

Abstract

Liver organoid compositions and methods of making and using same

Disclosed are methods of inducing formation of a liver organoid from precursor cells, such as iPSC cells. The disclosed liver organoids may be used for screening for a serious adverse event (SAE), such as liver failure and/or drug induced liver injury (DILI), and/or drug toxicity. The disclosed liver organoids may also be used to treat an individual having liver damage, or for identifying a preferred therapeutic agent.

Figure 1