

EUROPEAN COLLEGE OF TRANSPLANTATION

Advanced Training in Organ Transplantation

Official Esot Training Course

Upcoming ECOT courses

Academic year 2004–2005

Winter session Rotterdam 23–29 November 2004 (Prof. W. Weimar)

Spring session Prague 26–30 April 2005 (Prof. S. Vitko)

Academic year 2005–2006

Winter session Vienna (Prof. F. Mühlbacher)

Spring session Padova (Dr. P. Burra)

Academic year 2006–2007

Winter session Lyon (Prof. Martin), Spring session to be determined

Course language English

ECOT has been an official training course of ESOT since 1997. The aim of ECOT is to provide basic training to European physicians, surgeons, immunologists, pathologists, and biologists working, or desiring to work, in any area related to transplantation. The course is divided into two sessions, each lasting 5 days. Each session includes several lectures, formal presentations and question-discussion periods. Each of the two sessions takes place in a different European city.

To obtain the Diploma of the European College of Transplantation, participation in both sessions of this annual course and attendance at all lectures is mandatory. Furthermore, participants will write two short essays on clinical or experimental transplantation and on an ethical issue. The essays will be reviewed by the members of the ESOT educational committee.

- History of transplantation
- Transplantation immunology
- Tolerance in transplantation
- HLA-system
- Cellular and molecular biology techniques in transplantation
- Clinical definition of rejection
- Histopathology of transplanted organs
- Immunosuppression
- Monitoring of the transplant recipient
- Organ procurement and organ preservation
- Ethics of organ transplantation and procurement
- Organ-specific aspects related to transplantation
- Cell and tissue transplantation
- Xenotransplantation
- Statistics and clinical research protocol design

For application and further information, please contact your national or regional ECOT representative. Please also send one copy of your application to: The ESOT educational committee secretary, Ms. J.T. Uildriks, Dept. of Surgery, University Hospital Groningen, P.O. Box 30.001, 9700 RB Groningen, The Netherlands e-mail: j.t.uildriks@chir.azg.nl. All applications to the ESOT secretariat should be made exclusively by e-mail. Please apply to national or regional representatives by e-mail if possible.

ECOT/Hesperis program

Winter-session – Rotterdam, The Netherlands

November 23 – 28, 2004

Organization committee:

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Tuesday November 23, 2004

± 15.00 Arrival

± 18.30 “Captains Dinner” at the Maritime Hotel

± 20.00 Presentation on the course

W. Weimar (Rotterdam)

Day 1 – Wednesday November 24, 2004

Session title:

TRANSPLANT IMMUNOLOGY

Chair:

G.G. Persijn (Leiden)

I.V. Hutchinson (Manchester)

09.00

Allorecognition

I.V. Hutchinson (Manchester)

9.45

HLA

I.I.N. Doxiadis (Leiden)

10.30 Coffee break

11.00

Screening, cross matches and B-cells

P.A. Dyer (Manchester)

Monitoring of allogeneic responses

B.J. v.d. Mast (Rotterdam)

Lunch

Session title:

ANTIGEN PRESENTATION, T-CELLS AND CYTOKINES

Chair:

A. Bushell (Oxford)

J. Kwekkeboom (Rotterdam)

14.00

Antigen presentation: The role of Dendritic Cells

C. van Kooten (Leiden)

14.45

Co-stimulatory blockade through gene transfer of CTLA4Ig or CD40Ig

I. Anegon (Nantes)

15.30 Coffee break

16.00

Cellular effector mechanisms

D.L. Roelen (Leiden)

16.45

Cytokine redundancy: IL-9 and rejection

M.Y. Braun (Bruxelles)

17.30

Cytokines and immunosuppressive drugs

C.C. Baan (Rotterdam)

18.00 end of session

19.00 Dinner

Lecture: The history of transplantation

G.G. Persijn (Rotterdam)

Lecture: The future of transplantation

R.E. Morris (Basel)

Day 2 – Thursday November 25, 2004

Session title:

IMMUNOREGULATION

Chair:

F. Fändrich (Kiel)

I. Anegon (Nantes)

09.00

Tolerance induction in transplantation

A. Bushell (Oxford)

09.45

Regulatory T-cells and super-antigen induced tolerance

M.Y. Braun (Bruxelles)

Coffee break
11.00
Regulatory T-cells in the clinic
F. Fändrich (Kiel)
Control of T-cell activation and memory
L. Adorini (Milano)
Lunch

Session title:**CLINICAL ASPECTS OF REJECTION**

Chair:

W. Weimar (Rotterdam)

J. Lerut (Bruxelles)

14.00

Kidney

S. Vitko (Prague)

Liver

J. Lerut (Bruxelles)

Coffee break

16.00

Heart

M. Strüber (Hannover)

Lung

W. van der Bij (Groningen)

End of session

18.30

Dinner at the Rotterdam Zoo

Lecture: Virus hunting

A.D.M.E. Osterhaus (Rotterdam)

Lecture: Virus killing

T. van Gelder (Rotterdam)

Day 3 – Friday November 26, 2004**Session title:****ORGAN PROCUREMENT**

Chair:

R.J. Ploeg (Groningen)

Donor treatment and Immunology

S.G. Tullius (Berlin)

Procurement thoracic organs

M. Strüber (Hannover)

10.30

Coffee break

11.00

Procurement abdominal organs

G. Kazemier (Rotterdam)

12.00

Non-heart beating procedure

G. Kootstra (Maastricht)

13.00

Lunch

Session title:**PRESERVATION**

Chair:

H.J. Tilanus (Rotterdam)

14.00

Preservation techniques
and quality of kidney grafts

R.J. Ploeg (Groningen)

Quality of liver grafts

J. Lerut (Buxelles)

15.30

Coffee break

16.00

Ischaemia reperfusion

M.P. Soares (Lisboa)

Living kidney donation

J.N.M. IJzermans (Rotterdam)

17.30

End of session

18.30

Reception at the Maritime

Day 4 – Saturday November 27, 2004**Session title:****LIVER TRANSPLANTATION**

Chair:

G. Kazemier (Rotterdam)

M.J.H. Slooff (Groningen)

Indications and overall results of liver trans-
plantation

M.J.H. Slooff (Groningen)

Paediatric liver transplantation

J.B. Otte (Bruxelles)

Coffee break

11.00

Split liver transplantation

D.C. Bröring (Hamburg)

12.00

Long term complications of liver transplanta-
tion

H.J. Metselaar (Rotterdam)

13.00

Lunch

Session title:**HEART AND HEART/LUNG
TRANSPLANTATION**

Chair:

C.C. Baan (Rotterdam)

D.E. Van Raemdonck (Leuven)

14.00

Indications and overall results of heart trans-
plantation

A.H.M.M. Balk (Rotterdam)

14.45

Long term complications of heart transplan-
tation

J.H. Dark (Newcastle Upon Tyne)

15.30

Coffee break

16.00

Indications and overall results of lung trans-
plantation

D.E. Van Raemdonck (Leuven)

Infectious complications after lung transplan-
tation

E.A.M. Verschuuren (Groningen)

End of session

19.00

Boat-excursion with buffet

Day 5 – Sunday November 28, 2004**Session title:****TOPICS IN TRANSPLANTATION**

Chair:

H. Kreis (Paris)

H.J. Metselaar (Rotterdam)

08.30

Bridging to heart transplantation

J.H. Dark (Newcastle Upon Tyne)

09.15

To an European legislation on organ-
transplantation

M. Bos (The Hague)

10.00

Coffee break

10.30

Clinical and ethical aspects of limb transplan-
tation

J.M. Dubernard (Lyon)

Dutch National program of Cross-over kidney
transplantation

W. Weimar (Rotterdam)

12.00

Pro-con session: Paid kidney donors

H. Kreis (Paris)

&

M.T. Hilhorst (Rotterdam)

13.00

Lunch and farewell

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The European College of Transplantation (ECOT)

The ECOT Course, an Advanced Training in Organ Transplantation of ESOT

Thanks to the commitment of doctors and business community leaders to mobilize a widespread national and international movement for the promotion of a vital medical service – organ and tissue transplantation, the Hesperis Association was founded in France in 1989 by J.M. Dubernard and H. Kreis. The aim of Hesperis was to facilitate the work of researchers and transplant specialists as well as to improve their knowledge of organ transplantation. The objective was to raise funds to assist individuals working in transplantation and to stimulate awareness, understanding and progress in the field of transplantation.

Transplants are much more than medical procedures. For thousands of people they represent the gift of life and a return to a normal life. Medicine is constantly on the move, our knowledge is continuously evolving. Therefore, in order to meet the needs of the future, we must train tomorrow's teams today.

In the past 10 years the Hesperis Course became a great success providing excellent information to many young physicians or scientists entering the field of transplantation.

In 1989, Hesperis founded the European College of Transplantation (ECOT) and 10 years after its foundation (in 1999), ECOT merged with the European Society for Organ Transplantation (ESOT) becoming an integrated part of the educational program of ESOT. Since it was established, more than 700 doctors have now attended highly respected courses given by internationally recognized experts in the field of transplantation.

The Educational Committee of ESOT which includes the founders of the Hesperis Course is currently discussing the future structure of this excellent and well-known annual course of the European College of Transplantation. Over the past years and with the sponsorship of Wyeth this course now invites annually 60 young scientists or clinicians who are becoming active in the field of transplantation for a basic introduction and overview presented by an excellent faculty from all over Europe. The course consists of a part I and II each held in a different European city and hosted by the members of the local transplant center.

Objectives of ECOT within ESOT

The first educational objective of ECOT is to promote the exchange of ideas and information between the various transplantation teams and individuals currently working in the field.

Training is the cornerstone of medical achievement. Specific training of different specialists working in the field (surgeons, physicians, immunologists, pathologists, biologists, etc.) will give transplantation improved status and encourage progression. The availability of organized and high quality training will also create vocational interest among young doctors and researchers.

The original course was founded by Hesperis, now, under the name of the European College of Transplantation to provide training at the highest possible level. Courses are given by some of the most eminent transplant specialists and are attended by surgeons, physicians, immunologists, pathologists and biologists interested in, or already working in, the field of transplantation. Both, as a scientific and educational body, the courses provided by the College are organised twice each academic year, on each occasion in a different European city.

The next course of ECOT will be hosted by:
Session I: Prof. Dr. W. Weimar in Rotterdam, The Netherlands, from November 23-28, 2004, and
Session II: Prof. Dr. S. Vitko in Prague, Czech Republic, from June 7-12, 2005.

For applications, please, follow the instructions on the ESOT website: www.esot.org