

Kuehne A §, **Hildebrand J §**, Soehle J, Wenck H, Terstegen L, Gallinat S, Knott A, Winnefeld M, Zamboni N (2016). An integrative metabolomics and transcriptomics study to identify metabolic alterations in aged skin of humans in vivo. *BMC Genomics*, 18(1):169, **§ gleichwertiger Erstautor**

Knott A, Achterberg V, Smuda C, Mielke H, Sperling G, Dunckelmann K, Vogelsang A, Krüger A, Schwengler H, Behtash M, Kristof S, Diekmann H, Eisenberg T, Berroth A, **Hildebrand J**, Siegner R, Winnefeld M, Teuber F, Fey S, Möbius J, Retzer D, Burkhardt T, Lütke J, Blatt T (2015). Topical treatment with coenzyme Q10-containing formulas improves skin's Q10 level and provides antioxidative effects. *Biofactors*, 41(6):383-90

Kuehne A §, Emmert H §, Soehle J, Winnefeld M, Fischer F, Wenck H, Gallinat S, Terstegen L, Lucius R, **Hildebrand J***, Zamboni N* (2015). Acute Activation of Oxidative Pentose Phosphate Pathway as First-Line Response to Oxidative Stress in Human Skin Cells. *Molecular Cell*, 59(3):359-71, **§ gleichwertige Erstautoren, *Corresponding Author**

Hildebrand J, Grundhoff A, Gallinat S, Wenck H, Knott A (2013). MicroRNA Profiling during Human Keratinocyte Differentiation using a Quantitative Real Time PCR Method. *Molecular Dermatology: Methods and Protocols*, 961:193-200

Hildebrand J §, Spoerl F §, Korge S, Gallinat S, Wenck H, Deppert W, Knott A, Blatt T (2012). Cell cycle regulator Cdkn1c (p57/KIP2) shows distinct expression in epidermal differentiation. *European Journal of Dermatology*, 22(5):694-6, **§ gleichwertiger Erstautor**

Hildebrand J, Rütze M, Walz N, Gallinat S, Wenck H, Deppert W, Grundhoff A, Knott A (2011). A Comprehensive Analysis of MicroRNA Expression During Human During Human Keratinocyte Differentiation In Vitro and In Vivo. *J Invest Dermatol*, 131, 20–29
Lebrun AH §, Wunder C §, Hildebrand J §, Churin Y, Zähringer U, Lindner B, Meyer TF, Heinz E, Warnecke D (2006). Cloning of a Cholesterol- α -glucosyltransferase from *Helicobacter pylori*. *J. Biol. Chem.*, 281(38):27765-72