



Summer 2006, Volume 6, No. 1

**The Official Combined Bulletin of the European Society of Veterinary Clinical Pathology and
the European College of Veterinary Clinical Pathologists**

Contents	Page
Message from the ESVCP President	1
Past Meeting Highlights	3
ESVCP & ECVCP membership information	6
ESVCP/AECCP program, Cambridge, UK, Sep 2006	10

Notes from the Editor

Dear colleagues:

The activities of the ESVCP have reached an all-time high this year. Joy Archer summarizes these for us to put into perspective the growth our Society has experienced, the success of the last annual congress in Utrecht as well as ESVCP's important contributions to other meetings. As we read through them, I think that we can indeed be proud of the Society's many achievements. The College continues to grow as well, and welcomes new diplomats among its ranks. In this newsletter, we bring you news from the past, present and take a look at what the future brings...hopefully many more wonderful things!

IMPORTANT: The Board invites nominations for the elected positions of Secretary, Treasurer and Vice President. The other 3 members of the board are not elected by ESVCP but appointed by ECVCP. Nominations for these positions should be sent to Peter Graham (pgraham@nwlabs.co.uk) who will then arrange the process of the election. Any member of the Society can propose a nominee after first ensuring that the nominee is prepared to stand for election and is willing to take on the responsibilities and workload of a board member.

Wishing you a wonderful summer holiday,

Anne Lanevschi-Pietersma

Email address for the ESVCP Bulletin editor: alp@vetclinpath.com

MESSAGE FROM THE ESVCP PRESIDENT

Greetings!

In the last months, work on the Cambridge congress this coming September has been continuing. Now you can visit the web site www.esvcpcongress.org. There you will find the programme and details of accommodation and how to register and submit abstracts.

****Important ! We have extended the abstract deadline to July 10th.****

We have also added another workshop:

There is a workshop on Sept 5th on QC/QA, which is in the capable hands of Kathy Freeman and Ilse Schwendenwein. The *new* workshop will be on Saturday, Sept 9th, in the Veterinary College at Cambridge, and is a great opportunity for informal discussion of difficult lymphoma / leukaemia cases with the experts whom we are lucky to have join us.

Many of you who are DPC users will have received your invitations to the DPC users' group meeting which is part of the congress. We are immensely grateful to DPC for also sponsoring the Wednesday afternoon GI session and the evening barbeque.

Our new toxicological clinical pathology sessions have been made possible by the generosity in particular of Novartis and GSK in collaboration with ACCP.

There is a likelihood of an ADVIA users' group meeting on the Monday afternoon Sept 4th convened by another of our generous sponsors, Bayer. Users discouraged another parallel session so we have added another ½ day to the congress!!

So now, with the ECVCP exam (for those brave souls and the hard working examiners) the week will run from Saturday to Saturday!!!

Harold Tvedten is looking for cases for the Case presentation session !! We have been able to arrange for abstracts of cases to be published in the Journal Comparative Clinical Pathology this year. So please submit them by July 10th. In addition, the usual CD will be produced if you submit good pictures to Harold in the correct format and on time.

Anne Lanevski Pietersma is busy organizing a workshop on Education for Friday afternoon Sept 8th – speakers will include Drs Kathy Freeman, Steve Stockham and Harold Tvedten. A roundtable will follow the presentations and aims to examine ways to pool our education resources and contribute to distance education in clinical pathology in Europe for residents and continuing education for practitioners.

Elsbeth Milne has organized a cytology session in the ESVP congress in Edinburgh Scotland planned for August 30th. More details of that on the ESVP website.

JP Braun has organized an ESVCP renal day for ECVIM in Amsterdam on Sept 14th - more information on that meeting on their website www.ecvimcongress.org.

Tibor Gaal and his group are busy organizing the 2007 meeting in Budapest which will be with ECVIM. More on that at the AGM in Cambridge.

Suggestions are already coming for the 2008 congress so bear in mind it will be a topic for the agenda at the annual congress AGM.

Another important issue is the nomination and election of new officers of the society: these are **treasurer, secretary** and **vice president**. Any member can stand for election, nominate a candidate and any member can vote once the ballot has been set. Peter Graham our secretary will send out a request for nominations and Peter Vadjovich will organize the ballots. If you cannot come to Cambridge and vote in person please arrange to vote ahead of time and return your sealed ballot to Peter Vadjovich. This has to take place BEFORE Cambridge as the votes will be tallied at the meeting.

Looking forward to meeting you ***all*** in Cambridge (wouldn't that be a fantastic congress !!! 100% members attendance)

Before then, I wish everyone a fantastic summer holiday.

Cheers,
Joy

Highlights of the 2005 Annual scientific Meeting and annual general meeting (AGM) of the ESVCP and ECVCP.

Last year, the meeting was held with AECCP in Utrecht, The Netherlands on June 21 -24. There were 165 attendees with many countries represented from North and South America to Australia, Japan, and Russia, and a large contingent from Iran. Over 100 scientific abstracts were received and over 20 invited speakers made presentations along with workshops, case presentations, and trade exhibits. The lucky prize winners for best oral presentation were two: FV Vergez from Toulouse, France and MEM Mylonakis from Thessalonica, Greece. The best poster prize went to M Lopez- Alonso from Galicia, Spain and the best case presentation were given by M Pinches from Bristol, U.K.

Zoe ((Polizopoulou) is specially thanked for organizing the cases, and preparing the accompanying handout and CD-Rom for these.

Our grateful thanks are due to Guillaume Counotte and his local fellow organizers (Erik Teske, Anne Lanevski- Pietersma, Ben Kessels, Hilda Toussaint and Theo Niewold) for a fantastic smooth operation that ensured a great success. Thanks also go to all our sponsors. We were all provided with a taste of the University campus (conference centre), the superb transportation system and accommodation in or near the Old city centre affording time for exploration. A highlight was the gala dinner in a beautiful old building, the Academie Gebouw. Not of least importance was the fantastic hot and sunny weather. We are sure that many old friendships were rekindled and new ones forged in the friendly environment that was created for us.

Highlights of the ESVCP AGM were:

- an agreement to produce the newsletter twice a year at fixed times;
- to provide reduced membership fees to clinical pathology residents, these to be equivalent to the cost of the Journal;
- the Treasurer has now established a Euro bank account so in future for those not able to use PAY PAL Euro, transfers will be possible;
- the Annual scientific meeting and AGMs for the ESVCP and ECVCP and the Examination for ECVCP membership will be returned to September each year;
- the 2006 meeting will be in Cambridge, England at the University (Churchill College) and Veterinary College from 5- 8, September, 2006;
- 2007 meeting may be in Greece - Zoe says that she is saving some energy for organizing it!
- Satellite meetings:
2006 ISACB in Turkey: it was agreed with JP Braun that we should help, as many of our members are also members of ISACB. They have also generously supported us with funds for speakers both for Poland (Profs Kaneko and Christopher) and Utrecht (Prof Harvey);
- JP Braun reported that the Journal is going from strength to strength, with greater than 10 manuscripts submitted this year and 50% of them were from Europe. The turnaround time is shorter thanks to the superb work of the editors (Mary Christopher and Karen Young) and it is also developing a healthy impact factor.

Thoughts on Meetings:

There have been many discussions, comments and questions on the why? when? with whom? and where? Some of us may be confused by all the exchanges that have taken place in and around meetings, so here are a few thoughts on this issue:

It is one of the main functions of our society to put on scientific meetings. Not only that but also to increase awareness of clinical pathology and encourage understanding, education, research and expand knowledge in the field. One way that we work toward this is the International Journal of Veterinary Clinical Pathology, and the email listserv in conjunction with the ASVCP. Another is our close association with the ECVCP, our college, which certifies veterinary clinical pathologists, with whom we maintain a web site at www.esvcp.org. For them and for the wider membership we need to have an active scientific life and sources of continuing education programmes.

For several years now we have had a close association with the ECVIM-CA congress. Since 2002 we have used this association to put on an ESVCP day within the congress and in some years to have extra continuing education (CE) days (Barcelona 2004) or, at other times, to host our official annual meeting, with our own CE days and AGM's (Munich 2002, Uppsala 2003). Last year we had one day in ECVIM on September 3rd, in Glasgow, Scotland. In 2006 we plan again to have a day in Amsterdam, The Netherlands, on September 14–16. The renal disease group is also meeting there and JP Braun is organizing our day themed on renal disease. Many of us have mutual interests with small animal medicine specialists whether it is working in education, providing clinical diagnostic services, or equipment, reagents, veterinary drugs or collaborative research.

Likewise, since 2003, at the invitation of the organizers of the veterinary pathologists' annual meeting organizers in Dublin, Ireland, we have had an association with ESVP, and in 2004 had a successful main annual meeting in association with them in Olsztyn, Poland. In 2005 we had an ESVCP day on September 9th with ESVP in Naples, Italy. In 2006, we will have an ESVCP day with ESVP in Edinburgh, Scotland on September 1st, and Elspeth Milne will be our local organizer. Again many of us have colleagues who are member of ESVP. In the academic, diagnostic as well industrial (e.g. pharmaceutical) worlds, anatomical and clinical pathology are close, and mutually dependent. As we all know there is a shortage of well qualified clinical and anatomical pathologists worldwide and we need to work together to reverse this trend and create a greater awareness of our disciplines and what they have to offer to new graduates in veterinary medicine, agricultural and basic sciences. One way that we can do this is to host and participate in a variety of meetings. In 2005, as a result of the Utrecht meeting (our second with AECCP), a journalist commented that clinical pathology seems to be expanding, be buoyant and have an exciting future. So all the hard work by many to put on and participate in our numerous events is noticed and appreciated!!

Both ESVCP and ECVCP executives agree that we should continue with our main scientific meeting to be held in September each year along with our AGMs and the college examination. It is a requirement for college diplomats to attend a main meeting and college AGM once every 2 years. All meetings provide certificates of attendance which can be used for continuing education points for colleges and institutes. Also until the discipline is bigger, stronger, and widely accepted, and the college is established, we should continue with our satellite meetings with other associations.

Submitted by Joy Archer

Meetings for 2006

Main annual meeting and ESVCP and ECVCP AGM's and ECVCP examination on 4-8 September, 2006, in the Moller Centre, Churchill College, University of Cambridge and Veterinary School, Cambridge, England.

A local organizing and scientific committee met in September 2005.

Satellite meetings:

August 31st - September 3rd, Edinburgh, Scotland (1day ESVCP) with ESVP

September 14 – 16, 2006, Amsterdam, the Netherlands (1day ESVCP) with ECVIM
Background on ESVCP

The European Society of Veterinary Clinical Pathology (ESVCP, <http://www.esvcp.org>) was formed in Sept 1998 for the promotion of this discipline, and out of the need for well educated clinical pathologists with certified experience for leading positions in commercial laboratories, industry, and veterinary schools. The Society is open to everybody, veterinarians and non-veterinarians alike, interested in one of the many areas of interest of Veterinary Clinical Pathology.

ESVCP Website: For information on constitution, membership, past and coming meetings, or to consult documents submitted to EBVS concerning application for specialty status and more, please visit <http://www.esvcp.org>, which will be the permanent domain name.

Interested in accessing a veterinary clinical pathology discussion forum?

This LISTSERV mailing list provides ASVCP and ESVCP members with access to over 500 colleagues interested in discussing and finding information on topics involving veterinary clinical pathology.

To join the list, interested ASVCP or ESVCP members must contact Mike Scott at: scott@dcpah.msu.edu and include their full name, email address, and organisation in the body of the message.

Call for examination questions – ECVCP Diplomates

Dear ECVCP member,

According to the ECVCP constitution and By-laws, all diplomats must submit five questions, along with their fully-referenced answers, each year (by May 31st) to the examination committee. Failure to submit questions for two consecutive years could cause suspension of approval of training programs. Late submission of written questions results in inconvenience to the section leader and extra mailings of segments for review. The task of preparing all items for various sections is sizable. To meet deadlines, provide the highest quality items. For multiple choice questions, please include five foils (a-e) if possible. We encourage everyone to start assembling materials as soon as possible to avoid last-minute rush preparations. For biochemistry cases please provide a complete case report with all haematology and chemistry data, and if available urinalysis and cytology findings.

In order to be sure that all the members have sent their 5 questions, we send this message monthly to the ECVCP mailing list. Please provide 3-4 multiple choice questions and 1-2 questions to be chosen among the following: biochemistry cases, cytology or haematology images or glass slides.

For further information how questions should be written or mailed, please contact the chair of the examination committee at ktolling@yahoo.com.

ESVCP- Membership Dues Notice
Membership Year: January 1- December 31, 2006

All members of the Society and the College who have not done so, are requested to pay their 2006 Dues as soon as possible.

Individual reminders for Dues will not be sent as the information is now posted on the website and set out below. Please renew your membership NOW.

Renewing your membership requires three steps:

1. Email your up to date contact information to Nick-Carmichael@lineone.net . This will ensure that copies of Veterinary Clinical Pathology are sent to the correct address.
2. Select your payment method and amount.
3. Make your payment.

All members of the ECVCP should also renew their membership of the Society in addition to paying the Dues for membership of the College. It is a requirement of the Constitution that ECVCP members are also members of ESVCP.

1. Membership Details update

Please send a copy of your full postal address by email to Nick-Carmichael@lineone.net

2. Membership Fees and Payment Methods

ESVCP Membership Fees 2006

- 100 Euros for regular members. This includes Veterinary Clinical Pathology journal subscription (4 issues per year).
- 80 Euros for ASVCP members. Journal subscription is not included as this is paid for through ASVCP Dues.

Payment Options

Paypal

The preferred payment method for payment of Dues is with Paypal.

Paypal is an Internet based payment system that transfers funds through an account linked to your credit card to the Society's account.

Paypal has the advantage to the Society of being able to accept multiple currencies, providing automatic receipts and significantly reducing banking and administrative costs.

For members, it provides a secure and convenient payment method allowing you to use your credit card over the Internet from your personal computer. The system costs nothing for members to set up and use. All members who set up accounts last year will find that their accounts are still functional, making payment very simple and easy.

For further information and to open a Paypal account see: www.paypal.com/uk/

International Funds Transfer

For members in countries where Paypal payment is not possible, payment can be made using International Funds Transfer. The information required to make these transfers is given on the website and is copied below.

This system does not however generate automatic receipts and is more expensive for the Society. Frequently members will have to pay transfer fees to their bank in addition to the Dues.

UK members

Cheques in UK pounds can be accepted (posted to the address below) or funds transfer from any UK bank.

Bank details for Funds Transfer:

Bank: Lloyds TSB

Account name: European Society of Veterinary Clinical Pathology

Account No: 1963022

Address: 8 Cambridge Crescent, Harrogate North Yorkshire HG1 1PQ ENGLAND

Sort code: 30 93 91

Swiftbank code (Bank Identification Code): LOYDGB21214

IBAN code: GB48LOYD30939101963022

Postal address:

Nick Carmichael,

ESVCP Treasurer

CTDS Ltd,

Blacksmith's forge, Brookfield Farm,

Selby Road, Garforth,

West Yorkshire

LS25 1NB

ENGLAND

Fax 0044 (0)1937 529953

Phone 0044 (0)113 287 0175

3. Making your Payment

Using Paypal to pay Dues

Go to Paypal on the Internet. Either follow the link below:

<https://www.paypal.com/uk/> or search for Paypal in your country of residence

Click on the Send Money Tab

Open a personal account if you do not already have one. Once this is open please enter the Society's Paypal email and payment details as below:

Recipient's Email: ESVCPAY@NTLWORLD.COM

Amount: (100 or 80)

Currency: Euros

Type: Service

Subject: ESVCP DUES 2006

Notes: Please enter your name and the fact you wish to pay dues

Click on the Send Money button

Paypal will email you confirmation that money has been sent.

International funds Transfer

This usually requires completion of a form at the bank.

Please note that when using this method of payment it is essential that the member's name is given in the payment details. A number of payments using this method have been received which cannot be traced because the member's name is not given on the transfer document. Please state this first in the payment details field of the form.

If you have any queries regarding membership payments please contact the Treasurer, Nick Carmichael at Nick-Carmichael@lineone.net

ECVCP- Call for Diplomat Fees for 2006
Membership Year: January 1- December 31, 2006

All members of the College who haven't done so, are requested to pay their diplomat fees for 2006 ASAP.
Please remember that you must also be a member of the Society in order to retain your diplomat status.
Please renew your membership NOW.

Renewing your membership requires three steps:

1. Complete and email the Excel spreadsheet below giving your up to date contact information. This will ensure that any communications are sent to the correct address.
2. Select your payment method and amount.
3. Make your payment.

1. Membership Details update

Please complete the attached Excel spreadsheet and email it to kathy-freeman@lineone.net

2. Diplomat Fee and Payment Methods

ECVCP Diplomat Fee 2006

- 100 Euros

Payment Options

Paypal

See information above in ESVCP Membership notice.

International Funds Transfer

For members in countries where Paypal payment is not possible, payment can be made using International Funds Transfer. The information required to make these transfers is given on the website and is copied below. This system does not however generate automatic receipts and is more expensive for the Society. Frequently members will have to pay transfer fees to their bank in addition to the Dues.

UK members

Cheques in UK pounds can be accepted (posted to the address below) or funds transfer from any UK bank (the UK equivalent of 100 Euros will be considered to be £68.00)

Bank details for Funds Transfer:

Account name: European Society for Veterinary Clinical Pathology

Bank: Lloyds TSB

Address: Aberfeldy Branch, Bank Street, Aberfeldy, Scotland, United Kingdom

Account No: 0511748

Sort code: 30 25 87

Swiftbank code (Bank Identification Code): TSBSGB21280

IBAN code: GB97TSBS30258700511748

Postal address:

Dr. Kathy Freeman

ECVCP Treasurer

Rynachulaig Farm

Killin

Perthshire FK21 8TY

Scotland, United Kingdom

Tel: +44 (0)1567 820 580 Mobile: 07766 600 274

3. Making your Payment

Using Paypal to pay Dues

Go to Paypal on the Internet. Either follow the link below:

<https://www.paypal.com/uk/> or search for Paypal in your country of residence

Click on the Send Money Tab

Open a personal account if you do not already have one. Once this is open please enter the College's Paypal email and payment details as below

Recipient's Email: kathy-freeman@lineone.net

Amount: (100)

Currency: Euros

Type: Service

Subject: ECVCP Diplomate fee 2006

Notes: Please enter your name and the fact you wish to pay the diplomate fee

Click on the Send Money button

Paypal will email you confirmation that money has been sent

International funds Transfer

This usually requires completion of a form at the bank.

Please note that when using this method of payment it is essential that the member's name is given in the payment details. A number of payments using this method have been received which cannot be traced because the member's name is not given on the transfer document. Please state this first in the payment details field of the form.

If you have any queries regarding membership payments please contact the ECVCP Treasurer, Kathy Freeman at kathy-freeman@lineone.net

ESVCP/ECVCP 8th annual meeting, Cambridge, England Sept 5-9, 2006

Tuesday 5 September

- 8.30 – 9.00 Registration and coffee QC/QA workshop
 9.00- 5.00 **QC/QA Validation workshop**
 Leader Kathy Freeman U.K.
 16.00-19.00 Congress registration desk opens
 19.00 –20.00 **Opening reception Moller Centre**

Wednesday 6 September

- 8.00 Congress registration desk opens with coffee
 Back to basics with the experts

 8.45 –9.30 Tips and secrets for cytologists, Rick Cowell, USA
 9.35 –10.20 SIDoses-pathogeneses of abnormal strong ion differences, Steve Stockham, USA

10.20 – 10.45 Coffee view posters and exhibits

- 10.45 –11.30 Assessing hepatic function in horses and cattle, Steve Stockham, USA
 11.35 – 12.20 RBC morphology changes: are they helpful in diagnosis? Denis DeNicola, USA
 12.25 – 13.10 Understanding graphics of ADVIA and other haematology analyzers, Andreas Moritz, Germany

 13.10 – 14.30 Lunch, ECVCP committees' meetings

Gastroenterology Testing

Case Presentations

DPC users group meeting

14.30 –15.15 Newer GI tests, Alex German, U.K.	14.30 –17.30 case presentations convenor, Harold Tvedten, Sweden
15.20 –16.05 Newer Pancreas tests, Jorg Steiner, USA	Each case 15minutes including discussion
16.05 – 16.30 Tea, view posters and exhibits	Times, titles and presenters to be added later (10 cases)
16.30 – 17.30 Forum: GI tests in practice Alex German, Jorge Steiner, Denis DeNicola , Steve Stockham	

17.40 ESVCP AGM

19.30 – Barbeque supper Moller Centre lawns

Thursday 7 September

8.30 Congress registration desk opens with coffee

Toxicological Clinical pathology Research presentations**DPC Users group****Sponsor: Novartis**

8.45 –9.15 RAC guidelines for hepatotoxicity testing, Laura Boone, USA	Oral research presentations 15 mins each (including 12 mins + 3 mins for questions)	9.00-9.40 DPC veterinary assays /Canine TLI Tami Robins, USA
9-15 –10.00 Use of clinical pathology biomarkers in preclinical development for assessment of human hepatotoxicity potential, Peter OBrien, U.K.	Titles and presenters TBA 15 presentations	9.40 –10.00 How to interpret conflicting results of T4 and TSH in dogs Brigitte Siliart, France
10.00-10.25 Coffee view posters and exhibits		
10.25-11.10 Histopathology of hepatotoxicity, Laura Boone, USA		10.25 –11.05 Exocrine pancreatic insufficiency heritability in German shepherd dogs clinical study in 104 GSD whitlow TLI timing Lucile Martin, France
11.15 – 12.00 Haematotoxicity, Florence Poitout, Canada		11.05 –11.45 Haematological effects of pregnancy on the Han Wistar rat Angie Rees, U.K. 11.45 – 12.20 Do the new cardiac biomarker tests work in dogs ? Joy Archer U.K.
12.05 – 13.05 Exhibitors' presentations 15 mins each (4)		12.20 –13.05 Questions and answers DPC technical support

13.05– 14.30 Lunch

Rodents and birds biorhythms

Haematology Updates

Leader: Dai Davies (ACCP), AstraZeneca, UK

14.00 –14.15 Introduction. D Davies, UK	14.30 –15.15 Platelet aggregation techniques Florence Poitout, Canada
14.15 –14.45 Seasonal physiology: from circannual rhythms to clock genes in sheep. Hakan Andersson, Sweden	15.20-16.05 Primary hyperfibrinolysis in the dog;overview and notes on the thromboelastography technique, George Lubas , Tomasso Furlanello, Italy
14.45-15.15 Defining transient melatonin receptor expression in the developing gonadotroph. Johnatan Johnston UK	
	4.05-4.30 Tea view posters and exhibits
15.15 –15.45 The biological clock controlling avian seasonal breeding Peter Sharpe UK	16.30 –17.15 D-Dimer and coagulation testing in dogs, Reinhard Mischke, Germany
15.45 –16.15 Tea view posters and exhibits	
16.15-16.45 real time imaging of the superchiasmatic circadian clockwork Elizabeth Maywood UK	
16.45 - 17.15 How estrogens trigger programmed uterine events Jonathan Moggs UK	

17.30 ECVCP AGM

- 19.30 Pre dinner drinks on the lawns and Congress Dinner, Gonville and Caius College Dining Hall, University of Cambridge
- Award of prizes for best oral presentation, best poster and best case presentation

Friday 8 September

8.00 – 10.20 Registration (with morning coffee)

Diagnostics in lymphoma***Renal and cardiac toxicity in laboratory animals*****British Veterinary Oncology Society****Michael York (ACCP), GSK**

8.45 – 9.30 Unusual presentation of lymphoma in dogs Jane Dobson U.K.	8.45 –9.00 Philosophy and strategy of the ILSI biomarker initiative, Michael York, UK
9.35 –10.20 Lymphoma diagnostics in humans Anthony Todd, UK	9.00- 9.30 Analytical and biological evaluation of cardiac troponin measurement in laboratory animals, Michael York, UK
	9.235 – 10.20 Novel biomarkers of nephrotoxicity:evaluation in the Wistar rat given papillary and cortical toxins, Graham Betton, UK

10.20 –10.40 Coffee view posters and exhibits	
10.40 11.25 The new classification of lymphoma in dogs, VE Ted Valli, USA	10.40 – 11.20 Biomarkers of testicular toxicity Dai Davies, UK
11.30- 12.15 PARR and immunophenotyping for lymphoma, Anne Avery, USA	11.20 –13.05 Oral research presentations, 15 mins each (7 presentations)
12.20 –13.05 Atypical mitoses, cytology, histology, and interpretation, Harold Tvedten, Sweden	

13.05 – 14.15 Lunch

Diagnostics in Lymphoma continued

Distance education in clinical pathology

Workshop leader, Anne Lanevschi, Spain

14.15 –14.45 Molecular genetics of canine leukaemia, Laura Blackwood, UK	14.15 –15.50 Learning theory for web-based teaching in clinical pathology, and experience with VIN, K Freeman, UK
14.50- 15.30 DNA tests and genetics in canine neoplasia, David Sargan, UK	14.50- 15.20 Use of the computer as a robot teacher that is ready when the student is, H Tvedten, Sweden
15.35 –16. 15 Mast cells: morphology and markers, Susan Murphy, UK	15.20-15.50Rules, tips, and errors when writing examination questions, S Stockham, USA
16.15-16.45 Forum on diagnostics in lymphoma leader, Harold Tvedten, Sweden. Participants: Jane Dobson, UK; Laura Blackwood, UK; Ted Valli, USA; Malcolm Brearley, UK; Gerry Poulton, UK; Susan Shaw, UK; Elizabeth Villiers, UK.	15.50-16.05European Credit Transfer System (ECTS): an update, JJ Ceron, Spain
	16.05-16.45 Roundtable: Module development for distance education in clinical pathology

16.45 Tea& close of congress

Saturday 9 September

Workshop on cytology in the diagnosis of lymphoma

Convener: Harold Tvedten, Sweden