

Inflammatory Diseases of Sebaceous Glands

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More information

Research Interests

Biogerontology - Dermato-Pharmacology & Dermato-Endocrinology / Molecular Cell Biology and Biotechnology of the Skin / Physiology and Pathophysiology of the Sebaceous Gland / Skin Stem Cells / Acne - Rosacea & Adamantiades-Behçet's Disease & Malignant Atrophic Papulosis & Hidradenitis suppurativa - Keloids / Androgens, Antiandrogens & Neuropeptides & Retinoids& Cryosurgery.

Selected Publications

Zouboulis CC, Seltmann H, Neitzel H, Orfanos CE (1999) Establishment and characterization of an immortalized human sebaceous gland cell line (SZ95). *J Invest Dermatol* 113:1011-1020

Zouboulis CC, Seltmann H, Hiroi N, Chen W, Young M, Oeff M, Scherbaum WA, Orfanos CE, McCann SM, Bornstein SR (2002) Corticotropin releasing hormone: an autocrine hormone that promotes lipogenesis in human sebocytes. *Proc Natl Acad Sci USA* 99:7148-7153

Niemann C, Uden AB, Lyle S, Zouboulis CC, Toftgård R, Watt FM (2003) Indian hedgehog and b-catenin signaling: Role in the sebaceous lineage of normal and neoplastic mammalian epidermis. *Proc Natl Acad Sci USA* 100(suppl 1):11873-11880

Alestas T, Ganceviciene R, Fimmel S, Müller-Decker K, Zouboulis CC (2006) Enzymes involved in the biosynthesis of leukotriene B4 and prostaglandin E2 are active in sebaceous glands. *J Mol Med* 84:75-87

Makrantonaki E, Adjaye J, Herwig R, Brink TC, Groth D, Hultschig C, Lehrach H, Zouboulis CC (2006) Age-specific hormonal decline is accompanied by transcriptional changes in human sebocytes in vitro. *Aging Cell* 5:331-344

Takeda H, Lyle S, Lazar AJF, Zouboulis CC, Smyth I, Watt FM (2006) Human sebaceous tumours harbour inactivating mutations in LEF1. *Nat Med* 12:395-397

Kalaycıyan A, Orawa H, Fimmel S, Perschel FH, González J-B, Fitzner RG, Orfanos CE, Zouboulis CC (2007) Nicotine and biochanin A, but not cigarette smoke, induce anti-inflammatory effects on keratinocytes and endothelial cells in patients with Behçet's disease. *J Invest Dermatol* 127:81-89

Dobrosi N, Tóth BI, Nagy G, Dózsa A, Géczy T, Nagy L, Seltmann H, Zouboulis CC, Kunos G, Paus R, Bíró T (2008) Endocannabinoids enhance lipid synthesis in human sebocytes via cannabinoid receptor-2-mediated signaling. *FASEB J* 22:3685-3695

Krause L, Altenburg A, Pleyer U, Köhler A-K, Zouboulis CC, Foerster MH (2008) Longterm visual prognosis of patients with ocular Adamantiades-Behçet's disease treated with Interferon-alfa-2a. *J Rheumatol* 35:896-903

Lo Celso C, Berta MA, Braun KM, Frye M, Lyle S, Zouboulis CC, Watt FM (2008) Characterisation of bipotential epidermal progenitors derived from human sebaceous gland: contrasting roles of c-Myc and β -catenin. *Stem Cells* 26:1241-1252

For a complete listing, visit PubMed.