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ATCIP 2020

Antimicrobial **T**herapy in Immunocompromised
and **C**ritically Ill **P**atients

LUGANO, 19-20 NOVEMBER 2020



ATCIP2020

In spite of new point-of-care and laboratory diagnostic tools as well as new antibacterial agents being available, viral, bacterial and fungal infections still cause unacceptably high mortality rates in these polymorbid patient populations.

Back in 2010, when the first ATCIP took place in Lugano, the infectious diseases specialists were fighting an increasing number of viral, bacterial and fungal pathogens that made the treatment of immunocompromised and critically ill patients a daunting task. The situation has not changed substantially: although some infectious agents such as the hepatitis C virus can now be successfully treated, new opportunistic pathogens are increasingly reported to infect transplantation recipients as well as oncology and ICU patients. Resistance in viral, bacterial and fungal pathogens is also increasing and makes the work by the treating physicians or ICU and ID specialists more difficult. There is a need for a concerted, multidisciplinary approach towards the treatment of such infections: multicentre, international, well-orchestrated efforts should be started to develop clear and comprehensive guidelines on the prevention, diagnosis, treatment and evaluation of therapeutic success.

The aim of ATCIP 2020 is to provide practical, updated information on the management of infectious diseases and the most appropriate antimicrobial therapy in immunocompromised and critically ill patients.

Brief talks given by international experts will provide insight into research and therapy of infectious diseases during plenary sessions and an interactive session. New rapid diagnostic tools and their utility for the clinician will be discussed. Infectious complications in transplant patients and the corresponding therapeutic approaches will be reviewed in a dedicated session, as will infections related to the use of immunosuppressive agents in oncology patients. New therapeutic approaches to treat ventilator-associated pneumonia and infections after abdominal surgery and recent treatment approaches for HIV will be the theme of dedicated sessions. Advances in the diagnosis of fungal pathogens, methods to tackle the occurrence of invasive aspergillosis in the ICU, and new treatment options against known and emerging invasive fungal diseases will be discussed. A poster session will allow participants to exchange information and to discuss common problems.

WELCOME TO LUGANO

Lugano is a charming, small town located in Southern Switzerland, and can be easily and rapidly reached by train or bus from the Malpensa airport. The congress venue is the Palazzo dei Congressi, conveniently located at walking distance from the Lugano Main Station and downtown. The town has excellent facilities and the superb surroundings make it an appreciated tourist attraction. Participants will thus be able to attend a highly educational meeting while also enjoying the tourist attractions and the gastronomy of the region.

OBJECTIVES

At the end of the congress, the participants should be able to approach the most common issues and controversies related to difficult-to-treat infectious diseases in immunocompromised and critically ill patients, and have gathered not only theoretical but also real-life experience to be translated into daily clinical practice.

WHO SHOULD ATTEND

Infectious disease and intensive care specialists, oncologists and haemato-oncologists, transplant specialists, clinical microbiologists, as well as other health professionals involved in the care of critically ill and immunocompromised patients.

SCIENTIFIC COMMITTEE

ENOS BERNASCONI, MD, Lugano, CH
LUIGIA ELZI, MD, Locarno, CH
CHRISTIAN GARZONI, MD, Lugano, CH
PAOLO GROSSI, MD, Varese, IT
OSCAR MARCHETTI, MD, Morges and Lausanne, CH
GLADYS MARTINETTI-LUCCHINI, PhD, Bellinzona, CH
ORLANDO PETRINI, PhD, Lugano, CH

WED NOVEMBER 18TH, 2020
(afternoon)

ADMINISTRATIVE SESSIONS
closed meetings for members only

17.00 Funginos Assembly
18.00 STCS Assembly

THU NOVEMBER 19TH, 2020

09.15 WELCOME, INTRODUCTION

FUNGINOS SYMPOSIUM: FUNGAL INFECTIONS

Chairs: PIERRE-YVES BOCHUD, Lausanne, Switzerland
- NINA KHANNA, Basel, Switzerland

09.30 Introduction

09.40 Novel diagnostics in mycology
TBD

10.10 *Aspergillus* in the ICU (IA and viral infections)
BART RIJNDERS, Rotterdam, The Netherlands

10.40 Emerging fungal infections
FRÉDÉRIC LAMOTH, Lausanne, Switzerland

11.10 New antifungals
DIONYSOS NEOFYTOS, Geneva, Switzerland

 **11.40 GILEAD SPONSORED SYMPOSIUM**
(with lunch bag)

12.40 ☕ COFFEE BREAK

SESSION I: MICROBIOLOGICAL DIAGNOSTICS

13.00 Multiplex PCR for the clinician:
Advantages and pitfalls
ADRIAN EGLI, Basel, Switzerland

13.30 Rapid diagnosis of candidaemia in the ICU:
mission possible?
MAURIZIO SANGUINETTI, Rome, Italy

14.00 Q&A - Discussion

14.30 ☕ COFFEE BREAK

SESSION II: NEWS IN HIV MEDICINE (long-acting, eradication, vaccines)

14.45 Pre-exposure prophylaxis: standard and
new approaches
BENJAMIN HAMPEL, Zurich, Switzerland

15.15 HIV Therapy 2020
HANSJAKOB FURRER, (Tbc)

 **15.45 ViiV SPONSORED Lecture**

16.30 ☕ COFFEE BREAK

SESSION III: SEVERE BACTERIAL INFECTIONS IN THE CRITICALLY ILL: NEW THERAPEUTIC APPROACHES

17.00 Ventilator-associated pneumonia
JÉRÔME PUGIN, Geneva, Switzerland

17.30 Infections after abdominal surgery
GABRIELE SGANGA, Rome, Italy

18.00 Q&A - Discussion

18.30 CONCLUDING REMARKS

FRI NOVEMBER 20TH, 2020

SESSION IV: ONCOLOGY IN THE ERA OF BIOLOGICAL IMMUNOSUPPRESSION: INFLAMMATIONS OR INFECTIONS?

08.00 Infectious complications after targeted
oncologic treatment with small molecule
inhibitors
MATHIAS KOCHANNEK, Cologne, Germany

08.30 Radiological findings after targeted oncologic
treatment with small molecule inhibitors
GIANLUCA ARGENTIERI, Lugano, Switzerland

09.00 Neutropenic fever: treatment
and assessment of response
TBD

09.30 The virome of transplant recipients
LAURENT KAISER, Geneva, Switzerland

10.00 Q&A - Discussion

10.30 ☕ COFFEE BREAK

 **11.00 PFIZER SPONSORED SYMPOSIUM**

12.00 ☕ COFFEE BREAK

 **12.15 MSD SPONSORED SYMPOSIUM**
(with lunch bag)

STCS SYMPOSIUM: INFECTIONS IN TRANSPLANTED PATIENTS – in collaboration with STCS Chairs: MANUEL ORIOL, CHRISTIAN GARZONI

13.00 Update and clinical implications of T-Cell
therapies for viral and fungal infection
NINA KHANNA, Basel, Switzerland

13.30 Microbiota and transplantation: quo vadis?
CHRISTIAN VAN DELDEN, Geneva, Switzerland

14.00 Donor-derived infection in SOT recipients:
emerging issues
PAOLO GROSSI, Varese, Italy

14.30 Q&A - Discussion

15.00 ☕ COFFEE BREAK

SESSION V: INTERACTIVE CASES

15.30 6 cases, 20 minutes each

17.30 CONCLUDING REMARKS

ORGANIZING SECRETARY



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