



INFECTIONS IN LUNG TRANSPLANTATION:

A network to meet the challenge



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Hotel NH
PALERMO

CHAIR:

Alessandra Mularoni

SCIENTIFIC DIRECTORS:

Alessandro Bertani
Paolo Antonio Grossi
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MAY
2024

**CME
Hybrid**



Lung transplantation is the therapy of choice for end-stage respiratory failure secondary to many severe chronic lung diseases. Despite improved survival rates over the last few decades, lung transplant recipients suffer high rates of infectious complications due to immunosuppression and to the graft's continuous exposure to the external environment.

Over the last 10 years, and all the more so after the COVID-19 pandemic, infections caused by MDR (Multi Drug Resistant) bacteria have spread in Italy, posing a serious threat and challenge in immunocompromised patients.

The congress will also address issues related to the management of fungal, viral, and rare infections that would benefit from shared management within a network in order to be better studied and addressed.

This is an **invitation to establish and develop a clinical and scientific network** that will share and review complex cases improving the diagnosis, treatment, and outcomes of patients with such diseases.

At the end of each session, the National Survey outcomes will be presented and discussed to review infectious disease management practices for lung transplant recipients, assess the state-of-the-art in Italy, and identify both strengths and areas of improvement.

The goal is to form working groups that are as **inclusive** as possible on the various topics discussed, share experiences with others and, in the future, set up an Italian register to provide **scientific evidence to improve the management of infections in lung transplantation.**

The aim of the event is to bring together pulmonologists, thoracic surgeons, and infectious diseases specialists from all Italian lung transplant centers and **encourage the creation of a network of clinical and scientific collaboration** on lung transplant infections.



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THURSDAY, 23th May 2024

- 11:00 a.m. – 11:15 a.m.** Registration
-
- 11:15 a.m. – 11:30 a.m.** Introduction and objectives
Alessandro Bertani, Paolo Antonio Grossi, Alessandra Mularoni and Patrizio Vitulo
-
- 11:30 a.m. – 11:45 a.m.** Greetings
Antonio Arcadipane, Giorgio Battaglia, Cinzia Di Benedetto, Angelo Luca and Ugo Palazzo
-
- 11:45 a.m. – 12:00 p.m.** Solid organ transplantation activity in Italy
Giuseppe Feltrin

SESSION 1: Rare infections and difficult indications to lung transplant

MODERATORS: *Alessandra Bandera and Annamaria Cattelan*

- 12:00 p.m. – 12:20 p.m.** Transplant in Recipient with *Burkholderia cepacia*:
When to say yes vs when to say no
Francesca Ficili and Maddalena Peghin
-
- 12:20 p.m. – 12:35 p.m.** Transplant in Recipient with Non-Tubercular Mycobacteria (NTM):
When to say yes vs when to say no
Stefano Aliberti
-
- 12:35 p.m. – 12:50 p.m.** Impact of Screening and Treatment of *Ureaplasma* species on
Hyperammonemia Syndrome in Lung Transplant Recipient
Michael G Ison
-
- 12:50 p.m. – 01:05 p.m.** Approaches to Rare infections and difficult indications in Italy: Survey Results
Silvia Corcione, Andrea Lombardi and Alessandra Mularoni
-
- 01:05 p.m. – 01:20 p.m.** Discussion: Q&A on the topics discussed during the session
Adriana Callari, Claudia Colomba, Maria Scarlata and Marco Schiavon
-
- 01:20 p.m. – 02:00 p.m.** Light Lunch

SESSION 2: Viral Infections in the Lung Transplant Patient

MODERATORS: *David Bennett and Patrizio Vitulo*

- 02:00 p.m. – 02:15 p.m.** HHV8 Infection: Clinical Pictures, Screening, Diagnosis, and Therapy
Mario Luppi
-
- 02:15 p.m. – 02:30 p.m.** HHV8 infections in lung transplantation
Andrea Cona, Letizia Morlacchi and Valeria Rossetti
-
- 02:30 p.m. – 02:45 p.m.** Discussion: Q&A on the topics discussed during the session
Paolo Antonio Grossi and Mario Nosotti



THURSDAY, 23th May 2024

02.45 p.m. – 03.00 p.m. Approaches to the Management of CMV Infection in Lung Transplant
Paolo Antonio Grossi

03.00 p.m. – 03.15 p.m. Pre-Emptive pro and cons
Federica Meloni

03.15 p.m. – 03.30 p.m. Prophylaxis pro and cons
Paolo Solidoro

03.30 p.m. – 03.45 p.m. Refractory/Resistant CMV Infection
Fernanda Silveira

03.45 p.m. – 03.55 p.m. The ReCySOHT project
Renato Pascale

03.55 p.m. – 04.15 p.m. Approaches to viral infections in Italy: Survey Results
Silvia Corcione, Andrea Lombardi, Alessandra Mularoni and Renato Pascale

04.15 p.m. – 04:30 p.m. Discussion: Q&A on the topics discussed during the session
Marta Beretta, Paolo Antonio Grossi and Alessandra Tebaldi

04.30 p.m. – 04:50 p.m. Coffee break

04.50 p.m. – 05.10 p.m. Viral Respiratory Infections in Lung Transplant
Michael G Ison

05.10 p.m. – 05.30 p.m. Adoptive Immunotherapy
Patrizia Comoli

05.30 p.m. – 05.45 p.m. Discussion: Q&A on the topics discussed during the session
Alessandro Bertani, Daniele Di Carlo and Chiara Iaria

SESSION 3: Phage Therapy

MODERATORS: *Alessandro Bertani and Antonio Cascio*

05:45 p.m. – 06:05 p.m. Phage therapy: Challenges and Opportunities in lung transplant
Saima Aslam

06:05 p.m. – 06.20 p.m. Phage therapy: the Italian Experience
Novella Cesta

06.20 p.m. – 07.00 p.m. Discussion: Q&A on the topics discussed during the session
Pier Giulio Conaldi, Paolo Antonio Grossi and Patrizio Vitulo

07:00 p.m. – 07.45 p.m. Conclusions
Alessandro Bertani, Paolo Antonio Grossi, Alessandra Mularoni and Patrizio Vitulo



FRIDAY, 24th May 2024

SESSION 4: Donor-Derived MDR Infections and Management of MDR
Bacteria Infections in the Post-Transplant Period

MODERATORS: *David Bennett, Alessandro Bertani and Mike Ison*

- 08:50 a.m – 09:15 a.m.** The Donor with an Increased Risk of MDR Infection:
When to say yes - *Paolo Antonio Grossi*
When to say no - *Jose Maria Aguado*
-
- 09:15 a.m – 09:30 a.m.** Therapy of CRE Gram-Negative Infections in the Transplant Recipient
Maddalena Giannella
-
- 09:30 a.m – 09:45 a.m.** Therapy of MDR/difficult-to-treat Gram negative Infections: New drugs
Mario Tumbarello
-
- 09:45 a.m – 10:00 a.m.** Rapid Diagnostics of MDR Infections in Donor and Recipient
Stefania Stefani
-
- 10:00 a.m – 10:15 a.m.** The Communication System for the Donor's Cultures: North-South-West-East
Antonino Montemurro
-
- 10:15 a.m – 10:30 a.m.** Risk Mitigation of Donor-Derived Infections: Active Surveillance
Alessandra Mularoni
-
- 10:30 a.m – 10:45 a.m.** Approaches to Donor-derived and MDR infections in Italy: Survey Results
*Andrea Lombardi, Francesca Montagnani,
Alessandra Mularoni and Elena Seminari*
-
- 10:45 a.m – 11:00 a.m.** Discussion: Q&A on the topics discussed during the session
*Massimo Cardillo, Lavinia Martino, Giovanna Panarello,
Marco Schiavon and Giorgia Tancredi*
-
- 11:00 a.m – 11:20 a.m.** Coffee Break

SESSION 5: Fungal Infections

MODERATORS: *Francesco Giuseppe De Rosa and Emanuele Durante Mangoni*

- 11:20 a.m – 11:30 a.m.** Fungal infections in lung transplant recipients
Jose Maria Aguado
-
- 11:30 a.m – 11:45 a.m.** Antifungal Prophylaxis in lung transplant recipients
Tina Marinelli



FRIDAY, 24th May 2024

- | | |
|--------------------------------|---|
| 11:45 a.m. – 12:00 p.m. | Antifungal Therapy for invasive mold disease
<i>Mario Fernandez Ruiz</i> |
| 12:00 p.m. – 12:15 p.m. | Diagnosis of invasive fungal infections in the immunocompromised patient
<i>Maurizio Sanguinetti</i> |
| 12:15 p.m. – 12:30 p.m. | New treatment options for fungal infections
<i>Malgorzata Mikulska</i> |
| 12:30 p.m. – 12:45 p.m. | Approaches to fungal infections in Italy: Survey Results
<i>Andrea Lombardi, Serena Marinello,
Malgorzata Mikulska and Alessandra Mularoni</i> |
| 12:45 p.m. – 01:05 p.m. | Discussion: Q&A on the topics discussed during the session
<i>Maria Campanella, Lavinia De Monte and Gianluca Russo</i> |
| 01:05 p.m. – 01:30 p.m. | Take-Home Messages and Final Remarks
<i>Alessandro Bertani, Paolo Antonio Grossi, Alessandra Mularoni and Patrizio Vitulo</i> |



PARTECIPAZIONE IN PRESENZA

STEP 1° - REGISTRAZIONE ONLINE (OBBLIGATORIA)

PER REGISTRARTI

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CLICCA QUI



STEP 2° - MODULISTICA, QUESTIONARIO ECM ED ATTESTATI

Al termine dell'attività formativa, entro e non oltre 3 giorni dalla conclusione, si potrà scaricare dalla piattaforma il proprio attestato di partecipazione. Per aver diritto ai crediti ECM, bisognerà procedere alla compilazione del questionario di apprendimento ECM e alla compilazione della modulistica necessaria. Solo al termine di questo percorso si potrà procedere al download del certificato dei crediti ECM. Modalità di collegamento alla piattaforma:

- Collegarsi al link www.fadcollage.it
- Accedere con le credenziali inserite in fase di registrazione e selezionare **IL MIO PANNELLO**
- Selezionare l'evento da concludere
- Procedere con i 5 step formativi conclusivi: 1, 2, 3, 4, 5

	Evento Residenziale
1	Qualità Percepita
2	Rilevazione Attività Formativa
3	Test finale di Valutazione
4	Attestato di Partecipazione
5	Attestato crediti ECM

L'attestato che certifica i crediti ottenuti sarà scaricabile dopo la verifica dei requisiti di partecipazione, dei risultati del test finale e della compilazione delle schede di rilevazione della qualità percepita.



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STEP 1° - REGISTRAZIONE ONLINE (OBBLIGATORIA)

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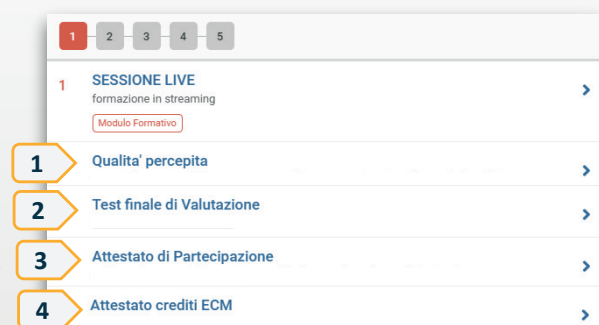
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STEP 2° - MODULISTICA, QUESTIONARIO ECM ED ATTESTATI

Al termine del webinar (FAD) si potrà scaricare dalla piattaforma il proprio attestato di partecipazione. Per avere diritto ai crediti ECM, bisognerà procedere, entro e non oltre 3 giorni dalla conclusione dell'evento, alla compilazione del questionario di apprendimento ECM ed alla compilazione della modulistica necessaria. Solo al termine di questo percorso si potrà procedere al download del certificato dei crediti ECM. Modalità di collegamento alla piattaforma:

- Collegarsi al link www.fadcollage.it
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- Selezionare l'evento da concludere
- Procedere con i 4 step formativi conclusivi: 1, 2, 3, 4



L'attestato che certifica i crediti ottenuti sarà scaricabile a partire dal 15° giorno successivo alla data dell'evento, dopo la verifica dei requisiti di partecipazione, dei risultati del test finale e della compilazione delle schede di rilevazione della qualità percepita.



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GENERAL INFORMATION

CONGRESS VENUE:

Hotel NH Palermo (Foro Italico Umberto I, 22/B - 90133 Palermo PA)

OFFICIAL LANGUAGE:

Italian is the official language of the event. Simultaneous translation in english will be provided

SCIENTIFIC INFORMATION

The event was accredited to the Ministry of Health by the Provider Collage S.p.A.:

- Ref. C.M.E.: **309-413638** - **11** Italian C.M.E. credits
 - Ref. C.M.E.: **309-413666** - **16,5** Italian C.M.E. credits
- Residential Event**
Hybrid Event

Accredited professional figures and disciplines:

Surgeon [Infectious Diseases, Respiratory Diseases, General Surgery, Cardiac Surgery, Thoracic Surgery, Anesthesia and Critical Care, Hygiene and Preventive Medicine, Internal Medicine; microbiology and virology]

Nurse [Nurse]

Biologist [Biologist]

Italian C.M.E. credits:

- In order to obtain C.M.E. credits, participants must:
- Attend the 90% of the congress
- Belong to the accredited medical profession and specializations related to this event
- Submit the required documentation and fill-in the C.M.E. evaluation questionnaire online within 3 days after the end of the congress
- Credits will be granted to those who will answer 75% correctly

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