**Melanins and melanogenesis: methods, standards, protocols**  
..., S Briganti, JC García-Borron... - Pigment cell & ..., 2013 - Wiley Online Library

Summary: Despite considerable advances in the past decade, melanin research still suffers from the lack of universally accepted and shared nomenclature, methodologies and structural models. This paper stems from the joint efforts of chemists, biochemists, ...

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**Differential and competitive regulation of human melanocortin 1 receptor signaling by β-arrestin isoforms**  

Summary: The melanocortin 1 receptor (MC1R) is a G protein-coupled receptor (GPCR) crucial for the regulation of melanocyte proliferation and differentiation. MC1R activation by melanocortin hormones triggers the cAMP pathway and stimulates the extracellular signal ...

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**The dioxin receptor has tumor suppressor activity in melanoma growth and metastasis**  
..., XR Bustelo, JC Garcia-Borrón... - ..., 2013 - Oxford Univ Press

Abstract: Melanoma is a highly metastatic and malignant skin cancer having poor rates of patient survival. Since the incidence of melanoma is steadily increasing in the population, finding prognostic and therapeutic targets are crucial tasks in cancer. The dioxin receptor ( ...