

The 56th annual

Montagna Symposium on the Biology of Skin

Epidermal-T cell Interactions: Clinicopathological and Basic Mechanisms

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Salishan Resort, Gleneden Beach, Oregon

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Richard D. Sontheimer, MD

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Posters

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Recipient factor XIIIa+ melanophages persist longer than all other cutaneous antigen presenting cells, including Langerhans cells, after hematopoietic transplantation in humans

Carl K. Edwards, III, PhD^{1,2*}, Ling-Jia Hu, MD, PhD¹, Li Li, MD, PhD¹, James E. Fitzpatrick, MD¹, Shayla O. Francis, MD¹, Karen R. Jonscher, PhD³, Min Zhu, MD, PhD¹, Mayumi Fujita, MD, PhD¹, Miyatake K. Takashi, MD⁴, Kenneth R. Shroyer, MD, PhD⁴, Tania K. Azam, M.S.², Soo-Hyun Kim, PhD², Charles A. Dinarello, MD², and David A. Norris, MD¹

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The proinflammatory cytokine interleukin-32 is expressed in keratinocytes and dendritic cells obtained from patients with chronic plaque psoriasis

Bart T Endrizzi, Matthew J Deeths, Michelle L Irvin, Lynne P Steiner, Marna E Ericson, Maria K Hordinsky
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Phenotypic analysis of T cells in extensive alopecia areata scalp suggests partial tolerance

Lei Fang and Sam T. Hwang

Dermatology Branch, CCR, NCI, Bethesda, MD

CCR7 regulates B16 murine melanoma cell tumorigenesis in skin

Erin Fitch, Allen Li, Stephen Kurtz, Iliyana Skorcheva, Xiao-Jing Wang, and Andrew Blauvelt

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Inducible expression of TGF β 1 in basal keratinocytes causes psoriasis-like disease in transgenic mice: Role of the IL-23/IL-17 inflammatory pathway

Shayla O. Francis^{1*}, MD; Li Li, MD¹, PhD; Mayumi Fujita, MD, PhD¹, David A. Norris, MD¹, Charles A. Dinarello, MD², and Carl K. Edwards III, PhD^{1,2}

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The T cell targeted molecules Efalizumab and Alefacept do not block T cell mediated activation of macrophages for increased TNF α , IL-1 β , and IL-32 production

Mehran Ghoreishi, Paxton Bach, Jennifer Obst, Jan P Dutz

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Expansion of antigen-specific regulatory T cells with the topical vitamin D analogue calcipotriol

Adam Giangreco (1), Yoshimi Takai (2), Richard Groves (3), and Fiona M. Watt (1)

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Necl2 promotes keratinocyte adhesion and targets cells for autoimmune lymphocyte-mediated killing

Florent Ginhoux¹, Matthew Collin¹, Milena Bogunovic¹, Marylene Leboeuf¹, Michal Abel¹, Jordi Ochando¹, Richard E. Stanley² and Miriam Merad¹

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The origin of langerin⁺ dendritic cells in the skin and lymph nodes of mice in the steady and inflammatory state

Erin Harper, Stephen E. Kurtz, David Purdy, Mihail Iordanov, and Andrew Blauvelt

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IL-23 and Th17 cell cytokines stimulate CCL20 production by keratinocytes: Implications for initiation and maintenance of psoriasis

Karen R. Jonscher, PhD^{1*}, Li Li, MD, PhD², Bjorn Schneidewind, M.S.¹, Ling-Jia Hu, MD, PhD², David A. Norris, MD² and Carl K. Edwards, III, PhD^{2,3}

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Toward the identification of proteins in activated human T cells that drive macrophage activation and proinflammatory cytokine production

Matthew C. Jenison¹, Ming O. Li², Richard A. Flavell², Warren D. Shlomchik², Mark J. Shlomchik², Daniel H. Kaplan¹

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Autocrine/Paracrine TGF β is required for the development of epidermal Langerhans cells

Li Li, MD, PhD^{1*}, Ewen Callaway, M.S.¹, Ling-Jia Hu, MD, PhD¹, Charles A. Dinarello, MD², Mayumi Fujita, MD, PhD¹, Jean-Michel Dayer, MD³, David A. Norris, MD¹, and Carl K. Edwards, III, PhD^{1,2}

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Novel human T cell cytokine inducing surface molecules (TCISMs), including CD40 ligand, augments T cell driven macrophage activation to produce proinflammatory cytokines

Anke S. Lonsdorf¹, Victor Huang¹, Lei Fang¹, Emily Cha¹, Hong Zhang¹, Keisuke Nagao¹, Marzanna Zaleska², Waldemar L. Olszewski², and Sam T. Hwang¹

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Accumulation of epidermis-derived CCL27 in skin-draining lymph nodes following topical application of a contact sensitizer induces accumulation of CCR10-positive cells

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EGFR activation regulates the expression of GM-CSF in keratinocytes

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Langerin expressing APC are heterogeneous and play a non-redundant role in skin immune responses only under defined conditions

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Smad3 signaling initiated by keratinocytes and T cell infiltration contribute to TGF β 1-mediated psoriasis-like disease

JA Wolfram^{1,2}, A Lowther¹, GN Adams^{1,2}, X Chen¹, D Diaconu¹, AM Broome³, D Askew¹, AC Gilliam¹, TS McCormick¹ and NL Ward¹

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Keratinocyte specific overexpression of the angiopoietin receptor Tie2 leads to development of a psoriasiform phenotype