# 1-day 2022 ESPCR online meeting - 9 November 2022

**10:00 - 13:00 and 15:00 - 17:00 CET (Madrid/Paris time)**
**Organized by ESPCR Board**
**Program prepared by**
**Lucia Panzella, Muriel Cario-André and Lionel Larribère**

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| 10:00 - 10:05 | Welcome and presenting the 2022 ESPCR Fritz Anders Medal awardee: **Corine Bertolotto** (Université Côte d'Azur, INSERM, C3M, Nice, France) |
| 10:05 - 10:30 | Fritz Anders Medal Lecture: **Corine Bertolotto** |

**Session I - Pigment Cell Development and *in-vivo* models**
Chair: Heather Etchevers

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| 10:30 – 10:40 | The role of melanocytes´ senescence in the process of UV-induced skin aging. **Ines Martic** (University of Innsbruck, Austria) |
| 10:40 – 10:50 | Impaired retinogenesis in patients with albinism: all about L-Dopa? **Sophie Javerzat** (University of Bordeaux, France) |
| 10:50 – 11:00 | Looking again at neural crest cell fate restriction: low-level co-expression of fate-specification factors reveals retained broad multipotency of migrating neural crest cells in vivo. **Robert Kelsh** (University of Bath, UK) |
| 11:00 – 11:10 | Phenotyping new mouse gene-edited CRISPR lines of albinism with patient-specific mutations. **Ana M. Guardia** (National Centre for Biotechnology (CNB-CSIC), Madrid, Spain) |
| 11:10 – 11:20 | Tyrosine-dependent plasticity of melanoma primary culture phenotype and its relevance in cancer progression. **Ahmad Najem** (Université Libre de Bruxelles, Belgium) |

**Session II – Flash Talks**
Chairs: Lucia Panzella and Lionel Larribère

11:30 – 11:33 MGRN1 as a regulator of cell cycle progression in human melanoma cells. **José Sánchez-Beltrán** (University of Murcia, Biomedical Research Institute of Murcia (IMIB), Spain)

11:34 – 11:37 Repression of MGRN1 enhances cell-cell adhesion by E-cadherin in human melanoma cells. **Sonia Cerdido** (University of Murcia, Spain)

11:38 – 11:41 Association of the TYR SNP rs1042602 with melanoma risk and prognosis. **Arrate Sevilla** (Faculty of Science and Technology, UPV/EHU, Leioa, Spain)

11:42 – 11:45 Dedifferentiated melanoma cells hijack the biomechanical properties of lymph node fibroblasts. **Virginie Prod'homme** (Université Côte d'Azur, Inserm, C3M, France)

11:46 – 11:49 Teledermoscopy-Aided Self-Skin Examinations for Remote Triage of Pigmented Lesions. **Emilie A. Foltz** (Oregon Health and Science University, Portland, USA)

11:50 – 11:52 Golgi contact is essential for the generation of lysosomes in differentiated keratinocytes. **Sarmistha Mahanty** (Indian Institute of Science, Bangalore, India)

11:53 – 11:56 A TRP-1 reactive CAR to treat melanoma. **Rohan Shivde** (Northwestern University, Chicago, USA)

**Session III – Vitiligo, other pigmentary disorders and genetics**
Chairs: Muriel Cario-André and Meri Tulic

12:00 – 12:10 Looking at the T memory immune response in normal appearing skin of vitiligo. **Laure Migayron** (University of Bordeaux, France)

12:10 – 12:20 Expression of adhesion molecules in non-segmental vitiligo patients. **Seema Rani** (Hindu Girls College, Sonipat, India)

12:20 – 12:30 NB-UVB therapy response of different body regions in non-segmental vitiligo. **Vidhya S Narayan** (University of Amsterdam, The Netherlands)

12:30 – 12:40 Autoimmunity and disease outcomes of COVID-19, lessons from vitiligo patients. **Nicoline F. Post** (University of Amsterdam, The Netherlands)

12:40 – 12:50 Impact of house dust mite in vitiligo skin: environmental contribution to increased cutaneous immunity and melanocyte detachment. **Hanene Bzioueche** (Université Côte d'Azur, Nice, France)

12:50 – 13:00 Topical antibiotics impact depigmentation in a mouse model of vitiligo. **Ahmed Ahmed Touni** (Northwestern University, Chicago, USA)

13:00 – 15:00 **LUNCH BREAK**

**Session IV – Melanoma**
Chairs: Santos Alonso and Véronique del Marmol

15:00 – 15 :10 Mechanical activation of the collagen receptors DDR1 and DDR2 increases dedifferentiated melanoma cell aggressiveness through an actomyosin/YAP pathway. **Christophe A. Girard** (Université Côte d'Azur, Nice, France)

15:10 – 15:20 Knockdown of lamin B1 and the corresponding lamin B receptor leads to changes in heterochromatin state and senescence induction in malignant melanoma. **Lisa Lämmerhirt** (Friedrich-Alexander University Erlangen-Nürnberg, Germany)

15:20 – 15:30 Germline genetic association on efficacy of immune-checkpoint inhibition in metastatic melanoma patients. **Wouter Ouwerkerk** (University of Amsterdam, The Netherlands)

15:30 – 15:40 Analyzing resistance of AXL- and/or MITF-expressing melanoma cells to immunotherapy. **Walbert J. Bakker** (University of Amsterdam, The Netherlands)

15:40 – 15:50 Clinical interest of ATP1A1 and bufalin to improve metastatic melanoma treatment. **Laura Soumoy** (University of Mons, Belgium)

15:50 – 16:00 Dermoscopic features associated with LINC00518, PRAME, and TERT expression in the stratum corneum of suspicious pigmented lesions. **Alyssa L. Becker** (Oregon Health & Science University, Portland, USA)

**Session V – Melanogenesis and organelle trafficking**
Chairs: Duarte Barral and Cédric Delevoye

16:00 – 16:10 The effect of cosmetic ingredients of phenol type on immediate pigment darkening and their (photo)protective action in association with melanin pigmentation: a model study. **Sara Viggiano** (University of Naples Federico II, Italy)

16:10 – 16:20 Melanin pigment internalization: towards an extracellular role of intracellular lysosomes? **Laura Salavessa** (Institut Curie, PSL Research University, CNRS, Paris, France)

16:20 – 16:30 Alpha-Synuclein and its role in melanocytes especially in melanosome transfer. **Nicole Rachinger** (Friedrich-Alexander University Erlangen-Nürnberg, Germany)

16:30 – 16:40 Autophagy regulates melanin organization within keratinocytes. **Liliana Bento-Lopes** (Universidade NOVA de Lisboa, Portugal)

16:40 – 16:50 Melanin is stored in lysosomal compartments within keratinocytes. **Matilde V. Neto** (Universidade NOVA de Lisboa, Portugal)