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Basic Study

Impact of senescence on the trans-differentiation process of human hepatic progenitor-like cells

Bellanti F *et al.* Senescence and hepatic progenitor-like cells

Francesco Bellanti, Giorgia di Bello, Rosanna Tamborra, Marco Amatruda, Aurelio Lo Buglio, Michał Dobrakowski, Aleksandra Kasperczyk, Sławomir Kasperczyk, Gaetano Serviddio, Gianluigi Vendemiale

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Author: S. Sellamuthu, R. Manikandan, R. Thiaga...

Publish Year: 2011

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May 26, 2021 · Further, NRF2 inhibition drives the **trans-differentiation** of HepaRG cells, a **human** liver-derived cell line that shows phenotypical markers of hepatocyte-like and cholangiocyte-like cells 22.

Author: Francesco Bellanti, Giorgia di Bello, ...

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<https://www.sciencedirect.com/science/article/pii/S2542568417000289>

Sep 01, 2017 · The liver possesses an extraordinary ability to regenerate after injury. Hepatocyte-driven liver regeneration is the default pathway in response to mild-to-moderate acute liver damage. When replication of mature hepatocytes is blocked, facultative **hepatic progenitor cells** (HPCs), also referred to as **oval cells** (OCs) in rodents, are activated.

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Author: Adam Bria, Jorgensen Marda, Junmei Zh...