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IPCC2017 | PROGRAM-AT-A-GLANCE | DAY 1

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PROGRAM


SUNDAY AUGUST 27 | DAY 1

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TIME	MEETING ROOM	SESSION
7:00am - 7:00pm	South Convention Lobby	Registration Open
7:45am - 8:00am	Grand Ballroom II	Welcome & Opening Remarks Chair: Richard Spritz <ul style="list-style-type: none"> 7:45am - 7:47am <i>Richard Spritz (Co-Organizer, IPCC 2017)</i> 7:47am - 7:49am <i>Kyoung Chan Park (President, IFPCS)</i> 7:49am - 7:50am <i>Thomas Hornyak (President, PASPCR)</i> 7:50am - 7:52am <i>David Norris (Co-Organizer, IPCC 2017) and introduction of Donald M. Elliman, Jr.</i> 7:52am - 8:00am <i>Donald M. Elliman, Jr.; Chancellor for the University of Colorado Anschutz Medical Campus</i>
8:00am - 9:30am	Grand Ballroom II	PS01. Opening Lectures <i>The opening lectures include the IFPCS Presidential lecture from Kyoung-Chan Park and invited keynote addresses from Douglas Brash and Rudolf Jaenisch.</i> Session Chairs: David Norris, Richard Spritz, Neil Box, Thomas Hornyak <ul style="list-style-type: none"> Modeling of Neural Crest Diseases in Mouse - Human Chimeras [30 mins] <i>Keynote Speaker: Rudolf Jaenisch</i> Chemiexcitation of Melanin: Photodamage in the Dark [30 mins] <i>Keynote Speaker: Douglas Brash</i> Translational Research in Pigmentary Disorders [30 mins] <i>Presidential Speaker: Kyoung-Chan Park</i>
10:30am - 4:30pm	Grand Ballroom I	Exhibit Hall Open
9:30am - 10:00am	Grand Ballroom I	REFRESHMENT BREAK
10:00am - 11:30am	Grand Ballroom II	PS02. Evolution of Pigmentary Systems <i>This plenary session on evolution of pigmentation will feature keynote speakers covering advances in evolution in humans and other species.</i> Session Chairs: Richard Sturm, Prof. Gregory Barsh, Mauro Picardo <ul style="list-style-type: none"> How the Mouse Got its Stripes [30 mins] <i>Keynote Speaker: Hopi Hoekstra</i>


		<ul style="list-style-type: none"> • Evolution and Adaptation in Africa: Implications for Health and Disease [30 mins] <i>Keynote Speaker: Sarah Tishkoff</i> • Macrophage Relay for Long Distance Communication during Zebrafish Adult Pigment Pattern Development [30 mins] <i>Speaker: Prof. David Parichy</i>
11:30am - 1:00pm	Tower Court D	<p>Concurrent Sessions 1-4</p> <p>CS01. Developmental Biology <i>This session will address the developmental biology of pigment cells in both human and animal models</i></p> <p>Session Chair: Genji Imokawa, Manfred Scharlt, William Pavan, Robert Kelsh</p> <ul style="list-style-type: none"> • TFAP2 Paralogs Regulate Melanocyte Differentiation in Parallel with MITF [20 mins] <i>Speaker: Robert Cornell</i> • Single Cell Expression Profiling Identifies Pigment Cell Differentiation Trajectories from Partially-Restricted Intermediate Pigment Progenitor Cell [20 mins] <i>Robert Kelsh</i> • Melanoma Progression Pathways: Newly Acquired or Recycled from Development? [20 mins] <i>Deborah Lang</i> • Autologous Human Melanocytes Derived from Induced Pluripotent Stem (iPS) Cells and in vivo Generation of Melanin Pigmentation [10 mins] <i>Speaker: Tamihiko Kawakami</i> • Multilineage-Differentiating Stress Enduring (Muse) Cells-Derived Melanocytes have Functional Roles in 3D Reconstituted Muse-skin [10 mins] <i>Takeshi Yamauchi</i> • Control of the Pigment Pattern Formation in Japanese Quail [10 mins] <i>Masafumi Inaba</i>
	Tower Court C	<p>CS02. Pathophysiological Processes Involving Melanin: Translational Approach <i>This session will address the role of melanin in preventing UV damage and in contributing to hypo and hyperpigmentation. It will also address ways to enhance the effectiveness of melanin in preventing skin cancer.</i></p> <p>Session Chairs: Kazumasa Wakamatsu, Shosuke Ito, Alessandra Napolitano, Tadeuz (Tad) Sarna</p> <ul style="list-style-type: none"> • Photoreactivity and Phototoxicity of Melanin Granules of the Aging Human Retinal Pigment Epithelium [30 mins] <i>Speaker: Tadeuz (Tad) Sarna</i> • Spectro-Electrochemical Reverse Engineering Applied to Probe Redox and Radical Scavenging Property of Melanin [15 mins] <i>Eunkyoung Kim</i> • A New Insight into the Origin of Eumelanin Chromophore [15 mins] <i>Lucia Panzella</i> • Mechanistic Study of Melanogenesis: Binding of Cysteine to Dopaquinone [15 mins] <i>Ryo Kishida</i> • Tyrosinase is Ubiquitinated by RNF152, a Membrane Associated Ubiquitin Ligase [15 mins] <i>Hideaki Fujita</i>
	Grand Ballroom II	<p>CS03. Vitiligo - Basic Science <i>This session will address the entire spectrum of vitiligo pathogenesis from innate and acquired immunity, to autotoxicity, toxicity by reactive oxygen species, and targets of autoimmunity.</i></p> <p>Session Chairs: Rosalie Luiten, John Harris, Ichiro Katayama</p> <ul style="list-style-type: none"> • Microbial Dysbiosis of the Gut Accelerates Depigmentation in a Mouse Model of Vitiligo [20 mins] <i>Speaker: Caroline Le Poole</i> • Non Immunological Aspect in Vitiligo Pathogenesis [20 mins] <i>Speaker: Prof. Mauro Picardo</i> • International Initiative for Outcomes (INFO) for Vitiligo-Results of Workshop with Patients and Progress so far [10 mins] <i>Viktoria Eletheriadou</i> • Unravelling the Genetic Architecture of Generalized Vitiligo in a Homogeneous, Isolated Romanian Village [10 mins]

		<p><i>Genevieve Andersen</i></p> <ul style="list-style-type: none"> • NKG2D is highly expressed on IFNγ producing skin CD8+ Effector Memory T cells in Vitiligo [10 mins] <i>Clement Jacquemin</i> • Immunosuppressive Activities in the Target Tissue of Autoimmune Vitiligo-Susceptible but Non-Expressing Brown Line [10 mins] <i>Daniel Falcon</i> • Dickkopf-1 Expression in Vitiligo Patients and its in Vitro Effect on the Cultured Melanocytes [10 mins] <i>Seema Rani</i>
	Windows	<p>CS04. Melanoma: Immune Therapy <i>This session will address the basic and translational aspects of immune therapy in melanoma including checkpoint therapy, vaccines and adjuvants.</i></p> <p>Session Chairs: Claus Garbe, Jeffrey Weber</p> <ul style="list-style-type: none"> • Biomarker and Efficacy Studies of Checkpoint Blockade in Melanoma [30 mins] <i>Keynote Speaker: Jeffrey Weber</i> • Precision Immunotherapy for Advanced Melanoma [20 mins] <i>Speaker: Reinhard Dummer</i> • Final Results of a Phase II Multicenter Trial of HF10, Oncolytic Virus Immunotherapy, and Ipilimumab Combination Treatment in Patients with Stage IIIB-IV Melanoma [20 mins] <i>Speaker: Prof. Robert Andtbacka</i> • Surgical Approaches to Melanoma [20 mins] <i>Speaker: Prof. Vernon Sondak</i>
1:00pm - 2:00pm	Tower Court A	ESPCR Regional Societies Council Meeting
1:15pm - 2:15pm	Grand Ballroom II	<p>SY01. Lunch Symposium: Clinical Considerations for Treatment in Advanced Melanoma</p> <ul style="list-style-type: none"> • Speaker: Robert Andtbacka <p><i>This session is supported in part by an educational grant from:</i></p> 
2:30pm - 4:00pm	Tower Court D	<p>Concurrent Sessions 5-8</p> <p>CS05. Mouse Models of Pigmentation <i>This session will address the use of animal models to understand the chemistry and developmental biology of pigment cells.</i></p> <p>Session Chairs: Hiroaki Yamamoto, Lidia Kos, Stacie Loftus</p> <ul style="list-style-type: none"> • Neural Crest Derived Melanocytes Regulate Aortic Valve Elastogenesis [20 mins] <i>Speaker: Lidia Kos</i> • Establishment of Primary Melanocyte eQTL Dataset for Analysis of Melanocyte Genome Regulation [20 mins] <i>Speaker: Stacie Loftus</i> • The role of p53 in UV signaling [20 mins] <i>Speaker: Tamara Terzian</i> • Transgenic Dct-promoter driven MITF Expression Rescues Eye Structure and Uveal, but not Cutaneous, Melanocytes in MITF-Deficient Mice [10 mins] <i>ChiPing Day</i> • Delineating the Role of MITF Isoforms in Melanogenesis [10 mins] <i>Jessica L. Flesher</i> • The Mechanism and Timing Requirement for Endothelin 3 Regulation of Murine Coat Color [10 mins] <i>Alexander Durango</i>
	Windows	<p>CS06. Melanoma: Metabolic and Intracellular Signaling of Melanocytes and Melanoma <i>This session will address the basic and translational scientific aspects of repigmentation in vitiligo, including stem cell activation and tissue regeneration.</i></p> <p>Session Chairs: Ze'ev Ronai, Vijayasaradhi Setaluri, Anand Ganesan, Prof. Robert Ballotti</p> <ul style="list-style-type: none"> • Dubious Role of ROS in Melanomagenesis [20 mins] <i>Speaker: Mikhail Nikiforov</i>

		<ul style="list-style-type: none"> • Role of non-Degraditive Ubiquitination in Melanoma: Focus on HACE1 [20 mins] <i>Speaker: Robert Ballotti</i> • A Genetic/Epigenetic Model for Melanoma Initiation and Progression: Status in 2017 [20 mins] <i>Speaker: Dorothy Bennett</i> • Regulation of Melanosome pH Determines Skin and Hair Pigmentation [10 mins] <i>Jonathan Zippin</i> • Mahogunin Ring Finger 1 as a Novel Regulator of Cell Shape, Motility and Differentiation in Melanocytes [10 mins] <i>Cecilia Herraiz</i> • Effects of Thioredoxin Reductase 1 Knockdowns in the Human Melanocyte-Derived Cell Lines: Antioxidant Response and Growth in 2D and 3D Cultures [10 mins] <i>Chelsey Kline</i>
	Tower Court C	<p>CS07. Controversies in Diagnosis and Treatment of Pigmentary Disorders <i>This session will address the clinical disorders of pigmentation that are of particular importance to people of skin of color.</i></p> <p>Session Chairs: Amit Pandya, Prof. Naoki Oiso, Prasad Kumarasinghe</p> <ul style="list-style-type: none"> • A Rational Approach to Macular Pigmentation of Uncertain Aetiology [20 mins] <i>Speaker: Prasad Kumarasinghe</i> • Clinical Challenges in Skin of Color [20 mins] <i>Speaker: Sidharth Sonthalia</i> • MC1R Highly Selective Small α-MSH Analogs as Topical Sunless Pigmentary Agents with Multiple Clinical Applications [10 mins] <i>Zalfa Abdel-Malek</i> • Mosaicism for a KITLG Mutation in Linear and Whorled Nevoid Hypermelanosis [10 mins] <i>Pierre Vabres</i> • The Unfolded Protein Response, Mediated by PERK and IRE1α; Signaling, Contributes to Vitiligo Pathogenesis [10 mins] <i>Prashiela Manga</i> • Cole Disease: Role of ENPP1 in regulation of pigmentation and epidermal differentiation [10 mins] <i>Muriel Cario-Andre</i> • Diminished autophagy activity in the epidermis causes hyperpigmentation accompanied by epidermal differentiation disorders [10 mins] <i>Hachiya Akira</i>
	Grand Ballroom II	<p>CS08. UV Signaling in Melanocytes and Melanoma <i>This session will address the latest advances in UV signaling pathways in normal melanocytes and in melanoma cells.</i></p> <p>Session Chairs: Arup Indra, John D'Orazio</p> <ul style="list-style-type: none"> • Vitamin D and Melanoma: What is New Under the Sun [20 mins] <i>Andrzej Slominski</i> • UV irradiation modulates maintenance and differentiation of hair follicle-derived neural crest stem cells via miR-200c/Bmi1 pathway [10 mins] <i>Min Jiang</i> • Pro-oxidant Activity of Mouse Hair Pheomelanin Is Promoted by UVA Irradiation [10 mins] <i>Hitomi Tanaka</i> • GNAQ/GNA11 pathway mutations are involved in malignant transformation in a mouse model of UV-induced melanocytic lesion progression [10 mins] <i>Helen Michael</i> • Assessing the photoprotective property of skin colour against SSR-induced CPD damage [10 mins] <i>Damilola Fajuyigbe</i> • Photo-protection assessment through gene expression modulation induced by UV exposure on a Chinese reconstructed full-thickness skin model [10 mins] <i>Jie Qiu</i> • TLR3 stimulation Regulate Phagocytosis activity of Epidermal Keratinocytes through PAR-2/ Rho signaling pathway [10 mins] <i>Saaya Koike</i> • Convergence of endothelin B receptor and melanocortin 1 receptor signaling on key components of the DNA damage response pathway of melanocytes [10 mins]

		<i>Vicky Swope</i>
4:00pm - 4:30pm	Grand Ballroom I	REFRESHMENT BREAK
4:30pm - 6:00pm	Grand Ballroom II	<p>PS03. Melanoma Biology <i>This introductory plenary session for the melanoma program includes research presentations from field leaders and will set the stage for melanoma at the IPCC.</i></p> <p>Session Chairs: Nicholas Hayward, Prof. Rene Gonzalez</p> <ul style="list-style-type: none"> • Pathways of melanoma development: prevention and therapeutic implications [30 mins] <i>Speaker: David Fisher</i> • LPAR signaling is activated in neural crest stem cells and promotes melanoma cell growth, invasion and therapy resistance [30 mins] <i>Speaker: Meenhard Herlyn</i> • Ubiquitin ligase RNF5 coordinates immune and microbiome control of melanoma [30 mins] <i>Speaker: Ze'ev Ronai</i>
6:00pm - 8:00pm	South Convention Lobby	Welcome Reception

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