elections is:

- Nomination phase: 19/05/2025 - 09/06/2025
- Election phase: 18/06/2025 - 02/07/2025
- The new Treasurer takes office after the election results have been published

Please do not forget to renew your ESCMID membership

### New ESGMAC members

We are very pleased that presently, May 2025, more than 400 persons are ESGMAC members. Please do not hesitate to convince your colleagues, who are not yet part of ESGMAC, to join us.

As members do not hesitate to provide input, for instance for new webinar ideas, and for any collaborative research that you envisioned.

### ESGMAC Webinars in 2025

Webinars will be organised covering topics chosen in order to increase current knowledge on *Chlamydia* and *Mycoplasma* infections, but also on the biology of these bacteria rather difficult to grow and to study.

#### **Upcoming webinar:**

**11 June 2025, at 11.30 AM to 1.30 PM CEST; organized by ESGMAC & ESGLI**  
*Legionella pneumophila*, *Chlamydia pneumoniae* and *Mycoplasma pneumoniae*:  
atypical pneumonia and extrapulmonary infection.

#### Moderators:

Gilbert Greub, ESGMAC, CHUV, Lausanne, Switzerland  
Diane Lindsay, ESGLI, NHS, Glasgow, Scotland, UK

11.30: Moderators: Welcome and introduction

11.45: **Extrapulmonary and atypical legionellosis**

**Dr. Sophie Jarraud**

French National Reference Center for Legionella, Lyon, France

12.15: ***Chlamydia pneumoniae*- atypical pneumonia and beyond**

**Dr. Mirja Puolakkainen**

Department of Virology, University of Helsinki and university hospital, Helsinki, Finland

12.45: ***Mycoplasma pneumoniae*: extrapulmonary manifestations**

**Dr. Patrick M. Meyer Sauter**

University Children's Hospital Zurich, Zürich, Switzerland

13.15: General discussion

13.30: Closure

Programmed dates of next webinars are:

**6 August 2025, 4 PM CEST**

**8 October 2025, 4 PM CET**

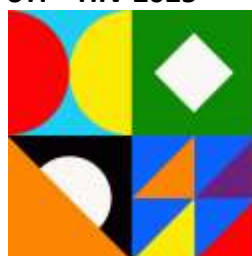
**10 December 2025, 4 PM CET**

Please, mark these dates in your calendar.

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## Conference announcements

### STI – HIV 2025



# STI&HIV2025

## WORLD CONGRESS

July 26–30, 2025 • Montreal, Canada

Previously known as ISSTD this meeting is the largest meeting of the STI research community. Several presentations on Chlamydia and Mollicutes have already been accepted for presentation.

### The 36<sup>th</sup> ESCMID Global meeting, Munich 17-21 April 2026

Session proposals by ESGMAC and proposals together with other Study Groups are listed:

Type	Title	Category
<b>Educational 2-hour session</b>	From Bench to Bedside: Advances in <i>Mycoplasma genitalium</i> Research and Clinical Management	2. Bacterial infection & disease
<b>2-hour symposium</b>	Current Status and Challenges in <i>Chlamydia</i> Vaccine Development	9. Fundamental microbiology, pathogenesis & immunity to infection
<b>1-hour symposium</b>	The fall and rise of <i>Mycoplasma pneumoniae</i> and <i>Chlamydia pneumoniae</i>	4. Diagnostic microbiology
<b>1-hour symposium</b>	Precision diagnostics: Advances in identifying Chlamydia trachomatis in ocular and STI infections including POCT and AMR	4. Diagnostic microbiology
<b>Submitted together with ESTISG 2-hour educational session</b>	Chemsex, HIV and STIs: an inapparent epidemic	1. Viral infection and disease
<b>Submitted together with ESGBOR 2-hour symposium</b>	Prokaryotic nomenclature: impact and reasons of changing a name	4. Diagnostic microbiology
<b>Submitted with ESGLI 2-hour symposium</b>	The intracellular lifestyle of <i>Mycoplasma</i> , <i>Chlamydia</i> and <i>Legionella</i> - pathogenesis and survival strategies	9. Fundamental microbiology, pathogenesis & immunity to infection
<b>Submitted together with ESGMAC and ESTISG 2-hour session</b>	Is there a future for DoxyPEP?	2. Bacterial infection & disease

ESTISG = ESCMID sexually transmitted infections study group

ESGBOR = ESCMID study group for Tick-Borne Diseases

ESGLI = ESCMID study group for *Legionella* infections

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### Open opportunities for ESGMAC members

**Call for Study Group Research Grants:** If you want to obtain the endorsement of the ESGMAC Executive Committee for a study group grant idea, please submit your project: see the guidelines on the ESCMID website and the deadlines for July 2025. Be sure to describe the study group members involved and the benefits expected for ESGMAC.

If several projects are submitted, the Executive Committee members will rate the projects and select the one to be endorsed by ESGMAC, considering among other criteria the impact of the project on the ESGMAC network.

### Highlighted Research Studies by ESGMAC Members

- **Evaluating methods for genome sequencing of *Chlamydia trachomatis* and other sexually transmitted bacteria directly from clinical swabs.**  
Büttner KA, Bregy V, Wegner F, Purushothaman S, Imkamp F, Roloff Handschin T, Puolakkainen MH, Hiltunen-Back E, Braun D, Kisakesen I, Schreiber A, Entrocassi AC, Gallo Vaulet ML, López Aquino D, Svidler López L, La Rosa L, Egli A, Rodríguez Fermepin M, Seth-Smith HM, On Behalf Of The Escmid Study Group For Mycoplasma And Chlamydia Infections Esgmac. Microb Genom. 2025 Feb;11(2).
- ***Chlamydia trachomatis* genomes from rectal samples: description of a new clade comprising *ompA*-genotype L4 from Argentina.**  
Büttner KA, Wegner F, Bregy V, Entrocassi AC, Gallo Vaulet ML, López Aquino D, La Rosa L, Svidler López L, Puolakkainen MH, Hiltunen-Back E, Imkamp F, Egli A, Seth-Smith HMB, Rodríguez Fermepin M, On behalf of the Escmid Study Group For Mycoplasma And Chlamydia Infections (ESGMAC). Microb Genom. 2025 Feb;11(2).
- **From coughs to complications: the story of *Chlamydia pneumoniae*.**  
Florian Tagini<sup>1,2</sup>, Mirja Puolakkainen<sup>3</sup>, Gilbert Greub<sup>1,2,\*</sup> and on behalf of the ESCMID Study Group for Mycoplasma and Chlamydia Infections (ESGMAC). Journal of Medical Microbiology 2025
- **A conserved Chlamydia-specific Type III Secretion System effector linked to stress response.**  
Kozusnik T, Kebbi-Beghdadi C, Ardisson S, Adams SE, Greub G. Microbiology (Reading). 2025 Apr;171(4):001545.