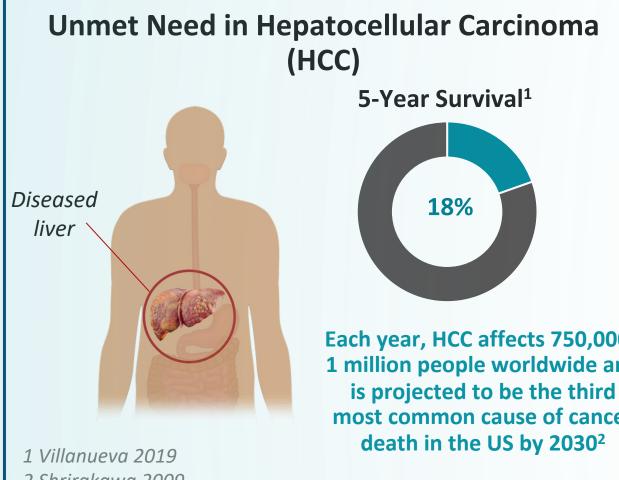


Selection of Lead Development Off-the-shelf CAR NK Candidate, SENTI-301A, for GPC3 Program and Expansion of Regulator Dial Gene Circuits to Tackle Key Challenges In Solid Tumors **SITC Annual Meeting** Senti Biosciences, Inc. South San Francisco, CA 2022, Boston, MA Marcela Guzman Ayala, Michelle Hung, Deepika Kaveri, Rebecca Cottman, Enping Hong, Ronni Ponek, Lawrence Naitmazi, Manan Shah, Wesley Gorman, Abstract #228

hepatocellular carcinoma (HCC) (Zheng 2022).

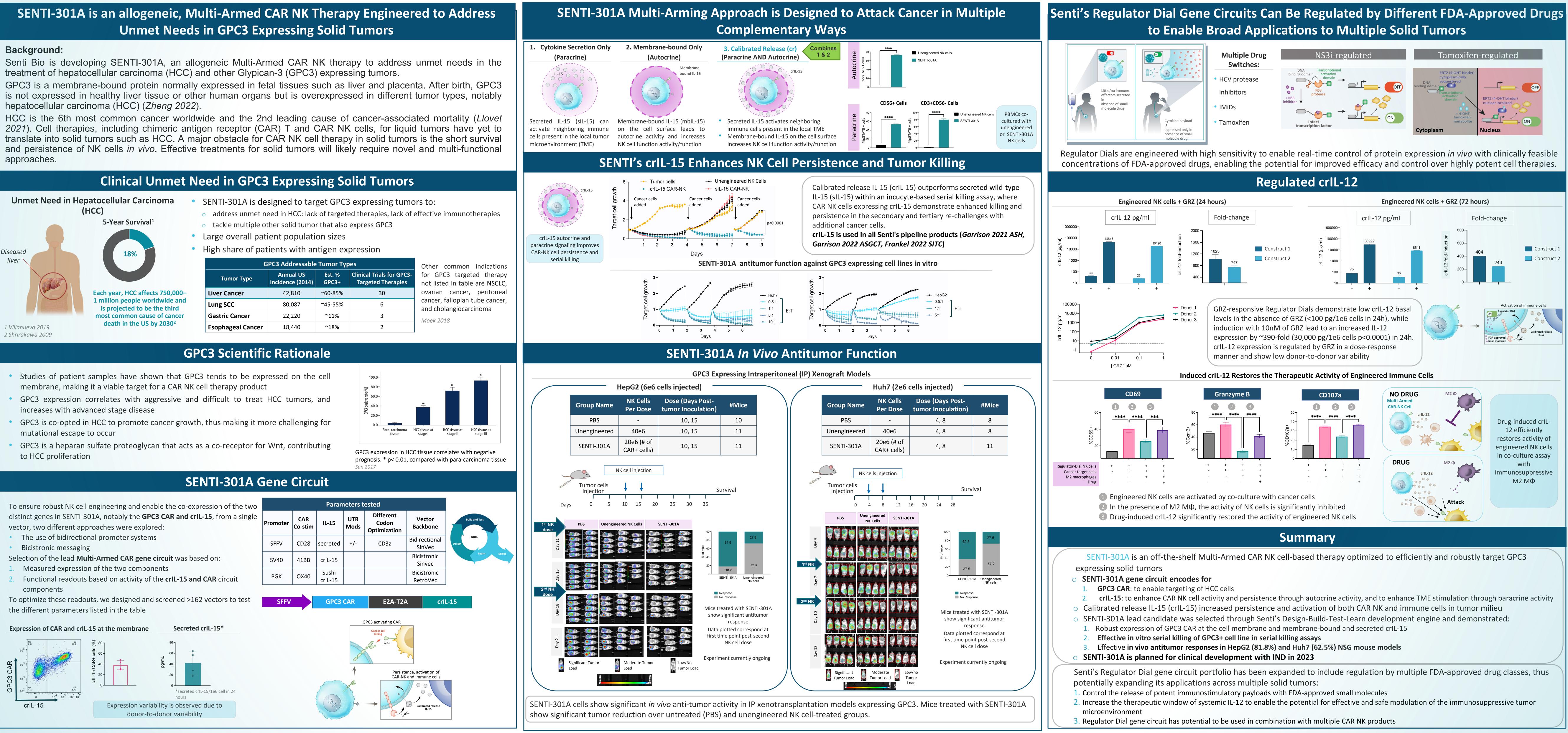
approaches

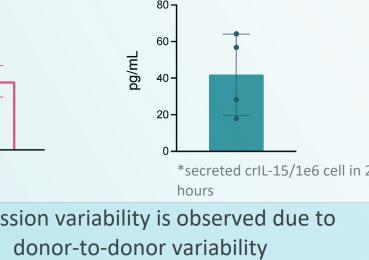


	High	share	of	patients	with	antigen	expression
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GPC3 Addressable Tumor Types					
Tumor Type	Annual US Incidence (2014)	Est. % GPC3+	Clinical Trials Targeted Th		
Liver Cancer	42,810	~60-85%	30		
Lung SCC	80,087	~45-55%	6		
Gastric Cancer	22,220	~11%	3		
Esophageal Cancer	18,440	~18%	2		

- membrane, making it a viable target for a CAR NK cell therapy product
- increases with advanced stage disease
- mutational escape to occur
- GPC3 is a heparan sulfate proteoglycan that acts as a co-receptor for Wnt, contributing to HCC proliferation





- 0.08 - 0.09 - 0.00 - 0.00 - 0.02 - 0.05
0.0
PC3 expr rognosis.

Andrew Banicki, Mengxi Tian, Niran Almudhfar, Kelly Lee, Russell Gordley, Philip Lee, Timothy Lu