

ECVP Newsletter

<http://www.ecvpath.org/>



Dear Colleagues, every year, at this time, Council is very pleased to provide you with **all relevant news and information.**

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The College and the EU General Data Protection Regulation (GDPR)



In order to comply with the new GDPR regulations (<https://www.eugdpr.org/key-changes.html>), the College is required to let you know what information is held and why. The new regulations mean that **you have to actively opt in so that the College may continue to process your data.**

You have received an e-mail recently where we asked for your consent. Your data will **only be used for the purposes of administration of your diplomate/title and status and will not be shared with third parties** unless necessary for administering your membership benefits. The only third party currently receiving your membership details is the publisher of our ECVP journal “Veterinary Pathology”. The ECVP would disclose only the minimum amount of information required for the Publisher’s purposes.

Access to your personal information is limited to ECVP or EBVS staff who have a legitimate interest in it for the purpose of carrying out their duties. As diplomates of the ECVP we are all listed on the EBVS website as European Veterinary Specialists (<http://ebvs.eu/specialists>). We encourage you to have a look and update your profile as needed.

An update will be made at the AGM in September.

IMPORTANT UPDATE FOR THE 2020 EXAMINATION

1. LABORATORY ANIMALS

As of the 2020 Examination, the Veterinary Pathology minor item of **Laboratory Animals will be modified** to better reflect the current professional context in which comparative pathologists work. The main change will be the inclusion of animal models of human diseases and the distribution of topics will become: 40% Non-infectious spontaneous background pathology of laboratory animals, 20% Infectious diseases of laboratory animal species and 40% Pathology of specific animal models of human diseases (transgenic, experimental, infectious...). Accordingly, the reading list will be updated as below (the updates are underlined>:



By G. De Benedictis

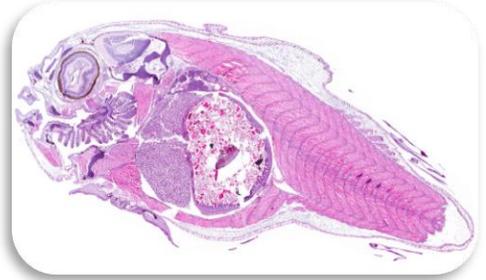
2020 Examination update...

Books : 1. *Pathology of Laboratory Rodents and Rabbits*, by S.W. Barthold, S.M. Griffey, D.H. Percy, 4th ed, Wiley-Blackwell, 2016. ISBN: 978-1-118-82424-5; 2. *Nonhuman Primates in Biomedical Research, Volume 2: Diseases, Chapters 1, 2, 4 and 6*. By C.R. Abee, K. Mansfield, S.D. Tardif, T. Morris, 2nd ed, American College of Laboratory Animal Medicine, Academic Press, 2012. ISBN-13: 978-0123813664; 3. *Background Lesions in Laboratory Animals; A Color Atlas*. By Elizabeth McInnes, 1st ed, Saunders Ltd. 2011. eBook ISBN: 9780702049248. Hardcover ISBN: 9780702035197.

Journals : 1. *American Journal of Pathology* (articles relevant to animal models of human diseases); 2. *Veterinary Pathology* (articles relating to Lab animal spontaneous diseases and animal models of human diseases); 3. *Comparative Medicine*

2. FISH

Beginning with and including the 2020 Examination, the Veterinary Pathology minor item of **Fish will be discontinued** and hence will no longer be an option for candidates. Fish pathology cases will still be included in the Histology and/or Gross sections as appropriate.



TRAINING

Specific training opportunities for residents and trainers during the Annual Conference in Cluj-Napoca

Both the Council and Examination Committee are committed to promoting and giving relevant updates about the ECVF examination. Once more, in collaboration with the ESVP/ECVP Scientific Committee, a dedicated session is scheduled to provide information on the ECVF examination. This will be of interest not only for colleagues who are preparing for the examination, but also for their training supervisors. This year, the session will focus on the Comprehensive Pathology section. The presentation will be given by a former member of the Examination Committee (Prof. Sven Rottenberg), and will take place on **Thursday, September 6th, between 14:30 and 15:30**.

Attendance will be credited with CPD points towards the re-registration of active members.

Of course, in addition to this specific session, representatives from the ECVF Council and Committees will attend the meeting and will be pleased to discuss with any colleague interested in our activities.

Training centre update



The ECVF currently has **49 registered training centres**. They are located in 18 countries, thereof 16 European countries and 2 centres offering ECVF residency training in Australia and Canada. Among the European countries, Spain is the leading country in terms of numbers of training centres. Since the CEU Cardinal Herrera University of Valencia registered last year, Spain now has 9 different ECVF training centres.

This is a substantial increase compared with just over 30 training centres when the first registration of training centres was carried out in 2006.

Training ...

Most training centres offer training via the regular route. Some provide only one aspect of the residency programme and have established collaborations with other institutions to fulfil the criteria for the alternate route. While regular training centres are mainly academic institutions, some diagnostic laboratories and government labs cover alternate training. In the past, residency training via the alternate route was offered by at least one pharmaceutical company, this branch of our profession is nowadays not represented as training centre. Some residency programs have been training residents very successfully since the first examination took place in 1999 with a record of over 10 new Diplomates. In other training centres, no resident finalized the programme as boarded Diplomate. Some other training centres, although they successfully applied to become an ECVF residency training centre, prefer to train their young pathologists for the ACVP examination. Further training centres were active in the past but did not continue after retirement of a program director or reorganization of their department.

In order to remove these inactive training centres from our records, **the ECVF will soon implement a re-registration scheme for ECVF registered training centres.**

Summer School 2018 in Valencia !

The Summer School 2018 will take place in Alfara del Patriarca, Valencia, Spain, **from Monday, July 16th to Friday, July 27th 2018.** It is being organized by the pathologists from University CEU Cardenal Herrera, Alfara del Patriarca. We thank the local organisers and the Education Committee, led by Chiara Brachelente, for the excellent preparation of the event. The **70** registered participants will enjoy a programme that is, as usual, a combination of modules that provide specific training towards exam preparation (*i.e.* **Mock examination**) and more broad topics, such as Notifiable Diseases, as well as species (Fish, Reptile, Marine mammals) and organ system (GI and Urinary tracts)-specific modules.



The venue of the Summer School at University CEU Cardenal Herrera, Alfara del Patriarca

If one of the topics is of particular interest for you and you are keen to attend, please contact the ECVF Office to investigate any last minute options: **part time attendance** is also an option for those who cannot attend the full programme! For more information on the annual programme and location of the Summer Schools, please refer to our website at <http://www.ecvpath.org/summerschool/>.

Welcome to our new members



LAST ANNUAL CERTIFYING EXAMINATION was held in February, as usual. A total of 11 candidates completed these successfully. Congratulations! We warmly invite you to join us to welcome our new diplomates who will receive their diplomas during our **Annual General Meeting (AGM)** which will take place during the Annual Conference in Cluj-Napoca, **on Thursday, September 6th, 2018, from 18:00.**

The ECVP and its sister organisations: the ACVP and the ESVP

In March this year, the **ESVP** Board was joined by the ECVP President during their meeting in Ljubjana. We discussed a lot of practical issues regarding the 2018 to 2020 conferences, and common plans. The ECVP President and ECVP Secretary attended the ACVP meeting held in Vancouver in early November 2017. They met and discussed with the ACVP Council, and the President gave a presentation to the ACVP Town Hall meeting updating ACVP on our College current status and activities. Various topics were discussed, especially the integration of modern technologies in our daily work, in academia, diagnostic practice or industry (see paragraph below about Computational pathology).



Dr. Pierre Maliver presenting at the ACVP Town Hall (Vancouver, November 2017)



Former ACVP president Dr. Anne Barger, Dr. Pierre Maliver and Dr. Sandra Scholes (Secretary)

A brainstorming meeting also took place focusing on the possible structure and role of the International Veterinary Pathology Coalition (IVPC). It included representatives from multiple international Colleges and Societies. The IPVC mission was defined as: develop an international network for training opportunities, foster international research collaborations and facilitate combined meetings involving multiple pathology groups.

ESVP/ECVP Annual Meeting: we are now fast approaching our Annual Conference that will take place in Cluj-Napoca **between September 5th and 8th**. Please be aware that **the deadline for early registration is July 1st!** We are looking forward to a diverse and interesting conference, covering all aspects of our profession and to seeing you all in Cluj-Napoca!

http://esvp-ecvp2018.usamvcluj.ro/registration_step1.html

Sincerely, The ECVP Council

EBVS News...



Re-registration of our College with the EBVS

One important piece of news is the re-registration of our College with the EBVS. Every 5 years, a detailed report is required by the EBVS. This document was submitted in mid of November 2017 for review and approval.

The EBVS has streamlined and updated the procedure by changing the focus to provision of evidence that our college meets EBVS-set criteria. Our College also had to reflect on progress over the last 5 years, highlighting any areas of good practice and innovation, as well as areas of challenge, solutions and learning points. The College also provided a 10-year strategic plan which will be presented to all members during the next AGM.

The EBVS AGM took place on April, 19th and 20th, with the ECVP president in attendance.

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The EBVS acknowledged that the College “produced a comprehensive 5-year report which shows it is dynamic, responsive to members needs and is forward looking. The strategic plan is considered as very commendable, relevant and comprehensive”. The EBVS recommends some changes to our Constitution in order to be compliant with the recent additional EBVS policies. **Our revised Constitution will be circulated to you by e-mail prior to the AGM, where the proposed changes will be put to the membership for approval.**

Overall, this re-registration represented a significant effort from the Council, namely the Administrative assistant, Secretary and Secretary-elect, Chair of the Examinations Committee.

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EBVS and the correct use of the veterinary specialist title

The new Trade Mark (TM) of EBVS has been registered with the European Union Intellectual Property Office (EUIPO). Therefore, the TM may be used by all EBVS-recognized specialists, namely the certified Diplomates, but cannot be used by non-certified (‘non-practising’) Diplomates. Both certified and non-certified Diplomates may still use the title ‘Diplomate’.

In order to comply with trademark regulations, the policy is that the mark EBVS must be in capital letters and Times New Roman font, and the descriptive terms following it in font Calibri. The mark must always be used with the ® symbol, i.e. EBVS®.

In our case: ‘Name Surname EBVS® European Specialist in Veterinary Pathology’.

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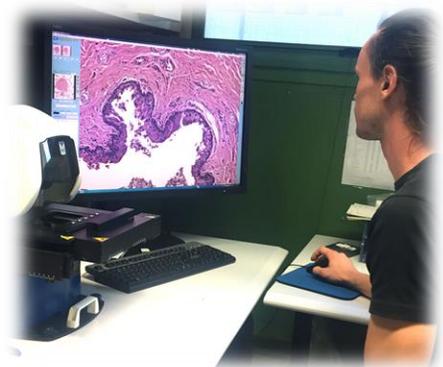
The EBVS and EQF recognition procedure: update

The EBVS as the body representing all European Veterinary Specialists towards the public, is aiming to gain legal recognition of our specialist status. As already mentioned in the 2017 Newsletter, EBVS has submitted an application towards the recognition of our diplomate statuses as level 8 competency (the maximum level) within the European Qualifications Framework (EQF) in November 2016. The recognition procedure is still ongoing. For more information on this important topic, see, for example:

<http://www.cedefop.europa.eu/en/events-and-projects/projects/european-qualifications-framework-efq>.

Computational pathology: a member outlook (Dr. Kuno Wuersch)

Last week, one form of artificial intelligence touched my life when I came back from the USA and passed passport control at Zurich airport. There was no friendly smile waiting for me but just a scanner to retrieve my passport information followed by a double-doored gate where a camera retrieved my facial landmarks and matched these with the information in my passport. This example is relatively trivial but gives a flavor of what the future holds. The ever rising computer power and enhanced graphic processing units (GPU) as provided by nvidia: (<https://blogs.nvidia.com/blog/2018/03/27/quadro-gv100-deep-learning-simulation/>) allow a relatively old concept of artificial neuronal networks first introduced by Frank Rosenblatt in 1958 to have an important renaissance.



Computational pathology....

Applying neuronal networks to diverse problems such as categorizing images, image captioning, or language translations has become utterly successful and demonstrated fast progress in recent years. Several contests like Imagenet's Large Scale Visual Recognition Challenge (<http://image-net.org/challenges/LSVRC/2017/#loc>) or Microsoft's COCO 2015 image captioning challenge seeding Google's open source algorithm "show and tell" first (<https://research.googleblog.com/2016/09/show-and-tell-image-captioning-open.html>) are examples of this progress. Another astonishing example is the high quality provided by the deepL translator (<https://www.deepl.com/translator>).

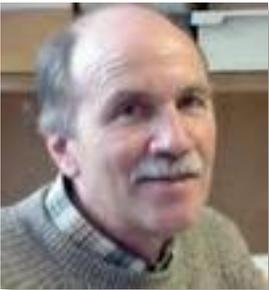
How does the implementation of algorithms and ever increasing computational power affect our profession of veterinary pathology?

If we turn to human medicine, there is already a first line of startups like PAIGE (www.paige.ai) and several examples of diagnostic algorithms have been published (Han et al 2017). Within veterinary pathology, the ACVP has set a strategic goal (presented at last year's town hall and in the March newsletter 2018) to align the computational possibilities with the future practice of veterinary pathology. Every pathology institute, diagnostic lab or pharmaceutical company sits on a hidden treasure to be raised. Thousands of glass slides waiting to be released from dark data into digital knowledge.

This year, several European pathology societies (SFTP, SVTP, ECVF-ESVP) are organizing congresses and seminars touching on the subject of computational pathology, augmented intelligence, deep neuronal networks and other related topics in this field.

Kuno Wuersch

Obituary Beat Hauser (May 27th, 1946 – June 1st, 2017)



Dr. Beat Hauser, a Senior Pathologist at the Institute of Veterinary Pathology, Vetsuisse Faculty, University of Zurich, unexpectedly passed away on June 1st 2017. He graduated in 1970 from the same Faculty and then joined the Institute of Veterinary Pathology as assistant and graduate student of Prof. Hugo Stuenzi, who early recognized and encouraged his special talents for veterinary pathology. Beat Hauser completed a postgraduate training for two years, one year in the UK at Huntington Research Center and another year at the College of Veterinary Medicine, Davis California, USA. He continued his professional career at the Institute of Veterinary Pathology of the Veterinary Faculty, University of Zurich, where he retired at the end of 2008.

Beat was interested in a wide range of diseases of a variety of animal species. In his thesis he thoroughly and extensively investigated the pathology of testicular tumors in dogs. At the same time he focused on a project on tumors of the respiratory tract and this project developed into a WHO book on the classification of respiratory neoplasms in animals published by Hugo Stuenzi and Beat Hauser as coauthors. Tumor pathology including cytological diagnostics was a major subject of Beat's interest throughout his professional life. His histological and cytological expertise was unique, numerous students, graduate students and colleagues could benefit from his knowledge and from his patience. Beat Hauser a «renaissance like genius in a special sense» with encyclopedic memory on a wide spectrum of diseases in domestic and exotic animals and comparative anatomy, His background knowledge made him especially modest. His remarkable teaching courses on poisonous plants were a perfect example of his broad interests and knowledge.

Privately, Beat was fascinated by nature in general. He was an outstanding wildlife photographer particularly of birds and wild boars. He enjoyed loneliness in the middle of nature, in recent summers mainly in Tuscany. This was the place, where he died unexpectedly on June 1st 2017, only a few days after his 71st birthday.

We will remember Beat and sadly miss him. (*Felix Ehrensperger and Andreas Pospischil*)