

06:30-07:45 **Executive Committee Meeting, O'Callaghan Davenport Hotel**

Burke Theatre, Trinity College Dublin

07:30-08:00 **Pre Symposium Work Shop Registration, Upper Concourse, Arts Building**

08:00-12:00 **Pre Symposium Work Shop - Antibiotic Prophylaxis - Invite Only**
COURSE LEADER: Bruno Hoen, France

- Why a randomized clinical trial on antibiotic prophylaxis of IE must be conducted
- Why an individual-based conventional RCT is not feasible
- What is a registry-based RCT
- How could a registry-based RCT be designed for assessing antibiotic prophylaxis of IE
- Preliminary data on a registry-based evaluation of the efficacy of antibiotic prophylaxis of IE in France
- Is prophylaxis of IE after dental procedure the right target? Pro/Con/alternative options

09:30 - 09:50 COFFEE BREAK

- Brainstorming on a tentative RCT design
- Feasibility by country (summary of preliminary evaluations performed in different countries before the meeting)

12:00 - 13:00 Pre Symposium Workshop Lunch

12:00-13:00 **ISCVI 2017 Registration, Upper Concourse, Arts Building Poster viewing session**

13:00-14:00 **Welcome Note & Key Note Address**
The future is here: from teixobactim & lugdunin to S. aureus immunotherapy
Vance Fowler, USA

14:00-15:30 **Antibiotic Symposium:
The Role of Old and New Antibiotics For Treating Endocarditis caused by Gram-positive pathogens**

CHAIRS: Bruno Hoen, France / Philippe Moreillon, Switzerland

- 1: Old and new drugs. From Fosfomycin to Ceftaroline!
Jose Miro, Spain
- 2: The 3 "vancins": Telavancin, Dalbavancin and Oritavancin
Michael J. Rybak, USA
- 3: Is there any role for linezolid and tedizolid?
Patricia Munoz, Spain
- 4: High-Level Daptomycin Resistance (DAP-R) in Streptococcus mitis-oralis Group of Viridans Streptococci (VGS): A 'Perfect IE Storm'
Arnold Bayer, USA

15:30-15:50 **Coffee Break/ Poster viewing
Lower Concourse, Arts Building**

15:50-17:30 **Workshop:**
The Management of Prosthetic Vascular Graft Infections (PVGI)
CHAIRS: Dr Jose Miro, Spain/ Dr Deirdre Brady, Ireland/ Prof Martin O'Donohoe /Dr Ciaran O' Donnell, Ireland

- 1: Multidisciplinary approach of PVGI: How to build a winning team-
Barbara Hasse, Switzerland
- 2: Imaging diagnosis of PVGI: role of the FDG-PET/CT scan
Leo Lawler
- 3: Medical Therapy for PVGI presentation
Larry Baddour, USA
- 4: Role of surgery for the management of PVGI
Carlos Mestres, Cleveland Clinic Abu Dhabi

17:30-19:30 **Oral Presentations**
Bruno Hoen, Philippe Moreillon, David Durack

Epidemiology:

- 1: 51 Epidemiology and Outcome of Infective Endocarditis across Europe in the 21st Century: an ICE Cohort Study
Juan Ambrosioni, Spain
- 2: 13 Current Epidemiology of Injecting Drug Use-associated Infective Endocarditis in Victoria, Australia in the midst of increasing crystal methamphetamine use
Eugene Athan, Australia
- 3: 43 Characteristics and outcome of infective endocarditis in chronic hemodialysis patients: a case control study from a prospective monocentric cohort.
François Goehringer, France

Risk of IE in patients with bacteremia:

- Enterococci:
- 4: 36 Prevalence of infective endocarditis in Enterococcus faecalis bacteraemia
Anders Dahl, Denmark
 - 5: 15 DNOVA-score effectively identifies patients with Enterococcus faecalis bacteraemia at low risk of infective endocarditis
Andreas Berge, Sweden

Non-betahaemolytic streptococci:

6. 25 HANDOC – a handy score to classify the risk for endocarditis in patients with bacteraemia caused by non-betahaemolytic streptococci

Torgny Sunnerhagen, Sweden

S. lugdunensis:

7: 24 Not as pathogenic as we thought? The Queensland Staphylococcus lugdunensis Bacteraemia Audit

Robert Horvath, Australia

GNB

8: 48 The Epidemiology and Microbiology of Carbapenem- Resistant Pathogens Causing Bloodstream Infection in Three Tertiary- Care Hospitals in Cairo, Egypt.

Amani El Kholi, Egypt

Specific Etiological IE:

9: 74 Infectious Endocarditis by Aspergillus spp. Experience from a large multicentric national series

Maricela Valerio, Spain

10: 27 (case report) Donor Derived Disseminated Histoplasmosis in a Cardiac Transplant Recipient

Jorgelina De Sanctis and Jubran Rind, United States

Economic Burden of IE:

11: 14 Economic Burden of Infective Endocarditis due to Injection Drug Use in Australia. A Single Centre Study, Geelong, Australia.

Eugene Athan, Australia

20:30

Evening Event Gala Dinner, Trinity College Dining Hall on Campus

Friday 23rd June 2017

Time

Burke Theatre, Trinity College Dublin

07:30-
18:15

REGISTRATION

08:30
-
09:30

101 on Top Ten Publications in IE and BSI

David Durack, USA / Phillipe Moreillon, Switzerland

09:30
-
11:00

**ISC Sponsored Joint Symposium on BSI and Endocarditis
Blood Stream Infections in the immunocompromised host**

CHAIRS: Brian O Connell, Ireland / Brian Marsh, Ireland

1: Clinical pharmacology of anti-infective in immunocompromised host

Francesco Scaglione, Italy

2: Sepsis in immunocompromised host : new frontiers

Ignacio Martin-Loeches, Ireland

3: Solid Organ Transplant patients

Paolo Grossi, Italy

4: "BSI in HIV-infected patients (including IE)"

Juan Ambrosioni, Spain

11:00-
11:30

**Coffee Break/ Poster viewing
Lower Concourse, Arts Building**

11:30
-
13:00

Symposium on Infectious Diseases in Mechanical Circulatory Support Devices

CHAIR: Carmel Halley, Ireland/ Jim McCarthy, Ireland

1: Implantable Ventricular Assist Devices Infections: 2017 Update

Steven Gordon, Cleveland Clinic, USA 2: The Epidemiology of Infection in MCS: January 2013 to December 2015

M Hannan, Ireland

3: Surgical Treatment of VAD infections- EUROMACS

Evgenij Potapov, Germany

4: New Technology in MCS

Jim Yearick, USA

13:00
-
14:00

Lunch, Lower Concourse, Arts Building

&

Panel Discussion - Fascinating Failure or Surprising Success? Two cases of IE

Case 1: Larry Baddour, USA

Case 2: Steven Gordon, USA

Discussants : Michael Tolán, Kevin Walsh, Jose Miro, Jim O'Neill, Bruno Hoen, Niamh O'Sullivan, Jonathon Mc Guinness, Niall Mahon, Brian O'Connell

14:00-
15:10

ESCMID-European Study Group (ESGIAI) and ISCVI joint symposium

CHAIRS: Efthymia Giannitsioti, Greece / Eugene Ethan Australia

1: Tavis -Lessons learned and future directions

Prof Ivan Casserly, Ireland

2: Biofilm in Chronic Infections: Problems and Prospects

Larry Kauvar, USA

3: Heart transplantation as a solution for complex Infective Endocarditis

H. R. Vikram, Mayo Clinic, USA

supported by Edwards Lifesciences

15:10-
15:20

**Coffee Break/ Poster viewing
Lower Concourse, Arts Building**

15:20-
17:20

Oral Session

Chairs: Margaret Hannan, Arnold Bayer, Jose Miro

Pathophysiology:

1: 21 Staphylococcus aureus von willebrand factor-binding protein supports the initiation of experimental endocarditis by lactococcus lactis, but it is dispensable in S. Aureus due to the presence of clumping factor A

José Manuel Entenza, Switzerland

Diagnosis:

2: 7 Sonication of heart valves in infective endocarditis

A. Gomes, Netherlands

3: 29 Polybacterial infective endocarditis and pathogen detection by molecular techniques

Tomas Freiburger, Czech Republic

4: 50 18F-FDG PET/CT Uptake Patterns for the Diagnosis of Prosthetic Aortic Vascular Graft Infection

Marta Hernández-Meneses, Spain

Complications:

5: 52 Risk Factors and Outcomes of Perivalvular Abscess in Left-sided Infective Endocarditis: a Prospective ICE Cohort Study

Juan Ambrosioni, Spain

6: 18 Systematic screening for splenic embolism in patients with infective endocarditis and histopathological correlates.

Cristiane Lamas, Brazil

7: 66 Assessment of risk of complications during early postoperative period in IE patients - development of a prognostic model

Alexander Nossikoff, Bulgaria

8: 55 Systematic screening for splenic embolism in patients with infective endocarditis and histopathological correlates

Cristiane Lamas, Brazil

Surgery:

9: 19 Same-day contralateral implantation of a cardiac permanent device after lead extraction for local and systemic infections

Arístides De Alarcón, Spain

10: 73 Incidence and factors associated with infective endocarditis in patients undergoing aortic valve replacement

Lauge Østergaard, Denmark

11: 31 Surgery of infective endocarditis: Is it possible to predict the preoperative risk through nonspecific scores?

Laura Varela Barca, Spain

17:20-

18:20

SESSION:**Molecular Diagnostics, Genetics and BSAC Guidelines**

CHAIRS: Maureen Lynch, Ireland / David Durack, USA

1: Advances in the laboratory diagnosis of IE

Romney Humphries Phd UCLA

2: Implantable cardiac electronic device infections – BSAC guidelines and device salvage regimens

Jonathan Sandoe, UK

3: "Genetic predisposition for infective endocarditis: the role of SNPs"

Efthymia Giannitsioti, Greece (ESGIAI)

18:30-

20:00

Evening Event - Reception at Trinity College Library in the Book of Kells Visitor Centre**Saturday 24th June 2017**

Time

Burke Theatre, Trinity College Dublin

06:30-

13:00

REGISTRATION

07:00

-

08:30

Workshop:**Towards an international consensus - Mycobacterium chimera**

Aims:

1. Provide an update of current global incidence of M Chimera CT infections

2. Present an update of the local Irish cases to date

3. Present a consensus on best treatments options and durations

4. Provide an overview of the prevention strategies going forward

5. Discuss an ISCVI reporting CRF for collecting retrospective and prospective data on these cases in the future

Chairs. Jose Miro and Margaret Hannan

Discussion Panel; Barbara Hasse, Lars Nolke, David Healy, Tom Rodgers, Shaun Collins Jose M. Miro

7:00-7:05 Introduction

7:05-7:20 Barbara Hasse, (University of Zurich, Zurich, Switzerland) A global perspective on cases diagnosed and treated for M. chimera infection associated with heater coolers

7:20-7:35 Meredith Smart - Managing Director 2030 Labs UK. Northampton, UK. How best practice in hospitals can prevent Mycobacteria.

7:35-7:50 Shaun Collins – Senior Perfusionist, Beacon Hospital Dublin. Dublin. Ireland. A user perspective, the management of heater coolers in Beacon Hospital Dublin.

7:50-8:05 Mr. Lars Nolke, Cardiothoracic Surgery Department, Mater Hospital, Dublin, Ireland.

Looking for the best case-definition. The Irish cases of M. chimera infection

8:05-8:20 David Gordon to present paper. Mycobacterium chimera infection post cardiac surgery despite extensive negative environmental surveillance and institution of recommended preventative measures.

Gordon, DL, Baker RA, Papanoum, K, Bastian I, De Pasquale, C, Howden, B, Bennetts, J

8:20-8:30 Discussion panel.

08:30

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10:30

ESGIAI sponsored symposium. Title: "Prevention of Infective Endocarditis: Should we focus on the source or substrate?"

CHAIRS: Steven Gordon, USA / Kevin Walsh, Ireland

Summary of Antibiotic Prophylaxis Workshop - Bruno Hoen

1: Discussion of what has happened since the 2007 NICE guidelines from a clinical and research perspective Martin Thornhill, UK
2: Discussion of UK studies and methodological limitations
Mark Dayer, UK
3: Role of oral disease in bacteremia and IE
Peter Lockhart, USA
4: New alternatives to preventing Endocarditis
Philippe Moreillon, France

10:30-
11:00 **Coffee Break/ Poster viewing**
Lower Concourse, Arts Building

11:30
-
13:00 **Endocarditis From Unique Regions**
CHAIRS: Dr Christian Lamas, Brazil / Dr Larry Baddour, USA

1: "Empirical treatment regimens for endocarditis - regional variation".
Claudio Fortes, Brazil
2: Endocarditis in Lebanon - Zeina Kanafani ,Beirut 3:Fungal IE
Hussein Risk, Egypt
4: Evaluating Outcomes in Bacteremia and Endocarditis Trials: Use of the DOOR Strategy
Tom Holland, USA

Prize giving by Jose Miro and Arnold Bayer

Closing remarks by Dr Bruno Hoen including summary of workshops and announcement of ISCVI 2019 meeting venue.