

25th annual meeting of the European Society for Pigment Cell Research

Tuesday 15 October 2024

14:15	16:10	Chaired by Mauro Picardo	Session 1: Vitiligo, hair graying & other acquired pigmentary disorders
14:15	14:40	Thierry Passeron	From translational data to clinical results: the crucial need for combination approaches to treat vitiligo
14:40	14:55	Federica Papaccio	IGF/Insulin defective signalling at cellular level correlates to metabolic syndrome markers in vitiligo patients
14:55	15:10	Joudi El Mir	XPC-deficient Xenopus embryos: an in vivo model system for studying the mechanisms underlying pigmentary abnormalities in XPC patients
15:10	15:30	Lionel Larue	UVB stress triggers hair greying: unveiling the Dicer- LEF/B-catenin pathway's role in melanocyte dysfunction
15:30	15:45	Meri Tulic	Vitiligo auto-immune response upon oxidative stress- related mitochondrial DNA release opens up new therapeutic strategies
15:45	16:10	Katia Boniface	The skin immune memory response in vitiligo
16:40	18:20	Chaired by Heather Etchevers	Session 2: Cutaneous mosaicism & cell-cell or cell-environmental interactions
16:40	17:05	Lukas Sommer	Crosstalk between tumor cells and their microenvironment in melanoma disease progression and therapy response
17:05	17:20	Pierre Vabres	A new mosaic syndrome with linear skin hypopigmentation is associated with a GNA13 variant activating the RHOA/ROCK pathway and altering the cytoskeleton, cell morphology and melanosome transfer
17:20	17:35	Zackie Aktary	Targeting GRPR for sex-hormone dependent cancer after E-cadherin loss
17:35	17:50	Joanna Stefan	Anti-melanoma gene and protein expression in dermal sheath fibroblasts from hair follicles in Recessive Dystrophic Epidermolysis Bullosa (RDEB) scalp
17:50	18:15	Desmond Tobin	Epidermal-melanin units of haired human skin: remarkable life-affirming partnerships on our UVR- drenched planet
18:15	19:15	Richard White	Keynote: What separates a melanocyte from a melanoma?

Wednesday 16 October 2024

8:30	10:20	Chaired by Graça Raposo	Session 3: Melanosome trafficking, cell biology & melanin biochemistry
08:30	08:55	Michal Sarna	Physicochemical properties of melanin obtained from human induced pluripotent stem cell-derived melanocytes
08:55	09:10	Cédric Delevoye	From pigment capture to intracellular positioning and photoprotection in keratinocytes
09:10	09:25	Dvir Gur	Genetic and biochemical control over crystal formation in pigment cells
09:25	09:40	Shahram Mesdaghi	Structural insights into pink-eyed dilution protein (Oca2)
09:40	09:55	Sandra Del Bino-Nokin	Unraveling UVA1-induced photo modifications of eumelanin and pheomelanin in human skin: insights into pigment darkening
09:55	10:20	Duarte Barral	Regulation of melanin secretion, transfer and processing in skin pigmentation
10:50	13:00	Chaired by Lionel Larue	Session 4: Melanocyte development & extracutaneous pigmentation
10:50	11:15	Igor Adameyko (ONLINE)	Nerve-dependent origin of melanocytes beyond skin: evolutionary and pathological implications
11:15	11:30	Yael Noy	Unraveling the ultrastructure and metabolome of unique pigment cells in the zebrafish fin
11:30	11:45	Beatriz Carazo Del Hoyo	Eye melanosomes: understanding activity patterns in extant and ancient mammals
11:45	12:00	Daniel Cirtina	A deep dive into the anatomical distribution and geometry of melanosomes in fish
12:00	12:15	Håvard Bjørgen	Melanin-synthesizing cells in muscle: inflammatory changes in the Atlantic salmon (<i>Salmo salar</i>)
12:15	13:00		Flash talk session 1
13:00	14:30		Posters/lunch
14:30	16:05	Chaired by Stéphanie Mallet	Session 5: Melanocytic nevi: clinical and mechanistic facets
14:30	14:55	E. Elizabeth Patton	Transcriptional and metabolic cellular heterogeneity in melanoma residual disease
14:55	15:10	Daniel Aldea	Deconvoluted methylation profiles discriminate between closely related melanocytic nevi
15:10	15:25	Dot Bennett	Telomeres in the senescence of human acquired naevi
15:25	15:40	Barbara Bellei	Hedgehog signalling inhibition by SMO inhibitors in melanoma cells reveals a potential value for a new therapeutic strategy
15:40	16:05	Veronica Kinsler	RNA therapy for congenital melanocytic naevi

16:30	18:45	Chaired by Colin Goding	Session 6: Melanomagenesis & metastasis (+uveal, acral, mucosal & juvenile melanoma)
16:35	17:00	Carmit Levy	n/a
17:00	17:25	Julien Ablain	Investigating the mechanisms of melanoma dissemination using zebrafish
17:25	17:50	Daniela De Zio	Increasing evidence for the application of FAK1 inhibitors in melanoma therapy
17:50	18:05	Thomas Strub	LKB1-SIK2 loss drives uveal melanoma proliferation and hypersensitivity to SLC8A1 and ROS inhibition
18:05	18:20	Ahmed Najem	Microenvironment-driven adaptation mechanisms in melanoma: 3D bioprinting and tyrosine-induced phenotype switching
18:20	18:45	Svenja Meierjohann	Stress adaptation in melanoma: the role of NRF2

Thursday 17 October 2024

8:30	10:15	Chaired by Lionel Larribère	Session 7: Technological advances in melanoma detection & biomarkers
08:30	08:55	Mitch Levesque	Single-cell molecular and functional landscapes of metastatic melanoma converge on clinically actionable features
08:55	09:10	Krishna Ravulapalli	e-DAM: An e-Delphi study to inform the clinical utility of AMBLor: a novel prognostic biomarker for early-stage cutaneous malignant melanoma
09:10	09:35	Luisa Lanfrancone	Optimizing drug delivery for more effective melanoma metastasis treatment
09:35	09:50	Andrew White	Melanoma macrophage and extracellular matrix transitions during the therapy-tolerant state
09:50	10:15	Anja Bosserhoff	Understanding molecular processes in tumor dormancy, metastasis and therapy
10:45	13:00	Chaired by Eiríkur Steingrímsson	Session 8: (Epi+)genetics and post-transcriptional regulation
10:45	11:10	Eiríkur Steingrímsson	MITF directly regulates the expression of CDH1 but indirectly regulates CDH2 through SETDB2 and chromatin modifications
11:25	11:50	Eleonora Leucci	Contribution of lncRNAs to the generation of drug-tolerant persister cells
11:50	12:05	Sebastien Corre	Role of circRNAs to control gene expression program and cell plasticity associated with BRAFi resistance in melanoma
12:05	12:20	Najla El Hachem	Valine aminoacyl-tRNA synthetase promotes therapy resistance in melanoma

12:20	12:45	Pierre Close	tRNA modifications: a new vulnerability in melanoma
12:45	13:15		Flash talk session 2
13:15	14:45		Posters/lunch
14:45	16:30	Chaired by Benoît Arveiler	Session 9: Albinism & other hereditary pigmentary disorders
14:45	15:10	Lluis Montoliu	Making sense of the genetic heterogeneity of albinism
15:10	15:25	Brice Magne	Role of ciliopathy-associated protein TMEM138 in skin pigmentation
15:25	15:50	Fanny Morice-Picard	Phenotyping of albinism
15:50	16:05	Joao Charneca	Unraveling Griscelli's syndrome hypopigmentation using an <i>in vitro</i> model
16:05	16:20	Robert Aquaron	Oculocutaneous albinism type 2 (OCA2) in Cameroon and in sub-Saharan Africa: a 50-year-long-odyssey
16:20	16:45	Benoît Arveiler	Non-coding variants involved in the diagnosis of albinism
17:15	18:00		ESPCR General Assembly
19:30		Conference and awards dinner at the Mercure Vieux Port Hotel rooftop restaurant, "Oursinade". Register separately online.	
			https://espcr2024.sciencesconf.org

Friday 18 October 2024

8:30	11:15	Chaired by Nausicaa Malissen	Session 10: Innovations in therapy for pigment cell diseases
08:30	08:55	Michael Holzel	Modelling systemic immunity in adoptive T cell therapy of melanoma
08:55	09:20	Marie-Dominique Galibert	Investigating new therapeutic approaches to combat metastatic melanoma
09:20	09:35	Jacques Rouanet	A new dual-tumor murine model to study abscopal effect in metastatic melanoma targeted radionuclide therapy
09:35	09:50	Yang Lingli	Impact of EGFR-TKI on Skin Pigmentation and Its Therapeutic Potential for Hypopigmented Skin Disorders
09:50	10:05	Serena Sabbah	Targeting Prohibitins and CRAF: A Promising Therapeutic Strategy for Melanoma
10:05	10:30	Konrad Kleszczynski	Melatonin-boosted efficacy of targeted therapy of human melanoma
11:15	11:25	Lluis Montoliu, ESPCR President	Presentation of the ESPCR PRIZE
11:25	12:25	Miguel Seabra	Skin pigment: from birth in melanocytes to demise in keratinocytes
12:25	12:30		Concluding remarks