

# Annual Report of ESP Endocrine Pathology WG 2015

## Message from the Chair and Secretary

Dear members,

2015 has been a very exciting year for endocrine pathology. Thanks to the commitment of all members, we have been able to provide high quality educational activities as well as an active forum for scientific discussions and collaborative projects. The activities of the Endocrine Pathology WG at the 27<sup>th</sup> Congress of the European Society of Pathology in Belgrade met with great success. We had a Business Meeting entitled “What’s new in 2015 endocrine pathology?”, a Symposium entitled “Biomarkers in thyroid malignancy” and a Joint Symposium organized together with the Cytology WG entitled “Do more with less: diagnosis of digestive and pulmonary NETs on FNA”. There were also 31 posters and 9 oral presentations. We would like to thank all the speakers, presenters and discussants for their contributions, which made this meeting a great success.

During 2015 we have finalized the program for the upcoming meeting in Cologne. This meeting will be organized jointly by ESP and IAP and will take place 25<sup>th</sup> - 29<sup>th</sup> September 2016 in Cologne, Germany. Together with Prof. Aurel Perren (German division of IAP) and Prof. Robert Osamura (IAP), we have been able to provide a very exciting program for endocrine pathology. We also received support for an ESCoP Course in “Thyroid Pathology” which will be organized by Stoian Alexov 6<sup>th</sup>-8<sup>th</sup> June 2016 in Varna, Bulgaria. The final program for this course is provided below.

Any suggestions, contributions and support from all European pathologists interested in endocrine pathology are very welcome because they help us to guarantee the high scientific level of the Endocrine working group.

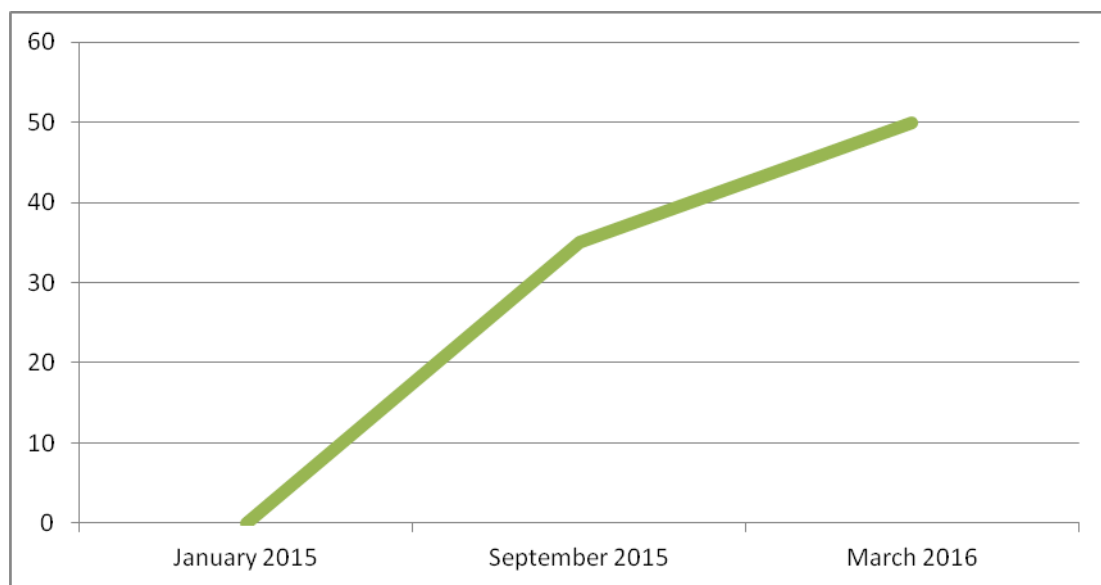
With the hope to meet you in Cologne at the 28<sup>th</sup> ECP we wish you all the best.

Ola Nilsson and Stefano La Rosa

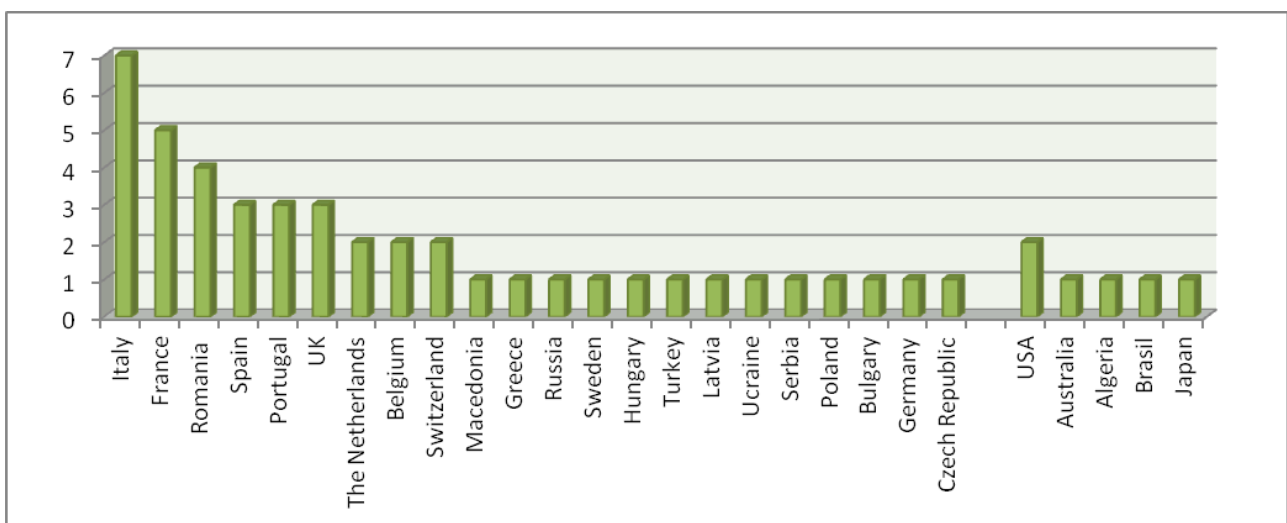
## Status of the Endocrine Working Group

Since 2015 all members of our Society have been asked to apply for a specific Working Group. The number of members of the Endocrine Working Group has progressively increased in the last months reaching a total number of 50 registered at the end of March 2016 (Figure 1). 88% of members are from Europe whilst 12% are from countries outside Europe including USA, Australia, Algeria, Brazil, and Japan. The distribution of members among different countries is provided in Figure 2.

We encourage all members of ESP who have an interest in endocrine pathology to apply for membership in the Endocrine Pathology WG using the online-based system to help the chairman and secretary in collecting and updating the list of members.



**Figure 1.** The number of members of the Endocrine Working Group has been increasing over time



**Figure 2.** Distribution of members of the Endocrine Working Group among the European and non-European countries

## **ESP Advanced Training Centre for Endocrine Pathology**

We are very proud to announce the establishment of an ESP Advanced Training (EAT) Centre for Endocrine Pathology with an emphasis on Thyroid and Parathyroid Tumors. The Centre is based on Ipatimup (Institute of Molecular Pathology and Immunology of the University of Porto) “consortiated” with the Service of Pathology of the Centro Hospitalar S. João/Medical Faculty of the University of Porto (CHSJoão-FMUP). Address of Ipatimup is Rua Júlio Amaral de Carvalho, 45; 4200-135 Porto, Portugal. Chair of the Centre: Manuel Sobrinho-Simões, MD, PhD Prof. and Director, Ipatimup. e-mail: [ssimoes@ipatimup.pt](mailto:ssimoes@ipatimup.pt)

For further details see the following web-site:

<http://www.esp-pathology.org/society/key-activities-and-services/esp-advanced-training-centres-giordano-fellowship.html>

## **ECP Belgrade 2015**

### **Endocrine Pathology WG activities at the 27<sup>th</sup> 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

### **31 posters and 9 oral presentations**

## Outlook

### ESCoP “Update in Thyroid Pathology”, 6<sup>th</sup>-8<sup>th</sup> June 2016 Varna, Bulgaria

Please, go to the following web-site for more information:

[http://www.esp-pathology.org/society/news-and-events/news-details-page.html?tx\\_news\\_pi1%5Bnews%5D=25&tx\\_news\\_pi1%5Bcontroller%5D=News&tx\\_news\\_pi1%5Baction%5D=detail&cHash=01294f9e039c766d013fe13ffb4c27ed](http://www.esp-pathology.org/society/news-and-events/news-details-page.html?tx_news_pi1%5Bnews%5D=25&tx_news_pi1%5Bcontroller%5D=News&tx_news_pi1%5Baction%5D=detail&cHash=01294f9e039c766d013fe13ffb4c27ed)

### June 6<sup>th</sup> -Monday- Benign and malignant follicular patterned lesions

Time	Title	Faculty
8.45-9.00	Introduction to the course, faculty and program	Sobrinho-Simões
9.00-10.00	<b>Interactive case-based session:</b> Goiter, thyroiditis and drug-dependent morphological alterations	Eloy/Ryska
10.00-10.30	Coffee break	
10.30-12.30	<b>1/Slides discussion with the faculties</b> (10 cases including 3 from the participants)	Eloy/Ryska
12.30-13.00	<b>Keynote Lecture:</b> Pre-analytics of histopathology	Bussolati
13.00-14.00	LUNCH	
14.00-15.30	<b>Interactive case-based session:</b> Tumor with follicular growth pattern	Sobrinho-Simões/Ryska
15.30-16.00	Coffee break	
16.00-18.00	<b>2/Slides discussion with the faculties</b> (10 cases including 3 from the participants)	Sobrinho-Simões/ Ryska
18.00-18.30	<b>Quiz:</b> Non neoplastic and follicular lesions – progress evaluation	Sobrinho-Simões/ Eloy/Ryska

### June 7<sup>th</sup> -Tuesday- Papillary carcinoma, medullary carcinoma, poorly differentiated carcinoma , and anaplastic carcinoma

Time	Title	Faculty
9.00-10.30	<b>Interactive case-based session:</b> Papillary carcinoma and medullary carcinoma	Sobrinho-Simões/ Kapran/ Ryska
10.30-11.00	Coffee break	
11.00-11.30	<b>Keynote Lecture:</b> Historical background on C cells and medullary carcinoma	Bussolati
11.30-13.30	<b>3/Slides discussion with the faculties</b> (10 cases including 3 from the participants)	Sobrinho-Simões/Kapran/Ryska
13.30-14.30	LUNCH	

14.30-16.00	<b>Interactive case-based session:</b> Poorly differentiated/anaplastic carcinoma	Sobrinho-Simões/ Eloy/ Ryska
16.00-16.30	Coffee break	
16.30-18.00	<b>4/Slides discussion with the faculties</b> (8 cases including 3 from the participants)	Eloy/Ryska
18.00-18.30	<b>Quiz:</b> Differentiated and poorly differentiated thyroid carcinomas – progress evaluation	Sobrinho-Simões Eloy/Kapran/Ryska

**June 8<sup>th</sup>-Wednesday morning - Miscellaneous thyroid neoplasms**

<b>Time</b>	<b>Title</b>	<b>Faculty</b>
9.00-10.30	<b>Interactive case-based session:</b> Rare thyroid tumors	Kapran/Ryska
11.00-11.30	Coffee break	
11.30-13.00	<b>5/Slides discussion with the faculties</b> (5 cases)	Kapran/Ryska
13.00-14.00	LUNCH	

## **28<sup>th</sup> ECP, 25<sup>th</sup>-29<sup>th</sup> September 2016, Cologne, Germany**

During the 28<sup>th</sup> ECP, 25<sup>th</sup>-29<sup>th</sup> September 2016 Cologne, Germany, the Endocrine Pathology WG organizes the following sessions:

### **1) Symposium: "What's new in the new WHO classification of endocrine tumors?"**

Chairs: K. Kakudo, A. Perren

1. Update of WHO Classification of pituitary tumors - R. Osamura (Japan)
2. Update of WHO Classification of thyroid and parathyroid tumors – G. Tallini (Italy)
3. Update of WHO Classification of adrenal tumors and paraganglioma – A. Tischler (US)
4. Update of WHO Classification of endocrine pancreatic tumors - G. Klöppel (Germany)
5. Update of WHO Classification: Hereditary endocrine tumor syndromes - A. Couvelard (France)

### **2) Short Course: "Molecular Endocrine Pathology going into practice"**

Chairs: O. Nilsson, G. Tallini

1. Update in molecular pathology of differentiated thyroid carcinoma - R. Katoh (Japan)
2. Update in molecular pathology of paraganglioma - A. Lam (Australia)
3. Update in molecular pathology of pancreatic and intestinal neuroendocrine neoplasms - A. Scarpa (Italy)
4. Update in molecular pathology of pulmonary neuroendocrine tumors - M. Volante (Italy)

### **3) Short course: "Pathologists guiding oncologists' decisions in aggressive endocrine tumors"**

Chairs: O. Nilsson, S. La Rosa

1. Diagnosis and treatment of adrenocortical carcinomas, an update - H. Sasano (Japan), E. Baudin (France)
2. Prognostic factors and treatment of gastroenteropancreatic G3 neuroendocrine carcinomas – D. Klimstra (US), H. Sorbye (Norway)
3. Diagnosis and treatment of aggressive thyroid neoplasms – Y. Kapran (Turkey), F. Orlandi (Italy)
4. Diagnosis and treatment of aggressive pulmonary neuroendocrine tumors – W. Travis (US), E. Baudin (France)

### **4) Slide seminar: "Challenges in the daily practice of endocrine pathology"**

Chairs: M. Sobrinho-Simões, G. Rindi

- Case 1 - Pituitary - O. Mete (Canada)
- Case 2 - Thyroid cytology - SoonWon Hong (South Korea)
- Case 3 - Thyroid pathology - M. Sobrinho-Simões (Portugal)
- Case 4 - Pancreas- B. Sipos (Germany)
- Case 5 - Gut- M. Anlauf (Germany)

10 minute of Business affairs of the Endocrine WG (Nilsson and La Rosa)