

ULEi001-A

Differentiation potential – Endoderm

Direct differentiation to hepatocytes-like cells

Yu et al. four stages protocol (Stem Cell Res. 2012).

Antibodies:

- Alpha Fetoprotein Dako A 0008 rabbit polyclonal
- HNF4A Abcam ab92378 rabbit monoclonal
- Albumin R&D Systems mab14-55 mouse monoclonal
- Secondary antibody Thermo Scientific goat anti-rabbit AF 488, goat anti-mouse AF 633

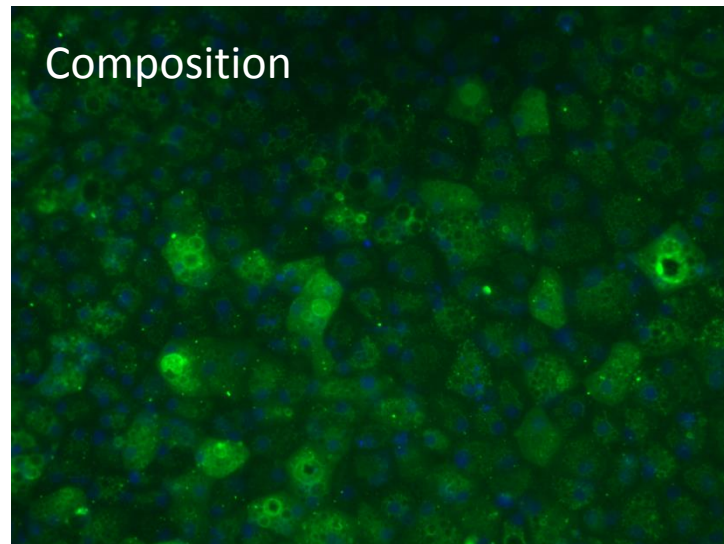
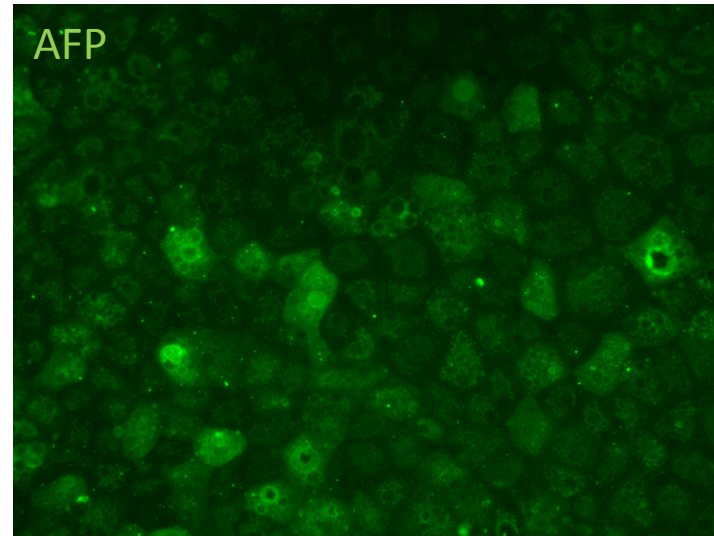
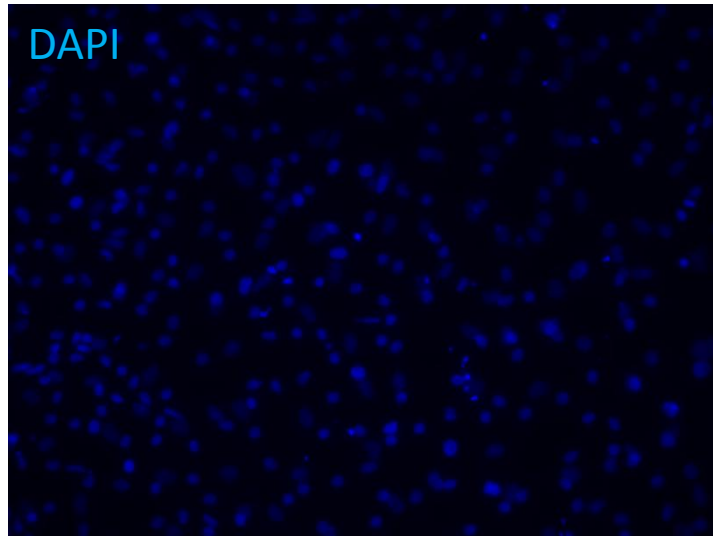
Negative control – Gibco Episomal hiPSC line (A18945 Life Technologies)

Positive control – Direct differentiation of commercial iPS cell line Gibco Episomal hiPSC line (A18945 Life Technologies) to hepatocytes-like cells

Immunochemical stains were performed by MS Aniela Skrzypczyk

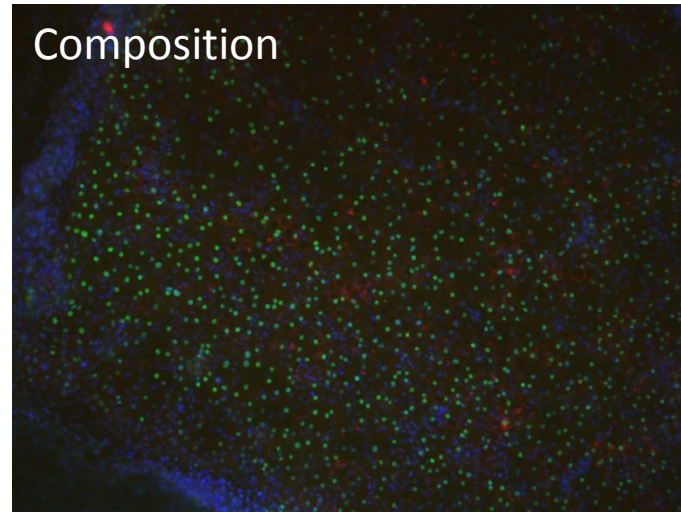
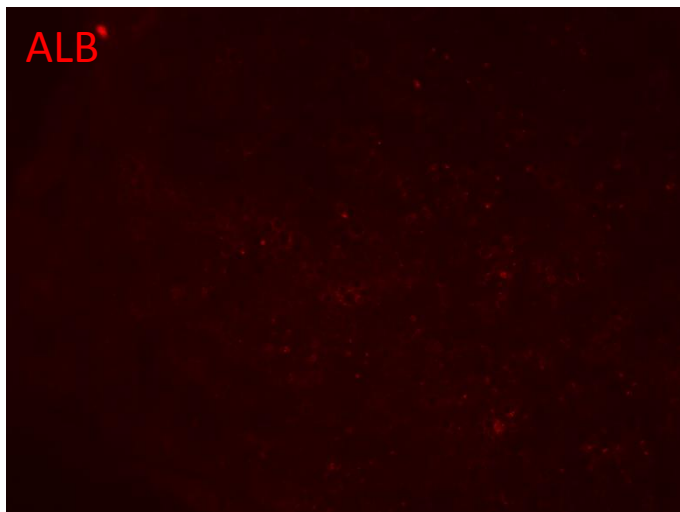
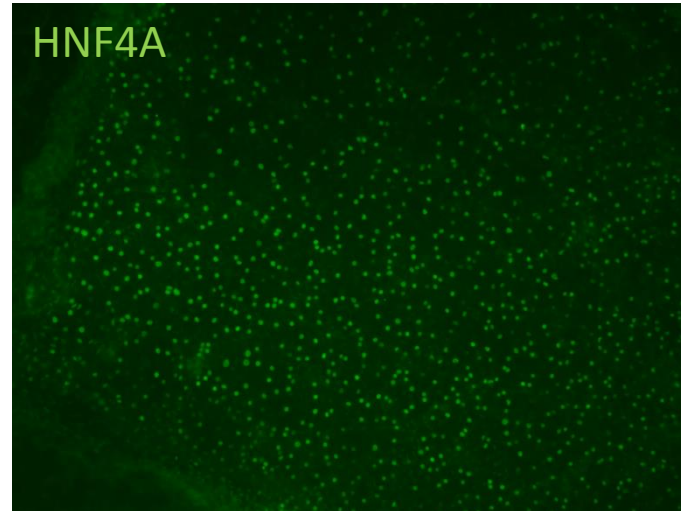
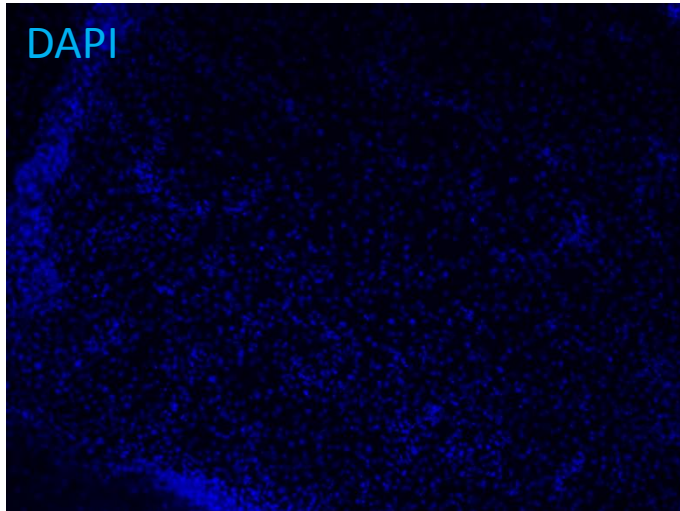
ULEli001-A differentiation

Endoderm –AFP (alfa fetoprotein)



ULEIi001-A differentiation

Endoderm – HNF4A (hepatic nuclear factor 4 α)
and ALB (albumin)



ULEIi001-A differentiation

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