

5th European Transplant Fellow Workshop

An official educational activity of ESOT



Malmö, Sweden, October 8-10, 2004

The European Transplant Fellow Workshop (ETFW) is an official educational activity of the European Society for Organ Transplantation (ESOT). The ETFW is sponsored through an unrestricted educational grant by Fujisawa.

Aim: To provide an interactive podium for young clinicians (age <40 years), who are specializing in clinical organ transplantation, to meet with experienced transplant physicians / surgeons and to present their own research data.

Structure: The ETFW is a mixture of interactive case discussions and lectures by faculty speakers, as well as short presentations by attending fellows. To stimulate the interactive character of the ETFW, the number of participating fellows is limited to 25.

Selection: Applicants must submit an abstract reflecting their research work or an intriguing clinical case report, their CV and a supporting letter from the head of their department to the ESOT Secretariat. The Educational Committee of ESOT will make a selection of participants. For the selected fellows, participation is free and costs for housing and travel will be reimbursed, according to ESOT guidelines.

Organization: This year's Workshop will be organized and hosted by the team of Prof. H. Ekberg in Malmö, Sweden.

Information: Detailed information can soon be obtained from the ESOT website: www.esot.org

Local organizing committee:

Henrik Ekberg (chair), Nils H Persson, Henrik Thorlacius, Clara Pahlman and Helene Malm.
Faculty: Robert Porte, Wolf Bechstein, Dirk Kuypers, David Wheeler, John Dark, Jan Lerut and Olle Korsgren.

Preliminary Program**Friday, October 8, 2004. Afternoon session**

13.00–13.30
 Welcome and introduction of the fellows
 Henrik Ekberg, Sweden
 13.30–14.15
 Donor selection; contra-indications and expanded donor criteria.
 Interactive presentation based on cases.
 Nils H Persson, Sweden
 14.15–15.00
 Ischemia/reperfusion injury and long-term consequences for graft outcome.
 Interactive lecture (30 min) + discussion (15 min)
 Robert Porte, Netherlands
 15.00–15.30
 Fruit and coffee
 15.30–16.30
 Clinical problems early after kidney transplantation.
 Interactive presentation based on cases.
 Jan Langrehr, Germany
 16.30–18.00
 Presentation by the fellows (6)
 Chair: Henrik Ekberg
 19.30 Dinner

Saturday, October 9, 2004.

08.30–09.15
 Recent trends in initial immunosuppressive protocols
 Interactive lecture (30 min) + discussion (15 min)
 Henrik Ekberg, Sweden
 09.15–10.15
 Monitoring and toxicity of currently used immuno-suppressive drugs.
 Interactive lecture (30 min) + discussion (15 min)
 Dirk Kuypers, Belgium
 10.15–10.45
 Fruit and coffee
 10.45–11.45
 Clinical problems long-term after kidney transplantation.
 Interactive presentation based on cases.

David Wheeler, UK
 11.45–12.30
 Presentation by fellows (3)
 Chair: Dirk Kuypers
 12.30–13.30 Lunch
 13.30–14.30
 Clinical problems in thoracic transplantation
 Interactive presentation based on cases.
 John Dark, UK
 14.30–15.15
 Presentations by fellows (3)
 Chair: David Wheeler
 15.15–15.45 Fruit and coffee
 15.45–17.15
 Presentations by the fellows (6)
 Chair: John Dark
 18.00–19.30
 Sauna and swim in the sea
 20.00
 Dinner by the sea (Restaurant Salt & Brygga)

Sunday, October 10, 2004. Morning session

08.30–09.30
 Clinical problems in liver transplantation.
 Interactive presentation based on cases.
 Jan Lerut, Belgium
 09.30–10.15
 Presentation by fellows (3)
 Chair: Henrik Thorlacius
 10.15–10.30 Fruit and coffee
 10.30–11.15
 Recent development in islet transplantation.
 Interactive lecture (30 min) + discussion (15 min)
 Olle Korsgren, Sweden
 11.15–12.30
 Presentation by fellows (3)
 Chair: Jan Lerut
 12.30–12.45 Conclusion
 Henrik Ekberg
 13.00 Lunch

Comments**Presentation by fellows – 24**

5 minutes presentation, 10 minutes discussion
 Guidelines given before-hand to fellows concerning format of presentations (Background, Aim, Methods, Results, Conclusion: 5–12 slides)
 All abstracts send out to participants before ETFW.
 2 fellows chosen at each presentation to start off discussion together with the chairman
 Discussion based on:

1. What was the message of the presentation?
2. Was the conclusion correctly based on the results?
3. Was the presentation well done and clear?
4. Any unnecessary or unclear slides?
5. Clinical or experimental relevance of the results.

Interactive presentations based on cases:

1. kidney transplantation - early (surgery)
 ATN, ureteric stenosis, ureteric leakage, insufficient circulation, arterial thrombosis, lymphocele, infection, acute rejection
2. kidney long-term (transplant nephrology)
 deterioration of graft function and long-term immunosuppression; CNI nephrotoxicity, recurrent disease, chronic transplant nephropathy; CMV- and BK virus infection, cardiovascular disease, malignancy
3. thoracic transplantation
 surgical complications, infection, acute rejection, graft dysfunction early and late, bronchiolitis obliterans syndrome
4. liver transplantation
 hepatic artery thrombosis, biliary complications, infection, acute rejection, graft dysfunction early and late
5. donor evaluation
 relative contra-indications for acceptance of deceased donor - such as old age, cardiovascular disease, impairment of organ function, infection, length of ICU stay, laboratory abnormalities, virology

Interactive lectures (30 min) + discussion

(15 min):
 - not specifically based on cases, but still interactive

1. Islet transplantation
 Lab and clinical techniques, practical difficulties – several donors, immunosuppression, clinical results
2. Recent trends in initial immunosuppressive protocols
 CNI-free, steroid-free protocols and for high-risk patients
3. Ischemia/reperfusion injury and long-term consequences for graft outcome
 Mechanisms, current principles of organ preservation, clinical implications
4. Drug monitoring and toxicity
 to cover CsA, tacrolimus, MMF, sirolimus and steroids

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 (Bruxelles)

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 transplan-
tation
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