## ESPCR 2025 Programm

| Thursday,     | 25 September 2025   |                              |
|---------------|---|------------------------------|
| 12:30 – 16:30 | Registration  |                              |
| 13:30 – 14:30 | Welcome Session  - Opening Remarks (President of ESPCR, Congress Chair) - Fritz Anders Medal (Manfred Schartl, Educational talk)                              |                              |
| 14:30 – 16:00 | Session 1: Melanosomes, melanin biochemistry (Chairs: Graca Raposo, Dvir Gur)   |                              |
| 14:30 – 14:50 | Educational talk  "From melanosome biogenesis to intercellular communication"   | Graça<br>Raposo              |
| 14:50 – 15:05 | Long talk "Genetic and biochemical regulation of crystal formation in pigment cells"  | Dvir Gur                     |
| 15:05 – 15:15 | Short talk from abstracts  Cytoskeleton-driven 3D-polarization of pigment organelles for genome photo-protection in keratinocytes (Short talk from abstracts) | Cédric<br>Delevoye           |
| 15:15 – 15:25 | Short talk from abstracts  "Investigating the protective role of Melanin in Retinal Pigment Epithelium during Age-Related Macular Degeneration"               | Mafalda<br>Lopes-da-Silva    |
| 15:25 – 15:35 | Short talk from abstracts  "Melanoma-associated melanocortin 1 receptor variants confer redox signaling-dependent protection against oxidative DNA damage"    | Maria<br>Castejón-<br>Griñan |
| 15:35 – 15:50 | Long talk  "Shedding light on the Aryl Hydrocarbon Receptor roles in pigmentation"  | Pedro Moura-<br>Alves        |
| 16:00 – 16:30 | Refreshments  |                              |

| 16:30 – 18:15                | Session 2: Melanocyte development and differentiation (Chairs: Kerrie Marie, Miguel Seabra)   |                        |
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| 16:30 – 16:50                | Educational talk  "Cross-talk between melanocytes and keratinocytes in the skin"  | Duarte Barral          |
| 16:50 – 17:05                | Long talk  "Embryonic gene module re-expression in melanoma yields insights into a Hdac2-driven mechanism of plastic adaptation"                                      | Kerri Marie            |
| 17:05 – 17:15                | Short talk from abstracts  "Role of TMEM138 and the primary cilium in melanogenesis"  | Brice Magne            |
| 17:15 – 17:30                | Long talk  "Pigment cell formation from the zebrafish neural crest"   | Robert Kelsh           |
| 17:30 – 17:40                | Short talk from abstracts  "Integrated single cell and bulk RNA transcriptomics identifies novels markers of developing melanocytes from distinct anatomical regions" | Farah Jaber-<br>Hijazi |
| 17:40 – 17:55                | Long talk "Determinants of melanocyte heterogeneity"  | Richard<br>White,      |
| 17:55 – 18:03                | Short talk from abstracts  "Molecular basis of melanosome transport: how does small GTPase Rab27a rule Spire-type actin nucleators to disperse melanosomes"           | Alistair Hume          |
| 18:10 – 18:20                | short break   |                        |
| 18:20– 19:15                 | Flash talks session #1 (Poster teasers Poster <mark>#1 – #20</mark> )   |                        |
| 19.15 – 21:00<br>Top of page | Welcome reception, Poster session 1   |                        |
|                              |   |                        |

| Friday, 26    | September 2025   |                          |
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| 8:00 – 14:30  | Registration   |                          |
| 8:30 – 10:30  | Session 3: Melanocytic nevi and tumor de (Chairs: Heather Etchevers, Lukas Sommer)   | velopment                |
| 8:30 – 8:50   | Educational talk "Seeds of Cancer: How Malignant Cells and Their Environment Spark Tumor Initiation"   | Lukas<br>Sommer          |
| 8:55 – 9:10   | Long talk "A mouse MITF suppressor mutation and melanoma"  | Eirikur<br>Steingrimmson |
| 9:15 - 9:25   | Short talk from abstracts  "Basigin (CD147) emerges as potential quantitative biomarker from comparative proteomic analysis of the surfaceome of human epidermal melanocytes and melanoma cells" | Minh Ngoc<br>Nguyen      |
| 9:25 – 9:35   | Short talk from abstracts "The role of RSL24D1 in malignant melanoma"  | Leonie Stahl             |
| 9:35 – 9:50   | Long talk "Monitoring and mitigating cancer cell plasticity to overcome therapy resistance in melanoma"  | Chris Marine             |
| 9:50 – 10:00  | Short talk from abstracts "Role of NRF2 in melanoma reprogramming"   | Ravi Babu<br>Kollampally |
| 10:00 - 10:15 | Long talk "Identity crisis: stemness in the human melanocyte lineage"  | Heather<br>Etchevers     |
| 10:15 – 11:00 | Refreshments   |                          |
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| 11:00 – 12:30 | Session 4: Albinism, Cutaneous mosaicism and further hereditary pigm. Disorders (Chairs: Lluis Montoliu)   |                          |
| 11:00 – 11:25 | Educational talk "Albinism: beyond hypopigmentation"   | Lluis Montoliu           |

| 11:25 – 11:42 | Long talk  "Albinism, Culture, and Society. An Approach to Albinism from a Social and Interactional Perspective"   | Jose Antonio<br>Solves Almela |
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| 11:42 – 11:52 | Short talk from abstracts "Establishment of a Human Melanocyte Model Harboring the GNAS R201H Mutation for McCune-Albright Syndrome"   | Sakai Yuta                    |
| 11:52 – 12:02 | Short talk from abstracts  "The Role of Adam10 and Notch Signalling in Skin Pigmentation: Insights from Reticulate Acropigmentation of Kitamura (RAK)"                           | Hannah<br>Bourget             |
| 12:02– 12:19  | Long talk "Albinism genetics: not so black and white"  | Panos<br>Sergouniotis         |
| 12:20 – 12:30 | Short break  |                               |
| 12:30 – 13:00 | Flash talk session #2: (Poster teasers Poster <mark>#20 – xx</mark> )  |                               |
| 13:00 – 14:00 | Lunch – POSTER SESSION #2  |                               |
| 14:00 – 15:40 | Session 5: Vitiligo, hair graying, further ac<br>Disorders<br>(Chairs: Meri Tulic, Mauro Picardo)  | cq. pigment.                  |
| 14:00 – 14:20 | Educational talk<br>"Metabolic alteration in Vitiligo"   | Mauro<br>Picardo              |
| 14:20 – 14:35 | Long talk  "New aspects of vitiligo: Trained immunity and immune-biological changes during therapy"  | Rosalie Luiten                |
| 14:35 – 14:45 | Short talk from abstracts  "Transcriptomic profiling of minimally invasive 1 mm skin punch biopsies identifies early disease activity beyond visible depigmentation in vitiligo" | Danique<br>Berrevoet          |
| 14:45 – 14:55 | Short talk from abstracts  "Dissecting the cellular and immune landscape of vitiligo using single-cell transcriptomic analysis"  | Hyun Jeong Ju                 |

| 15:00 - 15:15 | Long talk "Vitiligo as an emerging topic for Health Services Research in Germany – current status and future directions"         | Markus Böhm                     |
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| 15:15 – 15:25 | Short talk from abstracts "Non-invasive Imaging Findings in Vitiligo"  | Alessia<br>Paganelli            |
| 15:25 – 15:40 | Long talk "Early Repigmentation Approach for Stopping the Evolution of vitiligo: A prospective multicentric translational study" | Meri Tulic                      |
| 15:40 – 16:00 | Refreshments   |                                 |
| 16:00 – 18:00 | Session 6: Transcriptional and posttranscript. Regulation, (epi-)genetics (Chairs: Panagiotis Karras, Marie-Dominique Galibert)  |                                 |
| 16:00 – 16:20 | Educational talk "From Gene Expression to Epigenetics: Regulatory Mechanisms Fueling Melanoma Pathogenesis"                      | Marie-<br>Dominique<br>Galibert |
| 16:20 – 16:35 | Long talk "Dissecting intratumor heterogeneity in melanoma metastasis"   | Panagiotis<br>Karras            |
| 16:35 – 16:45 | Short talk from abstracts "Epigenetic control of bivalent genes during normal and oncogenic melanocyte differentiation"          | Zelu Huang                      |
| 16:45 – 16:55 | Short talk from abstracts "SOX21 – a transcription factor preventing melanoma"   | Nicole<br>Rachinger             |
| 16:55 – 17:10 | Long talk<br>"All that Remains: Melanoma Residual Disease and Disease<br>Recurrence"   | Liz Patton                      |
| 17:10 – 17:20 | Short talk from abstracts "Enhancer reprogramming by AP-1 shapes mesenchymal phenotype in melanoma"                              | Zubeir El<br>Ahmad              |
| 17:20 - 17:35 | Long talk  "LncRNAs in melanoma therapy resistance"  | Eleonora<br>Leucci              |
| 17:45 – 18:45 | ESPCR General Assembly   |                                 |

| 19:30         | Award dinner   |                      |
|---------------|--|----------------------|
| Top of page   |  |                      |
| Saturday, 2   | 27 September 2025  | g                    |
| 8:00 – 9:30   | Registration   |                      |
| 9:00 – 10:45  | Session 7: Melanoma metastasis (Chairs: Luisa Lanfrancone, Colin Goding)   |                      |
| 9:00 - 9:20   | Educational talk "Phenotype-switching and Melanoma metastasis"   | Colin Goding         |
| 9:20 – 9:35   | Long talk  "Targeting metabolic liabilities in cancer metastasis "   | Alpaslan<br>Tasdogan |
| 9:35 - 9:45   | Short talk from abstracts "Unveiling the role of lipid metabolism in controlling cellular plasticity in metastatic melanoma"                   | Lisa Mary            |
| 9:35 - 9:55   | Short talk from abstracts  "The effects of extracellular acidosis on tumor cell plasticity in human melanoma"                                  | Chafia Chiheb        |
| 10:00 – 10:15 | Long talk  "MyD88 plays a crucial role in promoting the dissemination of melanoma cells"   | Luisa<br>Lanfrancone |
| 10:15 – 10:25 | Short talk from abstracts  "Investigating epithelial to mesenchymal transition heterogeneity in primary and metastatic uveal melanoma samples" | Nathalie<br>Longakit |
| 10:25 – 10:40 | Long talk  "Melanosomes role in melanoma immunity"   | Carmit Levy          |
| 10:45 – 11:15 | Refreshments   |                      |
| 11:15 – 12:50 | Session 8: Therapeutic options for pigment cell disease (Chairs: Carola Berking, Corinne Bertolotto)   |                      |
| 11:15 – 11:35 | Educational talk "Melanoma Therapy: Chances and Challenges"  | Carola Berking       |

| 11:35 – 11:50 | Long talk  "Synergistic effects of thiopurines and immune checkpoint inhibitors in melanoma therapy"                          | Daniela de Zio         |
|---------------|---|------------------------|
| 11:50 – 12:00 | Short talk from abstracts  "RECQL4 overexpression as a driver of immune suppression and immunotherapy resistance in melanoma" | Egea-<br>Rodriguez S   |
| 12:00 – 12:10 | Short talk from abstracts "Alginate based 3D cell culture as a useful tool in Melanoma"                                       | Carolin Eckert         |
| 12:10 – 12:20 | Short talk from abstracts  "RNA-based therapy to reach unmet needs in melanoma: ASOs against the driver gene TERT"            | Nina Tardif            |
| 12:20 – 12:35 | Long talk  "The molecular mechanisms involved in uveal melanoma"  | Corinne<br>Bertolotto, |
| 12:50 – 13:20 | Key note speech   | Marisol<br>Soengas     |
| 13:20 – 13:30 | Concluding Remarks (President of ESPCR, Congress Chair ESPCR 2025, Congress Chair 2027)                                       |                        |
| 13:30         | End of ESPCR 2025 annual meeting  |                        |
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Top of page