ISMS-PL01	Sofosbuvir: A Breakthrough Curative Therapy for the Treatment of HCV
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Approximately	180 million individuals worldwide are infected with the hepatitis C virus. This virus will
ultimately lead t	o chronic liver disease, liver cirrhosis and eventually hepatocellular carcinoma. Sofosbuvir is a
nucleotide prodr	ug that targets the HCV RNA dependent RNA polymerase (RdRp), an essential enzyme necessary
for viral replicat	ion. Sofosbuvir ushered in the era of interferon-free therapies for curing HCV and has become
the backbone ag	gent in combination regimens for HCV curative regimens. It has been shown to treat a broad
HCV patient population including difficult to treat patients. Sofosbuvir based regimens have demonstrated cure	
rates in excess of 95% with no observed resistance and a stellar safety profile. Sofosbuvir was approved by the	
US FDA in December 2013 and the EU in January 2014, and since then its use has contributed to the cure of	
many patients su	affering from HCV. This presentation will discuss the discovery and development of sofosbuvir
as a treatment fo	r HCV.