



55th ANNUAL ESDR MEETING

9 - 12 September 2026, Heidelberg, Germany



Plenary Session 1

Date : Thursday 10 September 2026, 09.45-10.45

Room : Hall 1

Chairs : Yumi Aoyama, Curdin Conrad, Sarah Millar

Plenary talks are 7 minutes plus 2 minutes discussion.

Oral 001 [Poster 483]

Single cell multi-omic analysis of IL-4 receptor-alpha blockade demonstrates reduction in ex-tissue-resident memory T-cells precedes the resolution of atopic dermatitis

Treasa Jiang¹, April R. Foster², Catherine Smith¹, Muzlifah Haniffa^{2, 3, 4}, Francesca Capon^{5, 6, 7}, Satveer Mahil¹

¹St John's Institute of Dermatology, King's College London, London, England, United Kingdom, ²Wellcome Sanger Institute, Hinxton, England, United Kingdom, ³Department of Dermatology, NIHR Newcastle Biomedical Research Centre, Newcastle upon Tyne, England, United Kingdom, ⁴CIFAR Macmillan Multi-scale Human Program, Toronto, Ontario, Canada, ⁵King's College London Department of Medical & Molecular Genetics, London, England, United Kingdom, ⁶BC Children's Hospital Research Institute, Vancouver, British Columbia, Canada, ⁷Department of Medical Genetics, The University of British Columbia Centre for Molecular Medicine and Therapeutics, Vancouver, British Columbia, Canada

Oral 002 [Poster 001]

Linking circulating and tissue eosinophils through spatial transcriptomics in drug reaction with eosinophilia and systemic symptoms

Frédéric Dezoteux¹, Kalum Clayton², Ying Teo², Rebecca Fulton², Arnaud Dendooven¹, Guillaume Lefèvre¹, Delphine Staumont-Sallé¹, Purevsuren Losol², Stéphane Esnault¹, Michael R. Arden-Jones²

¹CHU Lille, Univ. Lille, U1286 Inserm Institute for Translational Research in Inflammation, Lille, France, ²University Hospitals Southampton NHS Foundation Trust, Clinical Experimental Sciences, University of Southampton, Southampton, United Kingdom

Oral 003 [Poster 341]

Radiotherapy-induced epigenetic memory impairs skin repair

Xiaowei Bian¹, Yongjian Chen¹, Martin Halle², Ning Xu Landén¹

¹Department of Medicine Solna, Karolinska Institutet, Stockholm, Stockholm County, Sweden, ²Department of Plastic and Reconstructive Surgery, Karolinska Universitetssjukhuset, Stockholm, Stockholm County, Sweden

Oral 004 [Poster 397]

Therapeutic Re-programming of p63 splicing: A novel splicing ASO-based strategy to rescue epidermal homeostasis in AEC Syndrome

Daniela Di Girolamo^{1, 2}, Eric C. Liao³, Mohamad-Gabriel Alameh³, Caterina Missero^{1, 2}

¹Biology, Università degli Studi di Napoli Federico II, Naples, Campania, Italy, ²CEINGE Biotechnologie Avanzate sc a rl, Naples, Campania, Italy, ³The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania, United States



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Oral 005 [Poster 398]

Lipid nanoparticles enable gene therapy in cellular and organotypic models of Hailey-Hailey disease

Thomas Vincent¹, Quang M. Dang², Jessica L. Ayers¹, Jacob S. Brenner³, Leo L. Wang², Cory L. Simpson¹

¹Dermatology, University of Washington, Seattle, Washington, United States, ²Dermatology, University of Pennsylvania, Philadelphia, Pennsylvania, United States, ³Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, United States

Oral 006 [Poster 532]

Prognostic determinants of early and late relapse in cutaneous squamous cell carcinoma

Cristian D. Cardona Machado^{1, 2, 3}, Sergio Rodríguez Conde^{1, 2}, Nina A. Ran⁴, Emily E. Granger⁵, Fabio Muradás Girardi⁶, Kathryn T. Shahwan⁷, Rajiv I. Nijhawan⁸, Allison T. Vidimos⁹, Tyler J. Willenbrink¹⁰, Javier Cañueto^{1, 2, 3}

¹Dermatology, Hospital Universitario de Salamanca, Salamanca, CL, Spain, ²CANC30, Instituto de Investigación Biomedica de Salamanca, Salamanca, CL, Spain, ³L20, Instituto de Biología Molecular y Celular del Cáncer, Salamanca, CL, Spain, ⁴Brigham and Women's Hospital Department of Dermatology, Boston, Massachusetts, United States, ⁵Dermatology, Newton-Wellesley Hospital, Boston, Massachusetts, United States, ⁶Head and Neck Surgery, Hospital Ana Nery, Santa Cruz do Sul, RS, Brazil, ⁷Dermatology, The Ohio State University Wexner Medical Center, Columbus, Ohio, United States, ⁸Dermatology, The University of Texas Southwestern Medical Center, Dallas, Texas, United States, ⁹Dermatology, Cleveland Clinic, Cleveland, Ohio, United States, ¹⁰Zitelli and Brodland PC, Pittsburgh, Pennsylvania, United States

Plenary Session 2

Date : Friday 11 September 2026, 11.00-12.00

Room : Hall 1

Chairs : tba

Plenary talks are 7 minutes plus 2 minutes discussion.

Oral 007 [Poster 195]

Psoriasis-like disease prevents squamous skin tumor development by neutrophil-driven inflammation

Panagiota Tsokkou¹, Martin Holcmann², Katharina Rindler¹, Kamil Mieczkowski³, Lisa Shaw¹, Matthias Farlik¹, Maria Sibilia², Erwin F. Wagner^{1, 3}

¹Department of Dermatology, Medizinische Universität Wien, Vienna, Vienna, Austria, ²Center for Cancer Research, Medizinische Universität Wien, Vienna, Vienna, Austria, ³Department of Laboratory Medicine, Medizinische Universität Wien, Vienna, Vienna, Austria

Oral 008 [Poster 264]

The role of cellular senescence in facial senile lentigo

Matheus X. Foo¹, Tristy A. Marta¹, Yul Hee Kim², Xin Er Lee¹, Du Jin Baek², Selwyn J. Low¹, Yeongeun Kim², Hee Young Kang², Oliver Dreesen¹

¹Cell Aging, A*STAR Skin Research Labs, Singapore, Singapore, ²Ajou University School of Medicine, Suwon-si, Gyeonggi-do, Korea (the Republic of)



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Oral 009 [Poster 449]

Cx26 mutation skews candidalysin-induced keratinocyte death toward corneoptosis, driving chronic cutaneous candidiasis.

Alshimaa Mostafa¹, Teruasa Murata², Akihiko Kitoh¹, Goto Yoshiyuki³, Kenji Kabashima¹

¹Dermatology Department, Kyoto University, Kyoto, Japan, ²Dermatology Department, Hyogo Medical University, Hyogo, Japan, ³Infection and Immunology Department, Chiba University, Chiba, Japan

Oral 010 [Poster 004]

Novel human organotypic model of hidradenitis suppurativa tunnel recapitulates disease wound healing phenotype

Raji Nagalla¹, Tanuj Prajapathi¹, Betsy Salinas^{1, 2}, Alex Reznick¹, Irena Pastar¹, Marjana Tomic¹

¹Dermatology, University of Miami, Coral Gables, Florida, United States, ²Florida International University, Miami, Florida, United States

Oral 011 [Poster 145]

Monocyte-derived dendritic cells may contribute to lung fibrosis in systemic sclerosis through reduced IRF8 expression

Hisho Kawamura¹, Yasushi Ototake¹, Saya Imai¹, Haruka Arakawa¹, Izumi Moteki¹, Tomohiko Tamura², Yukie Yamaguchi¹

¹Department of Environmental Immuno-Dermatology, Yokohama Shiritsu Daigaku Igaku Daigakuin Igaku Kenkyuka, Yokohama, Kanagawa, Japan, ²Department of Immunology, Yokohama Shiritsu Daigaku Igaku Daigakuin Igaku Kenkyuka, Yokohama, Kanagawa Prefecture, Japan

Oral 012 [LB Poster XXX]

TBA

Concurrent Session 1: Pathophysiology of Inflammatory Skin Diseases 1

Date : Thursday 10 September 2026, 11.30-13.00

Room : Hall 1

Chairs : tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 013 [Poster 005]

Circulating MAIT cells correlate with disease severity and undergo a tissue type 17-to-cytotoxic type 1 switch linked to dysbiosis in Hidradenitis Suppurativa

Alexis Dumas¹, Estelle Devevre^{1, 2}, Denis Julien^{1, 3}, Axel Villani^{1, 3}, Marc Vocanson¹

¹International Center of infectiology research, INSERM U1111, Lyon, Lyon, France, ²SFR Biosciences, Lyon, Auvergne-Rhône-Alpes, France, ³Department of Dermatology, Edouard Herriot Hospital, Lyon, France



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Oral 014 [Poster 003]

IL-1R2 Acts as a Keratinocyte-Associated Regulator of Cutaneous Inflammation in Atopic Dermatitis

Yuxin Zheng¹, John Common²

¹Dermatology, Zhejiang University School of Medicine Second Affiliated Hospital, Hangzhou, Zhejiang, China, ²Translational and Clinical Research Institute, Newcastle University, Newcastle upon Tyne, England, United Kingdom

Oral 015 [Poster 002]

HNRNPU is enriched in basal inflammatory epidermis and is required for epidermal development

Longlong Luo^{1,2}, George L. Sen³

¹Department of Medical Biochemistry and Microbiology, Uppsala Universitet, Uppsala, Uppsala County, Sweden, ²Dermatology and venereology, Department of Medical Sciences, Uppsala Universitet, Uppsala, Uppsala County, Sweden, ³Department of Dermatology, Department of Cellular & Molecular Medicine, Division of Epithelial Biology, University of California San Diego, La Jolla, California, United States

Oral 016 [Poster 006]

A Distinct Circulating T-cell Signature in Dupilumab Induced Lymphoid Reactions

Margot E. Starrenburg^{1,2}, Shivani Dipai², Marlot van der Wal², Marjolein de Bruin-Weller¹, Femke van Wijk²

¹Dermatology, Universitair Medisch Centrum Utrecht, Utrecht, UT, Netherlands, ²Center for Translational Immunology, Universitair Medisch Centrum Utrecht, Utrecht, UT, Netherlands

Oral 017 [Poster 007]

IL-26+ Tissue-Resident T Cells Represent a Shared Precursor Pool for Th17 and Th2 Immunity

Alice Burleigh, Javier Botella, Antoine Girardin, Jeremy Di Domizio, Michel F. Gilliet

Department of Dermatology, Centre Hospitalier Universitaire Vaudois, Lausanne, VD, Switzerland

Oral 018 [Poster 008]

The skin-enriched lncRNA TMEM99/KRT10-AS1 promotes epidermal differentiation and is downregulated in atopic dermatitis

Evelyn Kelemen^{1,2}, Longlong Luo^{1,2}, Sreeram Peringattu Kalarikkal^{1,2}, Jan Cedric Freisenhausen^{1,2}, Viktor Skoog^{1,2}, Torborg Hoppe¹, Andor Pivarcsi^{1,2}, Enikő Sonkoly^{1,2}

¹Department of Medical Sciences, Uppsala Universitet, Uppsala, Uppsala County, Sweden, ²Department of Medical Biochemistry and Microbiology, Uppsala Universitet, Uppsala, Uppsala County, Sweden

Oral 019 [Poster 012]

Inflammatory memory of psoriatic resolved keratinocytes

Nelli Tassi¹, Ameneh Ghaffarinia¹, Lili B. Flink¹, Géza R. Nagy¹, Nikolett Virág¹, Rolland Gyulai¹, Zsuzsanna Bata-Csörgő^{1,2}, Lajos Kemény^{1,2}, Renáta Bozó^{1,2}

¹Department of Dermatology and Allergology, Szegedi Tudományegyetem, Szeged, Csongrád, Hungary, ²HUN-REN-SZTE Dermatological Research Group, HUN-REN Magyar Kutatási Halozat, Budapest, Budapest, Hungary



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Oral 020 [Poster 010]

New insights into the aetiology of keratin-associated inflammatory skin disease: Thymic keratin 76 shapes skin-specific central tolerance

Mara Gelmetti^{1, 5}, Inês M. Tomás³, Roberta Ragazzini⁴, Matteo Vietri Rudan¹, Diana Pereira¹, Zewen K. Tuong⁷, Fiona M. Watt^{6, 3}, Paola Bonfanti⁴, Daniel J. Pennington⁵, Ines Sequeira^{1, 2}

¹Centre for Oral Immunobiology and Regenerative Medicine, Barts Centre for Squamous Cancer, Institute of Dentistry, Queen Mary University of London, London, United Kingdom, ²NIMSB - NOVA Institute for Medical Systems Biology, Lisbon, Portugal, ³Centre for Stem Cell & Regenerative Medicine, King's College London, London, England, United Kingdom, ⁴The Francis Crick Institute, London, England, United Kingdom, ⁵Queen Mary University of London Blizard Institute, London, England, United Kingdom, ⁶Directors' Unit, EMBL, Heidelberg, Germany, ⁷Ian Frazer Centre for Children's Immunotherapy Research, The University of Queensland Faculty of Medicine, Herston, Queensland, Australia

Oral 021 [Poster 009]

Fli1 Haploinsufficiency Extracts Systemic Sclerosis-Relevant Transcriptomic Signatures from a Bleomycin-Induced Mouse Model

Takuya Takahashi, Takehiro Takahashi, Yoshihide Asano

Dermatology, Tohoku University Graduate School of Medicine, Sendai, Japan

Concurrent Session 2: Wound Healing, Regenerative Dermatology

Date : Thursday 10 September 2026, 11.30-13.00

Room : Hall 2A

Chairs : John Connolly, Inês Sequeira

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 022 [Poster 342]

Targeting a polyamine metabolism-based molecular switch to restore re-epithelialization in chronic wounds

Meng Shi

A*STAR Skin Research Labs, Singapore, Singapore

OTHER AUTHORS TBC

Oral 023 [Poster 343]

The urokinase inhibitor BC-11 attenuates skin fibrosis via macrophage-fibroblast crosstalk modulation

Lisa Auer¹, Hannes Kühtreiber², Paul Felix Harbich³, Sophie Röder², Melanie Salek², Vera Vorstandlechner⁴, Bahar Golabi², Hendrik J. Ankersmit^{1, 5}, Michael Mildner²

¹Thoracic Surgery, Medizinische Universität Wien, Vienna, Vienna, Austria, ²Dermatology, Medizinische Universität Wien, Vienna, Vienna, Austria, ³Cardiology, Wiener Gesundheitsverbund Klinik Ottakring, Vienna, Vienna, Austria, ⁴Plastic Surgery, Medizinische Universität Wien, Vienna, Vienna, Austria, ⁵Aposcience AG, Vienna, Vienna, Austria



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Oral 024 [Poster 347]

Adrenergic innervation fuels osteogenic matrix overproduction in keloids and presents a translatable target for topical therapy

Junjie Wang, Jihuan Liang, Liuqi Zhao, Zhikai Wang, Wenxiang Ding, Yang Sun, Honglin Wang, Fangzhou Lou

Shanghai General Hospital, Shanghai, China

Oral 025 [Poster 345]

Extracellular Vesicles Expressing CD24 Enhance Skin Wound Healing

Lia Mazur¹, Nadir Arber¹, Shai Israeli¹, Nadine Jaffe¹, Jan Lotvall², Shiran Shapira¹

¹Tel Aviv Sourasky Medical Center, Tel Aviv-Yafo, Tel Aviv District, Israel, ²Goteborgs universitet Krefting Research Centre, Gothenburg, Västra Götaland County, Sweden

Oral 026 [Poster 348]

Recombinant Human Thrombomodulin Derivative Promotes Wound Healing in Diabetic Foot Ulcer by Modulating VEGF-dependent Angiogenesis and Extracellular Matrix Organization Pathway

Jiun-Yan Ding¹, Yu-Qi Chuang², Thi Quynh Trang Dao¹, Hua-Lin Wu³, Chien-Chen Lin^{1,2}

¹Sanar Biotech Corp., Taipei City, Taiwan, ²Blue Blood Biotech Corp., Taipei City, Taiwan, ³Biochemistry and Molecular Biology, National Cheng Kung University College of Medicine, Tainan City, Tainan City, Taiwan

Oral 027 [Poster 344]

Modes of Programmed Macrophage Cell Death Govern Outcome of Cutaneous Wound Healing

Louise Injarabian⁴, Nils Reiche⁴, Sebastian Willenborg⁴, Yunfan Bai¹, David E. Sanin², Jovan Tanevski¹, Manolis Pasparakis³, Hamid Kashkar³, Sabine Eming^{4,3}

¹Universität Heidelberg Institute for Computational Biomedicine, Heidelberg, BW, Germany, ²The Johns Hopkins University School of Medicine, Baltimore, Maryland, United States, ³Exzellenzcluster CECAD in der Universität zu Köln, Cologne, NRW, Germany, ⁴Dermatology, Universität zu Köln, Cologne, NRW, Germany

Oral 028 [Poster 346]

Peripheral serotonin is a crucial regulator of skin homeostasis and repair

Stéphanie Matar^{1,2,3}, Anne-Cécile Petit^{3,4}, Peter Kanaan¹, Trung Ngô¹, Nathalie Mansour¹, Mansour AlKobtawi¹, Carmen Al Youssef¹, Raphael Gaillard^{3,4}, Selim Aractingi^{1,3,4}, Bénédicte Oulès^{1,2,4}

¹Biologie cutanée, Institut Cochin, Paris, Île-de-France, France, ²Department of Dermatology, Hôpital Cochin, Paris, Île-de-France, France, ³Service Hospitalo-Universitaire, Groupe Hospitalier Universitaire Paris psychiatrie & neurosciences, Paris, Île-de-France, France, ⁴Faculté de Santé, Université Paris Cité, Paris, Île-de-France, France

Oral 029 [Poster 349]

Spatiotemporally-Tunable double-layered microneedle confers immunoregulation to improve wound healing in diabetes

Wenzheng Xia (NOTE TO THOMAS: ADD EXTRA AUTHORS)

Plastic Surgery, Shanghai Jiao Tong University, Shanghai, Shanghai, China



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Oral 030 [Poster 360]

A comparative split study on efficacy of Erbium glass non-ablative fractional laser (1565 nm) with Platelet rich plasma versus Erbium glass non-ablative fractional laser (1565nm) alone in the treatment of striae distensae

Shrinivas Patil¹, Navya Donaparthi⁴, Anuj Bhatnagar², Debdeep Mitra³

¹Dermatology, Venereology and Leprosy, Indian Naval Hospital Ship Asvini, Mumbai, MH, India, ²Dermatology, Venereology and Leprosy, Armed Forces Medical College, Pune, MH, India, ³Dermatology, Venereology and Leprosy, Command Hospital Panchkula, Panchkula, HR, India, ⁴Dermatology, Venereology and Leprosy, Command Hospital Air Force Bangalore, Bengaluru, KA, India

Concurrent Session 3: Translational Skin Research, AI

Date : Thursday 10 September 2026, 11.30-13.00

Room : Hall 2B

Chairs : Giovanni Damiani, Des Tobin

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 031 [Poster 490]

Community-level microbial balance captures treatment-relevant skin microbiome structure beyond individual taxa in atopic dermatitis

Aki Kamata¹, Hiroshi Kawasaki¹, Yoshihiro Ito¹, Ayano Fukushima-Nomura¹, Xuyang Zhao², Jun Isayama⁴, Atsushi Ikemoto⁴, Keisuke Nagao¹, Masayuki Amagai³

¹Dermatology, Keio University School of Medicine, Tokyo, Japan, ²Medical Data Mathematical Reasoning Special Team, RIKEN-IMS, Yokohama, Japan, ³Laboratory for Skin Homeostasis, RIKEN-IMS, Yokohama, Japan, ⁴JSR-Keio University Medical and Chemical Innovation Center, Tokyo, Japan

Oral 032 [Poster 484]

Recombinant Protein Therapy for the Treatment of Junctional Epidermolysis Bullosa

Thomas Kirk, Viktorija Lapinska, Emanuel Rognoni, Matthew Caley

Queen Mary University of London Blizard Institute, London, England, United Kingdom

Oral 033 [Poster 487]

Artificial intelligence (AI)-based whole-slide image analysis combined with clinical parameters improves the prediction of metastatic risk and outcomes in Cutaneous Squamous Cell Carcinoma

Lauri Heiskanen^{1, 3, 4}, Sartaj Salman², Jaakko Knuutila¹, Veli-Matti Kähäri^{1, 3, 4}, Pekka Ruusuvaori^{2, 3}, Pilvi Riihilä^{1, 3, 4}

¹Dermatology, Turun yliopisto, Turku, Southwest Finland, Finland, ²Institute of Biomedicine, Turun yliopisto, Turku, Southwest Finland, Finland, ³FICAN West Cancer Centre Research Laboratory, Turun yliopisto, Turku, Southwest Finland, Finland, ⁴Dermatology, TYKS Turun yliopistollinen keskussairaala, Turku, Southwest Finland, Finland



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Oral 034 [Poster 485]

Single-cell profiling reveals melanocyte maturation arrest and sustained immune activation in treatment-resistant vitiligo skin

Ribal Merhi^{2, 1}, Chloé Avril², Simon Leonard³, Thomas Darde³, Katia Boniface^{2, 4}, Julien Seneschal^{2, 4, 1}

¹Dermatology, Centre Hospitalier Universitaire de Bordeaux Groupe hospitalier Pellegrin, Bordeaux, Nouvelle-Aquitaine, France, ²Immunologie Conceptuelle Experimentale et Translationnelle, Bordeaux, Nouvelle-Aquitaine, France, ³Scilicium, Rennes, France, ⁴Universite de Bordeaux College Sciences de la Sante, Bordeaux, Nouvelle-Aquitaine, France

Oral 035 [Poster 492]

Data-driven biomarkers for metastatic cutaneous squamous cell carcinoma using artificial intelligence

Catherine Chia^{1, 2, 4}, Marlies Wakkee¹, Olivia Steijlen¹, Rentroia-Pacheco Barbara¹, Arne Van Hoeck¹, Avital Amir³, Geert Litjens^{2, 4}, Antien Mooyaart⁵

¹Dermatology, Erasmus Cancer Institute, Erasmus Medical Center, Rotterdam, ZH, Netherlands, ²Computational Pathology Group, Radboud universitair medisch centrum, Nijmegen, GE, Netherlands, ³Pathology, Radboud universitair medisch centrum, Nijmegen, GE, Netherlands, ⁴Oncode Institute, Utrecht, UT, Netherlands, ⁵Pathology, Erasmus MC, Rotterdam, ZH, Netherlands

Oral 036 [Poster 486]

The Skin Genetics Consortium: a large-scale meta-analysis of genome-wide association studies across skin diseases and traits

Michael A. Simpson¹, Katie Watts², Jake Saklatvala¹, Nick Dand¹, Atlas Khan³, Drew Hite⁴, Noël P. Burt⁴, Lynn Petukhova⁵, Lavinia Paternoster², on behalf of the Skin Genetics Consortium¹

¹King's College London, London, England, United Kingdom, ²University of Bristol, Bristol, England, United Kingdom, ³Columbia University, New York, New York, United States, ⁴Broad Institute, Cambridge, Massachusetts, United States, ⁵NYU Langone Health, New York, New York, United States

Oral 037 [Poster 493]

Leveraging the UK Biobank to derive proteomic signatures representative of disease biology of dermatological indications

Diego Saldana Miranda¹, Jiale Peng², Martin-Alexander Schneider³, Enrico Ferrero³, Ulf Gehrman¹

¹Biomarker Development, Novartis AG, Basel, BS, Switzerland, ²Biomarker Development, Novartis AG, Shanghai, China, ³Biomedical Research Immunology, Novartis AG, Basel, BS, Switzerland

Oral 038 [Poster 488]

LCK and HOMER1 gene expression-based classifier distinguishes early mycosis fungoides from eczema and psoriasis

Nora Langreder², Martin Meinel¹, Andrea Schmitt², Kristin Technau-Hafsi², Christina Hillig¹, Emmanuella Guenova³, Kilian Eyerich², Michael Menden⁴, Stefanie Eyerich², Natalie V. Garzorz-Stark²

¹Helmholtz Zentrum Munchen Computational Health Center, Neuherberg, BY, Germany, ²Department of Dermatology and Venereology, Faculty of Medicine, Albert-Ludwigs-Universitat Freiburg, Freiburg, BW, Germany, ³Department of Immunodermatology, Medical Faculty, Johannes Kepler Universitat Linz, Linz, Upper Austria, Austria, ⁴Department of Biochemistry & Pharmacology, Bio21 Molecular Science and Biotechnology Institute, The University of Melbourne, Melbourne, Victoria, Australia



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Oral 039 [Poster 489]

Proteomic Profiling of Benign and Dysplastic Nevi Using a Non-Invasive Scarless Biopsy

Approach Fatemeh Mehdikhani^{2, 1, 3}, Rachel Teh^{1, 2, 3}, Zhaoxiang Cai⁴, Victoria Mar^{5, 6}, Peter Soyer^{7, 8}, Monika Janda⁹, Pablo Fernández-Peñas^{1, 2, 3}, Ali Azimi^{1, 2, 3}

¹Department of Dermatology, Westmead Hospital, Sydney, New South Wales, Australia, ²Centre for Cancer Research, The Westmead Institute for Medical Research, The University of Sydney, Sydney, New South Wales, Australia, ³Westmead Clinical School, Faculty of Medicine and Health, The University of Sydney, Sydney, New South Wales, Australia, ⁴ProCan, Children's Medical Research Institute, Faculty of Medicine and Health, the University of Sydney, Westmead, NSW, Australia, the University of Sydney, Sydney, New South Wales, Australia, ⁵School of Public Health and Preventative Medicine, Monash University, Melbourne, Victoria, Australia, Monash University, Melbourne, Victoria, Australia, ⁶Victorian Melanoma Service, Alfred Health, Melbourne, Victoria, Australia, Alfred Health, Melbourne, Victoria, Australia, ⁷Frazer Institute, The University of Queensland, Dermatology Research Centre, Brisbane, QLD, Australia, The University of Queensland, Brisbane, Queensland, Australia, ⁸Department of Dermatology, Princess Alexandra Hospital, Brisbane, QLD, Australia, Princess Alexandra Hospital, Brisbane, Queensland, Australia, ⁹Centre for Health Services Research, Faculty of Medicine, The University of Queensland, Brisbane, QLD, Australia, The University of Queensland, Brisbane, Queensland, Australia

Concurrent Session 4: Autoimmunity, Auto-inflammation

Date : Friday 11 September 2026, 09.00-10.30

Room : Hall 1

Chairs : Katia Boniface, tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 040 [Poster 153]

Role of B Cells, Plasma Cells and Autoantibodies in Hidradenitis Suppurativa

Lucia Csepregi, Celine Cojean, Aashil Batavia, Dominik Aschenbrenner, Jonas Zierer, Lukas Roth, Bo Bang, Till Roehn, Elisabetta Traggiai, Ben Roediger
Novartis AG, Basel, BS, Switzerland

Oral 041 [Poster 147]

From Genetic Risk to Tissue Circuitry: IL-23–Driven Remodeling of Stromal–Immune Niches in Psoriasis

Rundong Jiang¹, Andrew Blauvelt², Linyu Shi³, Lam Tsoi¹, Rachael Bogle¹, Jennifer Fox¹, Robert Matheson², Huzefa Photowala³, Benjamin Ehst⁴, Johann Gudjonsson¹

¹Department of Dermatology, University of Michigan, Ann Arbor, Ann Arbor, Michigan, United States, ²University of Maryland Baltimore School of Medicine, Baltimore, Maryland, United States, ³AbbVie Inc, North Chicago, Illinois, United States, ⁴Oregon Medical Association, Portland, Oregon, United States



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Oral 042 [Poster 154]

Precision medicine in psoriasis: predicting treatment response to biologic therapies through the analysis of disease-predisposing allelic variants

Martina Morelli¹, Giovanni Luca Scaglione², Valentina Di Francesco¹, Gaia Moretta³, Gianluca Pagnanelli³, Marina Talamonti⁴, Stefania Madonna¹, Giampiero Girolomoni⁵, Marco Galluzzo⁴, Cristina Albanesi¹

¹Experimental Immunology Lab, IDI-IRCCS, Rome, Italy, ²IDI-IRCCS, Rome, Italy, ³Dermatology Unit, IDI-IRCCS, Rome, Italy, ⁴Dermatology Unit, AOU Fondazione Policlinico Tor Vergata, Rome, Italy, ⁵Dermatology Unit, Università degli Studi di Verona, Verona, Veneto, Italy

Oral 043 [Poster 149]

Extracellular Granzyme B Promotes Vitiligo-Associated Depigmentation with Melanocyte Detachment and Is Attenuated by Topical Inhibition in Mice

Siwei Diao⁴, Yasutaka Kuroda¹, Lingli Yang², Ichiro Katayama², David J. Granville³, Daisuke Tsuruta⁴, Sho Hiroyasu⁴

¹Cosmetic Research Laboratories, Kao Corporation, Tokyo, Japan, ²Department of Pigmentation Research and Therapeutics, Osaka Metropolitan University Graduate School of Medicine, Osaka, Japan, ³Pathology and Laboratory Medicine, The University of British Columbia Faculty of Medicine, Vancouver, British Columbia, Canada, ⁴Department of Dermatology, Osaka Metropolitan University Graduate School of Medicine, Osaka, Japan

Oral 044 [Poster 169]

Dynamics of TFH subsets in bullous pemphigoid during active disease and remission

Maria Polina Konstantinou^{1,3}, Panagiotis Verginis², Markaki Effrosyni², Aikaterini Chatziperrou¹, Marianna Vafeiadi¹, Sabine-Elke Kruger-Krasagakis¹, Konstantinos Krasagakis¹

¹Dermatology, University General Hospital of Heraklion, Heraklion, Greece, ²Laboratory of Immune Regulation and Tolerance, Division of Basic Sciences, Medical School, University of Crete, Heraklion, Greece, ³Laboratory of Dermatology, Division of Internal Medicine, Medical School University of Crete, Heraklion, Greece

Oral 045 [Poster 148]

Selective JAK Inhibition Ameliorates Disease Severity in Experimental Mucous Membrane Pemphigoid and highlights a pathogenetic role of fibroblasts

Jian Liu, Shoshant Prasad Sah, Enno Schmidt, Sabrina Patzelt

Universität zu Lubeck Institut für Experimentelle Dermatologie, Lübeck, SH, Germany

Oral 046 [Poster 150]

Schnitzler Syndrome as an Autoinflammatory Disease Driven by B-Cell-Specific Somatic MYD88 Mutation

Yuyi Zhou, Yoko Ueki, Mengyan Li, Kenji Kabashima, Naotomo Kambe

Department of Dermatology, Kyoto Daigaku Daigakuin Igaku Kenkyuka Igakubu, Kyoto, Kyoto Prefecture, Japan

Oral 047 [Poster 151]

Inflammatory Infiltration as a Precursor to Immune Privilege Collapse in Alopecia Areata

Sophie Frech, Namrata Singh, Martin Simon, Inigo Oyarzun, Philipp Tschandl, Sabina

Gansberger, Johannes Griss

Department of Dermatology, Medizinische Universität Wien, Vienna, Austria



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Oral 048 [Poster 155]

Pemphigus vulgaris B-cell receptor sequencing for a targeted systemic antibody-drug conjugate delivery strategy

Rindert R. Venema¹, Bram Jaasma¹, Laura van Nijen-Vos¹, Miranda Nijenhuis¹, Peter van den Akker², Jeroen Bremer¹

¹Dermatology, Universitair Medisch Centrum Groningen, Groningen, Netherlands, ²Genetics, Universitair Medisch Centrum Groningen, Groningen, Netherlands

Concurrent Session 5: Skin Ageing, Senescence, Protective Strategies

Date : Friday 11 September 2026, 09.00-10.30

Room : Hall 2A

Chairs : Louise Injarabian, tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 049 [Poster 265]

Topical reverse transcriptase inhibitors reduce retrotransposon-associated skin inflammaging

Joanna Cheng^{1, 2, 3}, Minami Yamada^{1, 2, 3}, Tomonori Oka^{1, 2, 3}, Satoshi Horiba^{1, 2, 3}, Marjan Azin^{1, 2, 3}, Shadmehr Demehri^{1, 2, 3}

¹Dermatology, Harvard Medical School, Boston, Massachusetts, United States, ²Center for Cancer Immunology, Krantz Family Center for Cancer Research, Massachusetts General Hospital, Boston, Massachusetts, United States, ³Cutaneous Biology Research Center, Massachusetts General Hospital, Boston, Massachusetts, United States

Oral 050 [Poster 268]

Aging-Associated Mitochondrial Decline Accelerates Skin Aging and Obesity

Shuji Yamamura^{2, 1}, Haruki Horiguchi¹, Yuichi Oike¹, Satoshi Fukushima²

¹Molecular genetics, Kumamoto Daigaku Daigakuin Seimei Kagaku Kenkyubu, Kumamoto, Kumamoto Prefecture, Japan, ²Dermatology, Kumamoto Daigaku Daigakuin Seimei Kagaku Kenkyubu, Kumamoto, Kumamoto Prefecture, Japan

Oral 051 [Poster 266]

miR-383 promotes senescence in human dermal fibroblasts by targeting PCLAF and suppressing DNA repair

Chen Li¹, Longlong Luo¹, Evelyn Kelemen¹, Ankit Srivastava⁴, Françoise Bernerd³, Claire Marionnet³, Enikő Sonkoly^{2, 1}, Andor Pivarcsi¹

¹Department of Medical Biochemistry and Microbiology, Uppsala Universitet, Uppsala, Uppsala County, Sweden, ²Department of Medical Sciences, Uppsala Universitet, Uppsala, Uppsala County, Sweden, ³L'Oréal Research and Innovation, Aulnay-sous-Bois, France, ⁴Department of Medicine, Karolinska Institutet, Stockholm, Stockholm County, Sweden



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Oral 052 [Poster 272]

N-acetylcysteine Exerts Senescence-selective Antifibrotic Effects in Fibroblasts from Chronic Wounds in Recessive Dystrophic Epidermolysis Bullosa

Evelyn Catalán¹, Belén Dianta¹, Francis Palisson², Boris Rebolledo⁴, Andrew P. South³, Alexander Nyström⁵, Ignacia Fuentes^{1, 2}

¹Pontificia Universidad Católica de Chile, Santiago, Santiago Metropolitan Region, Chile, ²DEBRA Chile, Santiago, Chile, ³University of Wisconsin-Madison, Madison, Wisconsin, United States, ⁴Centro de Genética y Genómica, Universidad del Desarrollo, Santiago, Santiago Metropolitan Region, Chile, ⁵Albert-Ludwigs-Universität Freiburg, Freiburg, BW, Germany

Oral 053 [Poster 273]

Marein alleviates cutaneous photodamage through AHCY-dependent restoration of PINK1/Parkin-mediated mitophagy

Jiangming Zhong¹, Yikao Hu^{2, 1}, Xiaolin Bai², Xun Liao², Peng Shu¹

¹HBN Research Institute and Biological Laboratory, Shenzhen HBN Technology (Group) Company Limited, Shenzhen, Guangdong, China, ²Chengdu Institute of Biology, Chinese Academy of Sciences, Chengdu, China

Oral 054 [Poster 274]

Endothelial Ageing Drives Matrix Breakdown and Blood-Lymphatic Disorganisation in a Human Eyelid Skin Equivalent

Hugo Marchal-Chaud², Agnès Tessier¹, Francesca Marcato¹, Kilian Laho², Marie-Océane Chaffois², Gaëlle Gendronneau¹, Nada Andre¹, Morgan Dos Santos², Youcef Ben Khalifa¹

¹Innovation Research & Development, CHANEL Fragrance & Beauty, Pantin, France, ²LabSkin Creations, Lyon, France

Oral 055 [Poster 269]

Melatonin Suppresses Dermal Fibroblast Senescence by Targeting the CXCL9 Axis and Preserving Mitochondrial Function

Kento Takaya^{2, 1}, Mayuko Okura², Tatsuyuki Ishii², Ko Nakao², Russel J. Reiter³, Keisuke Okabe², Kazuo Kishi²

¹Surgery, The University of Arizona College of Medicine Tucson, Tucson, Arizona, United States, ²Plastic and Reconstructive Surgery, Keio University School of Medicine, Tokyo, Japan, ³Cell Systems and Anatomy, The University of Texas Health Science Center at San Antonio Joe R and Teresa Lozano Long School of Medicine, San Antonio, Texas, United States

Oral 056 [Poster 270]

Decay of the Lef1-Srsf3-microRNA axis underlies stem cell aging

Yasuaki Ikuno^{1, 2}, Yukie Kande², Ayano Narumoto², Dai Ihara³, Noriki Fujimoto¹, Hayato Nakaneda²

¹Department of Dermatology, Shiga University of Medical Science, Otsu, Shiga, Japan, ²Department of Anatomy, Shiga Ika Daigaku, Otsu, Shiga Prefecture, Japan, ³University of Oxford Sir William Dunn School of Pathology, Oxford, England, United Kingdom



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Oral 057 [Poster 275]

Skin Ageing-Related Loss of Basement Membrane Collagens Disrupts Nuclear Mechanics and Epidermal Homeostasis.

Simranpreet K. Summan¹, Manthankumar Patel¹, Pradeepa M. Madapura¹, Syed F. Shah¹, Abigail K. Langton⁵, Andrew Mayes², David A. Gunn³, Julien Gautrot⁴, Matthew Caley¹, Edel A. O'Toole¹

¹Barts and The London School of Medicine and Dentistry Blizard Institute, London, London, United Kingdom, ²Unilever plc, Bedford, England, United Kingdom, ³Unilever plc, London, England, United Kingdom, ⁴Queen Mary University of London Faculty of Science and Engineering, London, England, United Kingdom, ⁵The University of Manchester Division of Musculoskeletal and Dermatological Sciences, Manchester, England, United Kingdom

Concurrent Session 6: State-of-the-art Skin Biology, Genetic Skin Diseases

Date : Friday 11 September 2026, 09.00-10.30

Room : Forum 1

Chairs : Sara Brown, Araksya Izmiryan

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 058 [Poster 400]

A targetable mitochondrial dependency in CYLD cutaneous syndrome

Joseph Inns¹, Marzena Kurzawa-Akanbi², Kirsty Hodgson¹, Ashwin Sachdeva³, Christopher Carey¹, Prymidis Dimitrios⁴, David Adams⁵, Christian Frezza⁴, Neil Rajan¹

¹Translational and Clinical Research Institute, Newcastle University Faculty of Medical Sciences, Newcastle upon Tyne, England, United Kingdom, ²Newcastle University Biosciences Institute, Newcastle upon Tyne, England, United Kingdom, ³Division of Cancer Sciences, The University of Manchester Faculty of Biology Medicine and Health, Manchester, England, United Kingdom, ⁴Institute for Metabolomics in Ageing, Universitat zu Koln Medizinische Fakultät, Cologne, NRW, Germany, ⁵Wellcome Sanger Institute, Hinxton, England, United Kingdom

Oral 059 [Poster 403]

Mitochondria-mediated COL7A1 delivery restores collagen VII expression in an epidermolysis bullosa patient cell xenograft model

Gabriele Fontana¹, Dedy Septiadi¹, Lena Schmid², Marina Barros², Stefanie Gruner², Stefan Hainzl², Alexander Schueller¹, Hana Cernecka², Martijn Brugman¹, Josefina Piñon Hofbauer²

¹cellvie AG, Zurich, Zurich, Switzerland, ²EB Research Institute GmbH, Salzburg, Austria

Oral 060 [Poster 405]

Nirogacestat Ameliorates Fibrosis in Murine Recessive Dystrophic Epidermolysis Bullosa

Rebecca Nobili¹, Alessia Primerano², Jonathan F. Reinoso Sánchez², Sofia Scibetta¹, Valentina D'Agostino¹, Daniele Castiglia², May El Hachem¹, Giovanna Zambruno¹, Teresa Odorisio², Angelo Giuseppe Condorelli¹

¹Bambino Gesù Children's Hospital, IRCCS, Rome, Italy, ²IDI-IRCCS, Rome, Italy



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Oral 061 [Poster 401]

Improving Skin Regeneration in Junctional Epidermolysis Bullosa by Targeting the Integrin $\alpha\text{v}\beta 6$

Viktorija Lapinska¹, Priya Garcha¹, Edel A. O'Toole¹, John Marshall², John McGrath³, Matthew Caley¹, Emanuel Rognoni¹

¹CBCR, Queen Mary University of London Blizard Institute, London, England, United Kingdom, ²Barts Cancer Institute, London, England, United Kingdom, ³St John's Institute of Dermatology, London, England, United Kingdom

Oral 062 [Poster 399]

European and multi-ancestry genome-wide association meta-analysis identifies immune and neuronal loci for pruritus in 1.6 million individuals

Juliette F. Bollemeijer¹, Katerina Trajanoska², Mengzhen Liu³, David A. Gunn⁴, Tamar E. Nijsten¹, Luba M. Pardo¹

¹Department of Dermatology, Erasmus MC, Rotterdam, ZH, Netherlands, ²Department of Internal Medicine, Erasmus MC, Rotterdam, ZH, Netherlands, ³Human Genetics, AbbVie Inc, North Chicago, Illinois, United States, ⁴Unilever Research and Development at King's College London, London, United Kingdom

Oral 063 [Poster 404]

Inflammation-Pigmentation Crosstalk Drives Pigmentary Dysregulation in Xeroderma Pigmentosum-C Skin Organoids

Zeinab El Dor¹, Mariane Obeid¹, Joudi El Mir¹, Eric Sulpice¹, Ali Nasrallah², Walid Rachidi¹

¹Univ. Grenoble Alpes, CEA, Inserm, IRIG, UA13 BGE, Biomics, Grenoble 38000, France, ²Univ. Bordeaux, Inserm U1312 BRIC, Trio2, Bordeaux, France

Oral 064 [Poster 408]

Exploring mevalonate pathway defects in porokeratosis and their role in systemic autoinflammation

Daniele O. Traini¹, Valentina Trevisan^{2, 3}, Roberto Bertozzi², Angelo Minucci³, Chiara Leoni², Michelangelo Marasco¹

¹Dermatology, Università Cattolica del Sacro Cuore, Milan, Lombardy, Italy, ²Centre for Rare Diseases and Birth Defects, Department of Woman and Child Health and Public Health, Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Rome, Italy, ³Genomic Medicine, Department of Life Sciences and Public Health, Catholic University of the Sacred Heart, Rome, Italy

Oral 065 [Poster 402]

Keratin mutations associated with epidermolysis bullosa simplex induce nuclear fragility and inflammatory stress responses

Emily Lay, Yiyang Guo, Julien Gautrot, David Kelsell, John Connelly
Queen Mary University of London, London, England, United Kingdom

Oral 066 [Poster 409]

TRH receptor signaling drives intrafollicular TSH production and promotes hair growth in human hair follicles

Kinga Linowiecka^{2, 1}, Sofia Perez³, Aysun Akhundlu³, Tatiana Gomez-Gomez³, Jennifer Gherardini², Jose Rodriguez-Feliz⁴, Wolfgang Funk⁵, Jérémy Chéret^{2, 3}, Ralf Paus^{2, 3}

¹Department of Human Biology, Nicolaus Copernicus University in Torun Faculty of Biological and Veterinary Sciences, Torun, Poland, ²CUTANEON, Berlin, Germany, ³Dermatology, University of Miami Miller School of Medicine, Miami, Florida, United States, ⁴Skin & Hair, Plastic Surgery, Coral Gables, Florida, United States, ⁵Cosmetic Clinic Dr. Funk, Munich, Germany



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Concurrent Session 7: Late-Breaking Abstracts

Date : Friday 11 September 2026, 09.00-10.30

Room : Forum 4

Chairs : Beatrice Dyring-Andersen, tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

PROGRAM TO FOLLOW

Concurrent Session 8: Pathophysiology of Inflammatory Skin Diseases 2

Date : Saturday 12 September 2026, 08.30-10.00

Room : Hall 1

Chairs : Julien Seneschal, tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 076 [Poster 013]

Modelling the Breakdown of Hair Follicles in the Inflammatory Skin Disease Hidradenitis Suppurativa

Jay M. Mayatra, Daniel Johnston

Anatomy, Trinity College Dublin School of Medicine, Dublin, Leinster, Ireland

Oral 077 [Poster 015]

Inflammation-Induced p75NTR Loss in Schwann Cells Drives NGF-Dependent Cutaneous Pain in Psoriasis

Ningning Dang

Shandong Provincial Hospital, Jinan, Shandong, China

Oral 078 [Poster 017]

From Floating to Sleeping Melanocytes: Redifferentiation as a New Paradigm in Vitiligo Therapy

Lingli Yang¹, Fei Yang^{1, 2}, Takuo Yuki², Yoshito Takahashi², Tetsuya Sayo², Takeshi Namiki³, Shigetoshi Sano⁴, Shintaro Inoue⁵, Daisuke Tsuruta⁶, Ichiro Katayama¹

¹Department of Pigmentation Research and Therapeutics, Graduate School of Medicine, Osaka Metropolitan University, Osaka, Japan, ²Cosmetic Product Research, Research and Development, Kao Corporation, Odawara, Japan, ³Department of Dermatology, Graduate School and Faculty of Medicine, Institute of Science Tokyo, Tokyo, Japan, ⁴Department of Dermatology, Kochi Medical School, Kochi University, Kochi, Japan, ⁵Cosmetic Health Science Laboratory, Gifu Pharmaceutical University, Gifu, Japan, ⁶Department of Dermatology, Graduate School of Medicine, Osaka Metropolitan University, Osaka, Japan



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Oral 079 [Poster 014]

Sebaceous gland dysregulation in Parkinson's disease

Sarah Mosca¹, Grazia Bottillo¹, Daniela Kovacs¹, Francesca Lozzi¹, Christos C. Zouboulis², Giulia SImmini³, Alessia Luppino³, Emanuela Camera¹, Giorgia Cardinali¹, Enrica Flori¹

¹San Gallicano Dermatological Institute, IRCCS, Rome, Italy, ²Universitaetsklinikum Ruppin-Brandenburg, Neuruppin, Germany, ³Fondazione IRCCS Istituto Neurologico Carlo Besta, Rome, Italy

Oral 080 [Poster 152]

Self-peptides presented by HLA-C*06:02 in psoriatic lesions share sequence homology with Streptococcal peptides

Asolina Braun¹, Bjørn Kromann Hansen^{2, 3}, Runqiu Song¹, Shanzou Chung¹, Thuvarahan Jegathees⁴, Lone Skov³, Marianne B. Løvendorf^{2, 3}, Johannes S. Kern⁴, Beatrice Dyring-Andersen^{2, 3}, Anthony W. Purcell¹

¹Monash University, Melbourne, Victoria, Australia, ²Dermatology, Sjaellands Universitetshospital Roskilde, Roskilde, Region Zealand, Denmark, ³Dermatology and Allergy, Rigshospitalet, Copenhagen, Capital Region of Denmark, Denmark, ⁴Dermatology, Monash University School of Translational Medicine, Melbourne, Victoria, Australia

Oral 081 [Poster 016]

A Novel Mouse Model of Hidradenitis Suppurativa Based on Hair Follicle Stem Cell-Specific Nicastrin Deletion

Hien T. Tran³, Demba Toure⁴, Francette Jean Louis⁴, Fanny Couplier⁴, Piotr Topilko^{4, 1, 2}, Nicolas Bouladoux³, Yasmine Belkaid³, Sophie Hue^{3, 1, 2}

¹Universite Paris-Est Creteil Val de Marne, Créteil, Île-de-France, France, ²Hopital Henri Mondor, Créteil, Île-de-France, France, ³Metaorganism Unit, Immunology, Institut Pasteur, Paris, Île-de-France, France, ⁴Institut Mondor de recherche biomédicale, Créteil, Île-de-France, France

Oral 082 [Poster 018]

Activation of the NLRP3 inflammasome induces type 1 inflammation and neutrophil activation in pyoderma gangrenosum across human and murine models

Takeshi Araki, Akihiko Uchiyama, Rimu Takata, Keiji Kosaka, Mayu Ohtaka, Shintaro Saito, Takayuki Shuto, Sei-ichiro Motegi

Department of Dermatology, Gunma University Graduate School of Medicine, Maebashi, Gunma Prefecture, Japan

Oral 083 [Poster 156]

Mitochondrial Stress-Driven Interferon Signaling in Dermatomyositis Skin Revealed by Spatial Transcriptomics

Julian Steininger¹, Sarah Rösing¹, Johanna Klughammer², Laura Mlitzko³, Kristina Fischer³, Susann Meisterfeld³, Claudia Günther^{1, 3}

¹Universitätsklinikum Tübingen, Tübingen, BW, Germany, ²Ludwig-Maximilians-Universität München, Munich, BY, Germany, ³Universitätsklinikum Carl Gustav Carus, Dresden, SN, Germany

Oral 084 [Poster 019]

Galvokimig, a multispecific antibody-based therapeutic, attenuates key immune pathways in atopic dermatitis: transcriptomic insights from a Phase 2a trial

Raj Chovatiya¹, Hamish J. Hunter², Maria Sarno³, Hannah Edwards³, Andrew Moss³, Joe Rastrick³, Gabrielle S. Le Provost³, Ioana Cutcutache³, Andrew Skelton³, Veerle Vanvoorden⁴

¹Chicago Medical School, Rosalind Franklin University of Medicine and Science, North Chicago, Illinois, United States, ²Dermatology Centre, Northern Care Alliance NHS Foundation Trust, Manchester, United Kingdom, ³UCB, Slough, United Kingdom, ⁴UCB, Brussels, Belgium



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Concurrent Session 9: Skin Cancers: Pathomechanisms, Innovative Therapies

Date : Saturday 12 September 2026, 08.30-10.00

Room : Hall 2A

Chairs : Robin Reschke, tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 085 [Poster 197]

Integrated Molecular Profiling Reveals the Origins and Clinical Heterogeneity of Basal Cell Carcinoma

Andrey Yurchenko¹, Fatemeh Rajabi¹, Laurent Parmentier², Shensi Shen³, Denis Salomon², Lukas Flatz⁴, Nicole Basset-Seguin⁵, Sergey Nikolaev¹

¹Gustave Roussy, Villejuif, Île-de-France, France, ²Hopital du Valais, Sion, VS, Switzerland, ³Institute of Thoracic Oncology and Depart of Thoracic Surgery, Chengdu, China, ⁴Eberhard Karls University of Tuebingen, Tuebingen, Germany, ⁵Hopital Saint-Louis, Paris, Île-de-France, France

Oral 086 [Poster 198]

Intra-tumoral injection of TGFβ resistant natural killer cells in patients with cutaneous keratinocyte carcinomas

Kirsten M. Johnson^{1,3}, Dean A. Lee²

¹Dermatology, The Ohio State University Wexner Medical Center, Columbus, Ohio, United States, ²Center for Childhood Cancer Research, Nationwide Children's Hospital, Columbus, Ohio, United States, ³Dermatology, University Hospitals Health System, Cleveland, Ohio, United States

Oral 087 [Poster 199]

Combined TCR-T therapy and ferroptosis induction overcome melanoma heterogeneity including escape variants

Daisuke Ehara^{1,2}, Kiyoshi Yasui², Mitsuhiro Yoneda², Sachiko Okamoto³, Yasunori Amaishi³, Daisuke Muraoka⁴, Hiroaki Ikeda², Hiroyuki Murota¹

¹Dermatology, Nagasaki Daigaku Daigakuin Ishiyakugaku Sogo Kenkyuka, Nagasaki, Nagasaki Prefecture, Japan, ²Oncology, Nagasaki Daigaku Daigakuin Ishiyakugaku Sogo Kenkyuka, Nagasaki, Nagasaki Prefecture, Japan, ³Tech. Development Ctr, Takara Bio Inc., Kusatsu, Japan, ⁴Div. of Translational Oncoimmunology, Aichi-ken Gan Center, Nagoya, Aichi Prefecture, Japan

Oral 088 [Poster 200]

Non-Invasive Molecular Diagnosis and Early Cancer Detection in Epidermolysis Bullosa via AI-Enhanced Raman Spectroscopy ('READ-EB' Platform)

Jarrod Thomas¹, Jonathan Rickard², Adrian Heagerty³, Pola G. Oppenheimer¹

¹Biomedical Engineering, University of Birmingham, Birmingham, England, United Kingdom, ²Physics, University of Cambridge, Cambridge, England, United Kingdom, ³Dermatology, University Hospitals Birmingham NHS Foundation Trust, Birmingham, England, United Kingdom



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Oral 089 [Poster 201]

Tumor-margin immune niches associated with immunotherapy response in cutaneous squamous cell carcinoma

Ahmed M. Mousa^{1,2}, Robin Bonkaß², Sadaf Mughal^{2,4}, Jessica Hassel^{1,4}, Benedikt Brors^{2,4}, Robin Reschke^{1,3,4}

¹Dermatological oncology, Nationales Centrum für Tumorerkrankungen Heidelberg, Heidelberg, BW, Germany, ²Applied Bioinformatics, Deutsches Krebsforschungszentrum, Heidelberg, BW, Germany, ³Applied Tumor Immunity, Deutsches Krebsforschungszentrum, Heidelberg, BW, Germany, ⁴Deutsches Konsortium für Translationale Krebsforschung, Heidelberg, BB, Germany

Oral 090 [Poster 203]

Skin immunization reveals a novel lung intravascular CD8 memory T-cell protective population

Nicoletta Ninkovic¹, Jason Williams¹, Neal Smith², Jiang Zhang¹, Bharat Rajmalani¹, Timothy Pan³, Alexandra-Chloe Villani², Thomas Kupper¹

¹Dermatology, Mass General Brigham Inc, Boston, Massachusetts, United States, ²Medicine, Mass General Brigham Inc, Boston, Massachusetts, United States, ³Northwestern University, Evanston, Illinois, United States

Oral 091 [Poster 204]

Modelling Innate Immune Dysregulation in Recessive Dystrophic Epidermolysis Bullosa-cSCC using a Multicellular Spheroid

Madalina Alexandru, Imogen Brooks, Xinyi Chen, John McGrath, Jemima E. Mellerio, Sophia N. Karagiannis, Joanna Jacków-Malinowska

St John's Institute of Dermatology, King's College London Faculty of Life Sciences & Medicine, London, England, United Kingdom

Oral 092 [Poster 202]

1-methylnicotinamide is an immunosuppressive metabolite in human basal cell carcinoma

Robert Seitz¹, Luisa Bopp¹, Manuel Huerta Arana², Sarah Helene Schmidt¹, Omid Omrani², Henning Klapproth¹, Steve Hoffmann³, Jan-Wilm Lackmann⁴, Christian Frezza⁴, Mario Fabri²

¹Dermatology and Venereology, Universität zu Köln, Cologne, NRW, Germany, ²Dermatology, Universitätsklinikum Jena, Jena, Thuringia, Germany, ³Leibniz Institut für Altersforschung - Fritz-Lipmann Institut eV, Jena, Thuringia, Germany, ⁴Exzellenzcluster CECAD in der Universität zu Köln, Cologne, NRW, Germany

Oral 093 [Poster 205]

A POSTN fibroblast niche sustains keratinocyte Carcinoma and is therapeutically targetable

Jeyroy A. Gabriel^{1,2}, Clarisse Ganier³, Magnus Lynch¹

¹Centre for Gene Therapy and Regenerative Medicine, King's College London, London, United Kingdom, ²St John's Dermatopathology Laboratory, Synnovis Analytics, Guy's and St Thomas NHS Trust, London, United Kingdom, ³Immunology department, Meta-organism Unit, Institut Pasteur, Paris, United Kingdom



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Concurrent Session 10: Skin Cancers: Infectious Skin Diseases, Dysbiosis, Skin Microbiome

Date : Saturday 12 September 2026, 08.30-10.00

Room : Forum 1

Chairs : Verena Martinz, tba

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 094 [Poster 452]

***Cutibacterium acnes* at the skin-microbiome interface: propionate-mediated niche construction links sebocyte metabolism and microbiome homeostasis**

Viduthalai Rasheedkhan Regina^{1, 2, 3}, Ann Don Low⁴, Omkar Kulkarni⁴, Hashmath Fatimah³, Deenadayalan Karaiyagowder Govindarajan³, Ang Sabrina⁴, Samantha Quah³, Angeline Tay⁴, Scott Rice^{3, 5}, Tarun Chopra⁴

¹Astar Skin Research Labs, Agency for Science Technology and Research, Singapore, Singapore, ²Skin Research Institute of Singapore, Singapore, Singapore, ³Singapore Center for Life Science Engineering, Singapore, Singapore, ⁴Loreal Research and Innovation, Singapore, Singapore, ⁵University of Technology Sydney, Sydney, New South Wales, Australia

Oral 095 [Poster 450]

Spatial organization of skin immunity drives antiviral responses during human MPOX infection

Moses L. Ntayi^{1, 2}, Katja Knapp^{1, 2}, Florian Deckert^{1, 2}, Konrad Chrapla¹, Ana Elena Aguilar Gonzalez^{1, 2}, Katharina Grabmeier-Pfistershammer¹, Simona Saluzzo¹, Georg Stary^{1, 2}

¹Department of Dermatology, Medizinische Universität Wien, Vienna, Austria, ²CeMM Research Center for Molecular Medicine, Austrian Academy of Sciences, Vienna, Austria

Oral 096 [Poster 454]

UV radiation-induced changes in the skin microbial metabolome enhance AhR signalling and barrier marker expression

Steven D. Mercer¹, Abigail Elias¹, Geoff S. Briggs², Mike Bell², Andrew J. McBain¹, Catherine O'Neill¹

¹The University of Manchester, Manchester, England, United Kingdom, ²No7 Beauty Company Nottingham, Nottingham, England, United Kingdom

Oral 097 [Poster 453]

***Candida albicans*-driven itch is associated with mast cell expansion and type 2 neuro-immune signaling in skin**

Alina Tyo¹, Kelun Zhang², Hyeli Kim¹, Nicole Bischof¹, Xavier Chavarria¹, Kyoungdo Mun¹, Jiwoo Choi¹, Yeonwoo Jung¹, Wanjin Kim¹, Chang Ook Park¹

¹Dermatology, Yonsei University College of Medicine, Seodaemun-gu, Seoul, Korea (the Republic of), ²Karolinska Institutet, Stockholm, Stockholm County, Sweden

Oral 098 [Poster 451]

STAT3 regulates IFN γ -induced necroptosis in human keratinocytes

Paul Dong-Huhn Lee, Lukas Freund, Knut Schäkel

Department of Dermatology, University Hospital Heidelberg, Heidelberg, Germany



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Oral 099 [Poster 458]

Nutrient-dependent public goods-cheater dynamics shapes *Staphylococcus aureus* evolution in healthy and inflamed skin

Risa Oshima¹, Barbola Salcman¹, Ahmad A. Mannan³, Reiko Tanaka³, Yumi Matsuoka-Nakamura^{1, 2}

¹*Cutaneous Allergy and Host Defense, Immunology Frontier Research Center, The University of Osaka, Osaka Daigaku, Suita, Osaka Prefecture, Japan*, ²*Department of Dermatology, Graduate School of Medicine, Osaka Daigaku, Suita, Osaka Prefecture, Japan*, ³*Department of Bioengineering - Faculty of Engineering, Imperial College London, London, England, United Kingdom*

Oral 100 [Poster 459]

Similarities and differences in herpesviruses' interaction with the epidermal terminal differentiation programme

Cristina Tommasi, Geonhee Kim, Judith Breuer

University College London, London, England, United Kingdom

Oral 101 [Poster 456]

Keratinocyte response to dermatophytosis: the joint role of TLR2 and Dectin-1

Louise Gérard, Eléa Denil, Janelle Demaude, Emilie Faway, Thomas Balligand, Yves Poumay
Medicine, Université de Namur, Namur, Walloon Region, Belgium

Oral 102 [Poster 457]

Tracking herpes simplex virus 1 infection during tissue regeneration using three-dimensional human skin equivalents

Arnout Mieremet¹, Anouk Stolk², Angelique Kreikamp¹, Abdoelwaheb E. Ghalbzouri²

¹*Microbiology and Systems Biology, TNO, Leiden, ZH, Netherlands*, ²*Dermatology, Leids Universitair Medisch Centrum, Leiden, ZH, Netherlands*

Concurrent Session 11: Clinical Dermatology, Case Reports, Epidemiology

Date : Saturday 12 September 2026, 08.30-10.00

Room : Forum 4

Chairs : Veronica Kinsler, Konstantinos Krasagakis

Concurrent talks are 7 minutes plus 2 minutes discussion.

Oral 103 [Poster 540]

Do Biologics and Janus Kinase Inhibitors Perform Consistently Across Patients with Atopic Dermatitis with Diverse Skin Tones? Real-World Data from a Tertiary Centre

Vasiliki Pikoula¹, Anthony Bewley², Maria Angeliki Gkini²

¹*Queen Mary University of London Faculty of Medicine and Dentistry, London, England, United Kingdom*, ²*Barts Health NHS Trust, London, England, United Kingdom*



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Oral 104 [Poster 503]

Artificial intelligence for detection and longitudinal monitoring of actinic keratosis on clinical photographs

Panagiotis Derekas¹, George Gaitanis², Ioannis Bassukas², Aristidis Likas³, Aggeliki Aggeli⁴, Panagiota Spyridonos¹

¹Department of Medical Physics Faculty of Medicine, Panepistemio Ioanninon, Ioannina, Ipiros Ditiki Makedonia, Greece, ²Department of Skin and Venereal Diseases Faculty of Medicine, Panepistemio Ioanninon, Ioannina, Ipiros Ditiki Makedonia, Greece, ³Faculty of Computer Science and Engineering, Panepistemio Ioanninon, Ioannina, Ipiros Ditiki Makedonia, Greece, ⁴Faculty of Physics, Panepistemio Ioanninon, Ioannina, Ipiros Ditiki Makedonia, Greece

Oral 105 [Poster 534]

Association of Urinary Arsenic Metabolites with Melanoma and Nonmelanoma Skin Cancer: National Health and Nutrition Examination Survey 2003–2020

Vincent Gao¹, Sean Na², Bo Yang³, Tongzhang Zheng³, Abrar Qureshi^{2,3}, Eunyoung Cho^{2,3,4}

¹University of Missouri School of Medicine, Columbia, Missouri, United States, ²Dermatology, Brown University Warren Alpert Medical School, Providence, Rhode Island, United States, ³Epidemiology, Brown University, Providence, Rhode Island, United States, ⁴Channing Division of Network Medicine, Brigham and Women's Hospital Department of Medicine, Boston, Massachusetts, United States

Oral 106 [Poster 533]

Early phase reduction of CCR6+CCR5+ CD8 effector memory T cells implies better response to baricitinib in severe alopecia areata

Ryo Takahashi¹, Reina Hayakawa², Manabu Ohyama^{1,2}

¹Flow Cytometry Core Facility, Kyorin Daigaku Igakubu Daigakuin Igaku Kenkyuka, Mitaka, Tokyo, Japan, ²Department of Dermatology, Kyorin Daigaku, Mitaka, Tokyo, Japan

Oral 107 [Poster 537]

JAK inhibitors as a novel treatment option in palmoplantar pustulosis: results from a single-centre feasibility trial (JAKPPPOT)

David Gleeson^{1,2}, Suzie Cro³, Sarah Chapman¹, John Gregory², Neville Qin², Andrew Pink^{1,2}, Richard Woolf², Jonathan Barker^{1,2}, Satveer Mahil^{1,2}, Catherine Smith^{1,2}

¹King's College London, London, England, United Kingdom, ²Guy's and St Thomas' NHS Foundation Trust, London, England, United Kingdom, ³Imperial College London, London, England, United Kingdom

Oral 108 [Poster 535]

Reduced Cord Blood Regulatory B10 Cells in Newborns Later Developing Atopic Dermatitis: Results from The Munich Atopy Prediction Study

Sarah Preis^{1,3}, Susanne Kaesler¹, Martin Köberle¹, Miriam Hils¹, Beatrix Evers¹, Bettina Kuschel², Yacine Amar¹, Alexander Zink¹, Tilo Biedermann¹, Zsuzsanna Kurgis¹

¹Department of Dermatology and Allergology, Technical University of Munich, München, Germany, ²Department of Gynaecology, Technische Universität München, München, BY, Germany, ³Institute for Medical Information Processing, Biometry and Epidemiology, Ludwig-Maximilians-Universität München, München, BY, Germany



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Associations between circulating metabolites and psoriasis risk in the UK Biobank and HUNT Study

Alya G. Arham¹, Abhibav Sharma¹, Laurent Thomas¹, Ravi Ramessur², Lavinia Paternoster³, Catherine Smith², Bjørn Olav Åsvold¹, Guro Giskeødegård¹, Ben Brumpton¹, Mari Løset¹

¹Norges teknisk-naturvitenskapelige universitet, Trondheim, Trøndelag, Norway, ²St John's Institute of Dermatology, King's College London, London, England, United Kingdom, ³MRC Integrative Epidemiology Unit, University of Bristol, Bristol, England, United Kingdom

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A Mediterranean dietary pattern is associated with a lower inflammatory proteomic signature linked to psoriatic inflammation

Ravi Ramessur^{1,2}, Andrew Li¹, Manu Shivakumar³, Jakob Woerner³, Álvaro González-Cantero⁴, Dokyoon Kim³, Deirdre Tobias⁵, Joel M. Gelfand¹

¹Dermatology, Penn Medicine Ruth & Raymond Perelman Center for Advanced Medicine, Philadelphia, Pennsylvania, United States, ²St John's Institute of Dermatology, King's College London, London, United Kingdom, ³Biostatistics, Epidemiology & Informatics, University of Pennsylvania, Philadelphia, Pennsylvania, United States, ⁴Dermatology, Hospital Universitario Ramon y Cajal, Madrid, Spain, ⁵Nutrition, Harvard T H Chan School of Public Health, Boston, Massachusetts, United States

Oral 111 [Poster 539]

Genetic evidence that smoking initiation and intensity causally increase hidradenitis suppurativa risk

Anna K. Schober^{1,2}, Elizabeth Corfield¹, Atlas Khan⁶, Sheila McSweeney², Ravi Ramessur⁵, Robyn Wootton⁷, Brian Kirby³, Lynn Petukhova⁴, Sinéad Langan², Lavinia Paternoster¹

¹Medical Research Council Integrative Epidemiology Unit, University of Bristol Population Health Sciences, Bristol, England, United Kingdom, ²Non-communicable disease epidemiology, London School of Hygiene & Tropical Medicine Faculty of Epidemiology and Population Health, London, England, United Kingdom, ³St. Vincent's University Hospital and Charles Institute of Dermatology, University College Dublin, Dublin, Ireland, ⁴The Ronald O. Perelman Department of Dermatology, NYU Langone Health, New York University, New York, United States, ⁵Department of Dermatology and Center for Clinical Sciences in Dermatology, University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania, United States, ⁶Columbia University Department of Medicine, New York, United States, ⁷University of Bristol School of Psychological Science, Bristol, England, United Kingdom