Monday, September 24, 2018

11.00 – 13.30 ESPCR Council Meeting

12.00 – 18.00 Registration and Poster Set up

14.00 – 14.15 Opening Remarks, Marie-Dominique Galibert

Session 1  Development and Biology of the Melanocyte Lineage

Chairs: V. Delmas & I. Jackson

14.15 – 14.45 Carmit Levy & Mehdi Khaled
Tel Aviv University, Israel; Institut Gustave Roussy, France
Skin UV-protection timer

14.45 – 15.00 Lionel Larue, Institut Curie, Orsay, France
β-catenin promotes the specification of melanocytes

15.00 – 15.30 Robert Kelsh, University of Bath, United Kingdom
Zebrafish pigment pattern formation – straightening out striping

15.30 – 15.45 Heather C. Etchevers, Inserm U1251 University of Aix Marseille, France
Constitutive activation of Nras in mouse embryonic neural crest cells promotes melanocyte and follicular density but not tumorigenesis

15.45 – 16.15 Coffee Break

Session 2: From Melanin Synthesis to Function

Chairs: J-C. Garcia-Borron & M. Cario-André

16.15 – 16.45 Shosuke Ito, Fujita Health University, Nagoya, Japan
Chemical characterization of melanin and its application to study regulation of mixed-melanogenesis

16.45 – 17.00 Lucia Panzella, University of Naples “Federico II”, Naples, Italy
The late stages of melanogenesis: exploring the chemical facets and the application opportunities

17.00 – 17.30 Thierry Douki, UMR5819 UGA-CNRS-CEA/ Univ. of Grenoble, France
Contribution of melanin to the specificity of UV-induced DNA damage in melanocytes

17.30 – 17.45 Michal Sarna, Jagiellonian University, Krakow, Poland
Generation of singlet oxygen and super oxide anion by natural melanin pigments

18.00 – 19.00 ESPCR Award Lecture: Sponsored by ESPCR
Chair: L. Montoliu
Alain Taieb, Inserm U1035, University of Bordeaux, France
Vitiligo: learning from research and international collaboration

19.00 – 21.30 Welcome Aperitif at the Couvent des Jacobins
Tuesday, September 25, 2018

Session 3  Melanocytes and their Ecosystems: Cell Migration & Communication
Chairs: E. Healy & E. Steingrimsson

9.00 – 9.30 Laura Machesky, Cancer Research UK, Beatson Institute, Glasgow, United Kingdom
The role of Rho-family GTPases in the melanoblast journey

9.30 – 9.45 Duarte C. Barral, Universidade NOVA de Lisboa, Portugal
The exocyst tethering complex is required for melanin exocytosis from melanocytes and transfer to keratinocytes

9.45 – 10.15 Carien Niessen, Department of Dermatology and CECAD Cologne, Germany
Adhesion and polarity in making, maintaining and breaking epithelial barriers

10.15 – 10.30 Cédric Delevoye, Institut Curie, Paris, France
Caveolae are mechano-signaling platforms of melanocytes required for skin pigmentation

10.30 – 10.45 Farah Jaber-Hijazi, University of Glasgow, United Kingdom
Histone chaperone HIRA in melanoblast development and melanocyte stem cell ageing

10.45 – 11.15 Coffee Break

Session 4  Melanoma and their Ecosystems
Chairs: G. Ghanem & C. Jiménez-Cervantes

11.15 – 11.45 Victoria Sanz Moreno, Cancer Research UK, Kings College London, United Kingdom
Novel roles of ROCK-Myosin II in melanoma

11.45 – 12.00 Lionel Larribère, German Cancer Research Center (DKFZ), Heidelberg, Germany
Molecular relationship between melanocyte early progenitors and melanoma progression and drug resistance

12.00 – 12.15 Sophie Tartare-Deckert, Inserm U1065, Université Côte d'Azur, Nice, France
Discoidin Domain Receptors DDR1 and DDR2 promote matrix-mediated drug resistance (MM-DR) to MAPK-targeting therapies in melanoma

12.15 – 12.30 Cecilia Herraiz, University of Murcia, Murcia, Spain
Downregulation of MGRN1 expression decreases the metastatic potential of melanoma cells in vitro and in vivo

12.30 – 13.15 FLASH TALK SESSION # 1: “Come and visit my poster”
Chair: C. Delevoye

13.15 – 14.30 POSTER SESSION # 1 – Lunch

Session 5  Pigmentation Genetics & Disorders (Part-1)
Chairs: M. Picardo & V. Del Marmol

14.30 – 15.00 William Pavan, Genetic Disease Research Branch, NIH, Washington, USA
Comparative genome biology approaches to pigment variation

15.00 – 15.30 Lluis Montoliu, CNB-CSIC, Madrid, Spain
Understanding patient-specific albinism mutations with CRISPR genome-edited animal models

15.30 – 15.45 Perrine Pennamen, Inserm U1211 - University of Bordeaux, France
Missing variants in albinisms: strategies and preliminary findings in molecularly unconfirmed albinism patients

15.45 – 16.00 Muriel Cario-André, Inserm 1035, University of Bordeaux, France
Cole disease: Role of ENPP1 in regulation of pigmentation and epidermal differentiation

16.00 – 16.30 Coffee Break
Session 6  Pigmentation Genetics & Disorders (Part-2)
Chairs: G. Raposo & D. Barral

16.30 – 17.00  Michael Marks, University of Pennsylvania, Philadelphia, USA
Lessons on melanosome biogenesis from the Hermansky-Pudlak syndromes

17.00 – 17.15  Roberta Colucci, University of Florence, Florence, Italy
Evaluation of gut microbiota in vitiligo patients: preliminary results

17.15 – 17.30  Li Zhang, Huanshan Hospital, Fudan University, China
CXCL10 as Clinical marker of Vitiligo: a prospective cohort study in 300 patients

17.30 – 17.45  Meri K Tulin, Inserm U1065 Université Côte d'Azur, Nice, France
CXCR3B activation at the surface of melanocytes initiates the anti-melanocytic response in vitiligo

17.45 – 18.15  FLASH TALK SESSION # 2: “Come and visit my poster”
Chair: D. Gilot

18.15 – 20.30  POSTER SESSION # 2 – Beer / Cheese and Wine

Wednesday, September 26, 2018

Session 7  Stress, Apoptosis and Metabolism of Pigment Cells
Chair: D. Bennett & S. Moretti

9.00 – 9.30  Barbara Bellei, San Gallicano Dermatologic Institute, Rome, Italy
Oxidative stress and impaired bioenergetic capabilities interplay in vitiligo melanocytes

9.30 – 9.45  Jaskaren Kohli, European Research Institute for the Biology of Ageing, Groningen, Netherlands
Targeting Apoptosis in Senescent Naevus cells as a Novel Preventative Measure against Melanoma

9.45 – 10.15  Colin Goding, Ludwig Institute for Cancer Research, University of Oxford, United Kingdom
Phenotypic heterogeneity and melanoma progression

10.15 – 10.30  Eleonora Leucci, LKI Leuven Cancer Institute, Leuven, Belgium
Treating Melanoma as an infectious disease

10.30 – 11.00  Coffee Break

Session 8  (Epi)genetic of Pigment and Melanoma Cells
Chairs: C. André & R. Luiten

11.00 – 11.30  Pierre Close, Lab. Cancer Signalling, University of Liège, Belgium
Codon-specific translation reprogramming promotes resistance to targeted therapy

11.30 – 11.45  Catherine André, CNRS UMR 6290, University of Rennes, France
Canine oral melanomas as models for genetics and therapies of human mucosal melanomas

11.45 – 12.00  Conrado Martinez-Cadenas, Jaume I University, Castellon, Spain
Ultra-deep targeted sequencing reveals the key role of sun exposure in the accumulation of somatic mutations in cancer-free human skin

12.00 – 12.30  Stephan Vagner, Institut Curie, Orsay, France
The eIF4F Translation Complex Controls T lymphocyte-Induced PD-L1 Expression to Mediate Tumor Immune Escape

12.30 – 12.45  Irwin Davidson, Institut de Génétique et de Biologie Moléculaire et Cellulaire, Illkirch, France
Essential roles of the PBAF and NURF chromatin-remodelling complexes in melanoma
12.45–14.00  Lunch

Session 9  Mechanisms and Modulation of the Melanoma Program
  **Chairs: S. Tartare-Deckert & C. Goding**
14.00–14.30  Jean-Christophe Marine, VIB, Center for Cancer Biology, Belgium
  Melanoma intra-tumor heterogeneity, cellular plasticity and therapy resistance
14.30–14.45  Sébastien Corre, CNRS UMR6290, University of Rennes, France
  Sustained activation of the Aryl hydrocarbon Receptor (AhR) transcription factor promotes the resistance to BRAF inhibitors in melanoma
14.45–15.15  Corine Bertolotto, Inserm U1065, University of Nice Côte d’Azur, Nice, France
  Pivotal role of NAMPT in the phenotypic switch of melanoma cells and resistance to therapies
15.15–15.30  Svenia Meierjohann, University of Würzburg, Germany
  Glutathione-dependent reprogramming of melanoma
15.30–15.45  Lukas Sommer, University of Zürich, Switzerland
  Loss of primary cilia drives formation of metastatic melanoma

15.50–16:45  ESPCR General Assembly

17.00  Departure by bus to Saint-Malo

19.30–22.45  Gala Dinner at “Le Chateaubriand” in Saint-Malo
  Poster Prize – Travel Awards

23.00–24.00  Return by bus to Rennes

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**Thursday, September 27, 2018**

Session 10  Therapeutic Innovation
  **Chairs: L. Sommer & L. Boussemart**
9.00–9.30  Mitchell Levesque, University of Zürich Hospital, Switzerland
  Novel biomarkers and targets in translational melanoma research
9.30–9.45  Fabrice Journe, Institut Jules Bordet, Univ. Libre de Bruxelles, Belgium
  The proteoglycan brevican as a new prognostic marker related to MITF activity in melanoma
9.45–10.15  Luisa Lanfrancone European Institute of Oncology, Milano, Italy
  New treatment opportunities by in vivo and in vitro screening approaches in melanoma
10.15–10.45  Coffee Break

10.45–11.00  Gabriella Guida, School of Medicine, University of Bari, Italy
  New horizons in treatments of metastatic melanoma: the role of tomatine
11.00–11.15  Jacques Rouanet, Inserm U1240, Univ. Clermont/Auvergne - France
  Melanoma targeted radiation therapy by [131I]ICF01012 combined with targeted therapies and immune checkpoint inhibitors

11.15–12.15  Keynote Lecture,
  **Chair: MD Galibert**
  Thomas Tüting Dept. of Dermatology University Hospital Magdeburg, Deutschland
  The role of an inflammatory environment in melanoma disease progression and resistance to therapy

Concluding Remarks

12.30–14.00  Farewell Lunch