

2014 report of the Endocrine Working Group

Message from the new Chair and Secretary

(http://www.esp-pathology.org/fileadmin/assets_association/pdf/ESP_Newsletter/Newsletter_19_Winter.pdf)

Dear members,

During the last business meeting of the Endocrine working group, which was held in London during the 26th ECP, we were elected as new chair and secretary. We wish to thank you for the confidence you have put in us to lead the Endocrine working group during the next three years. It will be a challenge to meet the high standards set by our predecessors, but we will do our utmost to continue their mission. We sincerely thank our past chair Anne Couvelard and secretary Yersu Kapran for their tremendous efforts and achievements which have inspired us so much.

Endocrine pathology is a rapidly growing discipline encompassing diseases frequently encountered in the daily practice of cytology and pathology. Diseases previously believed to be rare have increased in both incidence and prevalence over the last years. New immunohistochemical approaches and molecular technologies have been adopted to accurately characterize and classify several of these endocrine and neuroendocrine neoplasms. The mission of the Endocrine working group is to create, with the help of all interested pathologists, a network of constructive collaborations, which will be instrumental in the successful organization of symposia, lectures, slide seminars and short courses in upcoming meetings. Continuing the excellent work of our predecessors, we will organize sections in which morphological diagnostic aspects will be integrated with molecular technologies in order to improve the diagnosis and characterization of endocrine diseases. We will also increase the collaboration with other working groups and organize joint sections that cover issues relevant to multiple disciplines. In the next ECP, which will be held in Belgrade in September 2015, an exciting joint symposium will be organized with the Cytology working group entitled “Do more with less: diagnosis of digestive and pulmonary NETs on FNA” covering the delicate role of fine needle aspiration guided by endoscopic ultrasound (EUS-FNA) in the diagnosis of lung and digestive neuroendocrine neoplasms. In addition, specific Endocrine sections will be dedicated to biomarkers in thyroid malignancies and to news in endocrine/neuroendocrine pathology.

Although we will work hard to guarantee the high scientific level of the Endocrine working group, we rely on the support of all European endocrine pathologists in order to be successful. We will also make every effort to attract young pathologists and residents to join our working groups to secure the future of our discipline.

With the hope to meet you in Belgrade at the 27th ECP we wish you all the best.

Ola Nilsson and Stefano La Rosa

Status of the Endocrine Working Group

The Working Group has many active members, some of which are also members of other Working Groups within the ESP. Since our society has decided on a new system for the management of working group membership, there will be accurate numbers at the end of the membership application round.

At this scope we **invite all interested members of ESP to apply for Endocrine WG** using the online-based system to help the chairman and secretary in collecting and updating the list of members.

Important All existing Endocrine WG members have to enter into this online-based system and register for the Endocrine Working Group. If the currently existing members do not register online, they will no longer be members of the group

Endocrine Working Group activities during the 26th ECP in London

Joint Symposium (Endocrine and cytology). Thyroid surgical pathology and cytopathology: Same target different problems?

Chairs: Livolsi V, Viehl P

- The "grey zone" in follicular lesions: challenges in cytopathology. Viehl P
- The "grey zone" in follicular patterned tumours: Challenges in histopathology. Livolsi V
- The "grey zone": Do ancillary techniques help the cytopathologist? Fadda G
- Follicular patterned tumours: Do ancillary techniques help the histopathologist? Sobrinho-Simoes M
- Poorly differentiated thyroid carcinomas: challenges in histopathology and cytopathology. Papotti M

Symposium. Unifying concepts in carcinoids/well differentiated NETs, from head to toes.

Chairs: Klöppel G, Rindi G

- Tumors with similar features but different names? Klöppel G
- Classification and terminology: What is common? Why is it different? Rindi G
- Do tumourigenic and signalling pathways go the same route? Perren A
- Should the same targeted therapies be used for any site? Baudin E

Slide Seminar. Difficult issues in endocrine tumours.

Chairs: Sobrinho-Simoes M, Komminoth P

Speakers: Fabre A, La Rosa S, Perren A, Komminoth P, Cazes A, Cameselle Teijeiro M, Livolsi VA, Volante M.

Oral free presentations.

- Eloy C: The grey zone between small cell carcinoma and Ewing family tumour of the thyroid
- Delektorskaya V: Immunohistochemical expression of somatostatin receptor subtypes 2 and 5 in Merkel cell carcinoma: Preliminary data
- Coban I: Utility of emerlin Immunohistochemistry (IHC) in well differentiated epithelial lesions of thyroid
- Lakiotaki E: Clinical significance of cannabinoid receptors CB1 and CB2 expression in human malignant and benign thyroid lesions
- Theocharis S: Clinical significance of EphB4 and EphB6 expression in human malignant and benign thyroid lesions
- Blank A: Interlaboratory variability of MIB1 staining in well differentiated pancreatic neuroendocrine tumours
- Lamba Saini M: Expression of MAP kinases in Papillary Thyroid Carcinoma (PTC)
- Souza-Mello V: Telmisartan acts as a pan-peroxisome proliferator-activated receptors agonist in adipose tissue to counter obesity in C57BL/6 mice

The Endocrine working group hosted 55 posters

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Endocrine Working Group activities organized for the next 27th ECP in Belgrade

Business Meeting. What's new in 2015 endocrine pathology?

Chairs: Perren A, Nilsson O

- News in lung neuroendocrine pathology. Fabre A.
- News in adrenocortical pathology. Tissier F.
- News in pheo-paraganglioma pathology. de Krijger R
- News in digestive neuroendocrine pathology. La Rosa S.
- News in thyroid-parathyroid pathology. Dettmer M.

Symposium. Biomarkers in thyroid malignancy

Chairs: Kapran Y, Papotti M

- Well differentiated carcinoma with and without Hürthle cell features. Sobrinho-Simoes M
- Poorly and undifferentiated tumours. Papotti M
- Medullary carcinoma and rare tumours. Cameselle-Teijeiro M
- Targeted therapy of thyroid carcinoma. Brilli L.

Joint Symposium (Endocrine and cytology). Do more with less: diagnosis of digestive and pulmonary NETs on FNA

Chairs: La Rosa S, Cochand-Priollet B

- FNA technique in NET: the endoscopist point of view and collaboration. Sadik R.
- How to manage the small material? Bongiovanni M.
- Determining NET grading in small FNA samples: is it accurate? Weynand B
- Small samples in the diagnosis and prognosis of pancreatic NET. Fabre M
- Small samples in the diagnosis and prognosis of pulmonary NET. Pelosi G