

# 11<sup>th</sup> INTERNATIONAL VHL SYMPOSIUM MADRID 2014

October 23<sup>rd</sup> / 25<sup>th</sup>

## Organizers

Mercedes Robledo; José María de Campos; Jesús García-Donas; James Gnarra;  
Eric Jonasch, M<sup>a</sup> Elena Kusak; Susi Martinez; Ilene Sussman; Karina Villar

## Scientific Committee

José María de Campos; Carlos Cenjor; Graeme Eisenhofer; Eric Jonasch;  
M<sup>a</sup> Elena Kusak; Eamonn Maher; Marcos Malumbres; Giuseppe Opocher;  
Mercedes Robledo; Karina Villar

**October 22, 2014**

19.00 p.m. Registration at the Hotel

**October 23, 2014**

8.30 Registration (at the Symposium venue)

8.45 Welcome - Mercedes Robledo

9.00 Opening Lecture

*Basic and clinical research in pheochromocytoma: a winning combination*

**Karel Pacak**

National Institutes of Health, Bethesda, USA

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## Session 1 *New insight from OMIC approaches* (talks: 20 minutes + 5 for discussion)

### 9.30 Metabolomic profiling

**Othon Iliopoulos**

Center for Cancer Research, Massachusetts General Hospital Cancer Center,  
Charlestown, USA

### 9.55 Suppression of the Transcriptional Coactivator PGC-1 alpha Drives Metabolic Reprogramming and Tumor Growth in Renal Cell Carcinoma

**Amato Giaccia**

Department of Radiation Oncology, Center for Clinical Sciences Research, Stanford  
University School of Medicine, Stanford, California, USA

### 10.20 Exomes/genomes

**Eamonn Maher**

Department of Medical Genetics. University of Cambridge, UK

### 10.45 Transcript-omics in VHL disease and renal cell carcinoma

**Rathmell WK**

Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill,  
USA

### 11.10 Coffee Break

## Session 2: *The Cilia Centrosome cycle and VHL* (talks: 20 minutes + 5 for discussion)

### 11.40 Role of VHL in Ciliogenesis

**Wilhelm Krek**

Institute of Molecular Health Sciences, ETH Zurich, Zurich, Switzerland.

### 12.05 Aurora kinase and VHL in kidney cancer

**Yannick Arlot**

Institut de Génétique et Développement de Rennes, Rennes, France

### 12.30 – 13.15 Oral presentations (up to 3 short oral presentations)

### 13.30 Lunch and poster view

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## **Session 3. *Diagnosis, prognostic markers and management of VHL*** (talks: 20 minutes + 5 for discussion)

### **15.00 Diagnosis and Clinical management of VHL disease**

**Giuseppe Opocher**

Veneto Institute of Oncology, Padova, Italy

### **15.25 Molecular pathogenesis of a new syndrome of Pheo/Paraganglioma, somatostatinoma and Polycythemia with HIF2 alpha mutation**

**Zhengping Zhuang**

Surgical Neurology Branch, National Institute of Neurological Disorders and Stroke,  
National Institutes of Health, Bethesda, USA.

### **15.50 Pathology of VHL disease**

**Alexander Vortmeyer**

Yale University School of Medicine, New Haven, USA.

### **16.15 Coffee Break**

### **16.45 Screening and diagnostic aspects of Endolymphatic Sac Tumors ELSTs**

**Marie Louise Mølgaard Binderup.**

Dept. of Cellular and Molecular Medicine, University of Copenhagen, Denmark.

### **17.10 Pregnancy and VHL**

**Jacques Lenders**

Radboud University Medical Center Nijmegen, The Netherlands.

### **17.35 Genetic counseling on VHL**

**Ignacio Blanco**

Genetic Counselling Unit L'Hospitalet, ICO-Hospital Duran i Reynals, Barcelona, Spain.

### **18:00 Oral presentations (up to 3 short oral presentations)**

### **18.50 – Bus to the Hotel**

### **20.45 Dinner**

# 11<sup>th</sup> INTERNATIONAL VHL SYMPOSIUM MADRID 2014

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**October 24, 2014**

## **Session 4. Current therapeutic scenario: from the animal models to the patient** (talks: 20 minutes + 5 for discussion)

### **9.00 State-of-the-art of the therapeutic approaches**

**Eric Jonasch**

Department of Genitourinary Medical Oncology, University of Texas MD  
Anderson Cancer Center, Houston, USA

### **9.25 A zebrafish model to study and therapeutically manipulate hypoxia signaling in tumorigenesis**

**Rachel Giles**

University Medical Center Utrecht, The Netherlands

### **9.50 Mouse models of cooperative tumour suppression in clear cell renal cell carcinoma**

**Ian Frew**

Institute of Physiology, University of Zurich, Zurich, Switzerland

### **10.15 Coffee Break**

### **10.45 Cutting edge advances in systemic treatments of neuroendocrine tumours**

**Jaume Capdevila**

Hospital Vall d'Hebron, Barcelona, Spain

### **11.10 Therapeutic markers of antiangiogenic drugs**

**Cristina Rodríguez-Antona**

Hereditary Endocrine Cancer Group, CNIO, Madrid, Spain.

### **11.35 Therapeutic challenges in ocular involvement**

**José García Arumi**

Department of Ophthalmology, Hospital Valle de Hebrón, Barcelona  
Spain

### **12.00 – 12.45 Oral presentations (up to 3 short oral presentations)**

### **13.00 Lunch and poster view**

# 11<sup>th</sup> INTERNATIONAL VHL SYMPOSIUM **MADRID 2014** October 23<sup>rd</sup> / 25<sup>th</sup>

## **Session 5. Challenges in surgery of VHL patients** (talks: 20 minutes + 5 for discussion)

### **14.30 Therapy for sporadic and von Hippel–Lindau related hemangioblastomas of the central nervous system**

**Sven Gläsker**

Department of Neurosurgery, Freiburg University Medical Center, Freiburg, Germany.

### **14.55 Neurosurgery management of hemangioblastomas in difficult locations: Brain stem and spinal root hemangioblastomas - role for neuronavigation and intraoperative neurophysiological monitoring**

**José María de Campos**

Department of Neurosurgery, VHL Unit Care, Fundación Jiménez Díaz, Madrid Spain

### **15.25 Radiosurgery in CNS hemangioblastomas. When and how?**

**M<sup>a</sup> Elena Kusak**

Department of Neurosurgery, Radiosurgery Unit, Hospital Ruber Internacional Spain

### **15.50 Coffee Break**

### **16.20 Minimally Invasive Surgery for Pheochromocytomas and Retroperitoneal Paragangliomas**

**Martin K. Walz**

Kliniken Essen-Mitte, Klinik für Chirurgie und Zentrum für Minimal Invasive Chirurgie, Essen, Germany

### **16.45 Surgery for Endolymphatic Sac Tumors (ELST) and auditory rehabilitation**

**Carlos Cenjor**

Fundación Jiménez Díaz, Madrid, Spain

### **17.10 Challenges in RCC surgery**

**Jean-Jacques Patard**

CHU, Bicêtre, France

### **17.35 – 18.20 Oral presentations (up to 3 short oral presentations)**

### **18.40 – Bus to the Hotel**

### **20.30 Speaker's dinner**

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**October 25, 2014**

*VHL for families*

**8.30 – 9.00 a.m. Registration**

**9.00 The VHL disease explained to the families**

**Karina Villar**

Health Department of Castile-La Mancha, Toledo  
Vice-president Alianza Española VHL, Spain.

**9.30 The experience of the Spanish VHL Care Unit**

**José María de Campos**

Department of Neurosurgery, VHL Care Unit, Fundación Jiménez Díaz, Madrid, Spain.

**10.00 Dealing with the Emotions of VHL Patient. Interactive activity with patients conducted by a psychologist**

**Roberto Álvarez**

Fundación Instituto San José. Hermanos de San Juan de Dios, Madrid, Spain.

**11.00 Break**

**12.00 VHLA's Cancer in Our Gene International Patient Databank**

**Ilene Sussman**

VHL Family Alliance, USA

**12.30 Spanish VHL Alliance: Working together to find a cure**

**Susi Martínez**

Presidenta de la Alianza VHL, Spain.

**13.00 Closure of the Symposium**

**José María de Campos**

Department of Neurosurgery, VHL Care Unit, Fundación Jiménez Díaz, Madrid, Spain.

**14.30 Lunch**