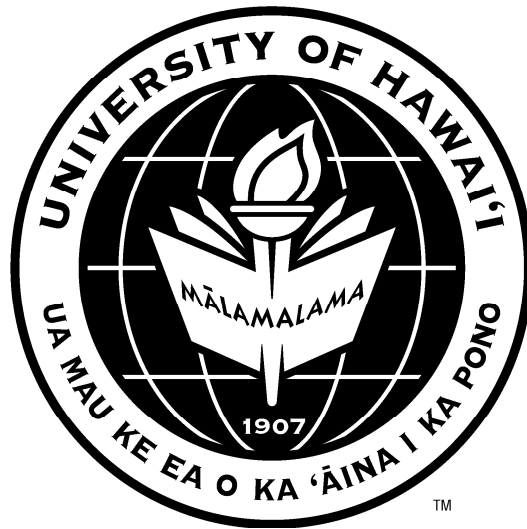


UNIVERSITY OF HAWAI‘I SYSTEM REPORT



REPORT TO THE 2020 LEGISLATURE

Report on High Incidence of Liver and
Bile Duct Cancer in Hawai'i

Act 265, SLH 2019

December 2019

**Report on High Incidence of Liver and Bile Duct Cancer in Hawai'i
Pursuant to Act 265, Session Laws of Hawai'i 2019**

The 2019 Hawai'i State Legislature appropriated funds to the University of Hawai'i Cancer Center (UHCC) to determine the etiologies of the high incidence of liver and bile duct cancer in Hawai'i. The report will contain UHCC's findings, including how the appropriated funds will be spent.

The appropriated funds were not released until late October 2019. Funds were allocated to projects to conform to the guidelines and intent of the legislation, in order to conduct research to determine the etiologies of the high incidence of liver and bile duct cancer in Hawai'i. The projects are as outlined in the table below.

Liver Cancer Legislative Allocation

Year	Title	UHCC Principal Investigators
2019	Liver Fluke and Aflatoxin as an etiology for liver and bile duct cancer	Yu, Jia
2019	Immunotherapy of liver cancer (IIT)	Acoba
2019	Solicited proposals <ol style="list-style-type: none"> 1. Oral microbiome and HCC risk 2. Non-alcoholic steatohepatitis (NASH) and hepatocellular cancer 3. identify signature of exosomal miRs transferred from TAMs to HCC and mechanism of PDL-1 upregulation in HCC by TAM-derived exosomal miRs 4. Pet imaging and liquid biopsy detection of CTNNB1 exon 3 mutations in HCC 	<ol style="list-style-type: none"> 1. Hernandez 2. Kuwada 3. Fabbri 4. Kwee

Research is ongoing and it is too early to report on results from these investigations. An interim report will be made available by January 2020 with results available to that date. A full report outlining all results from this year of funding will be made available by July 2020. In that final report, full accounting for all funds spent will be included.

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 December 2019