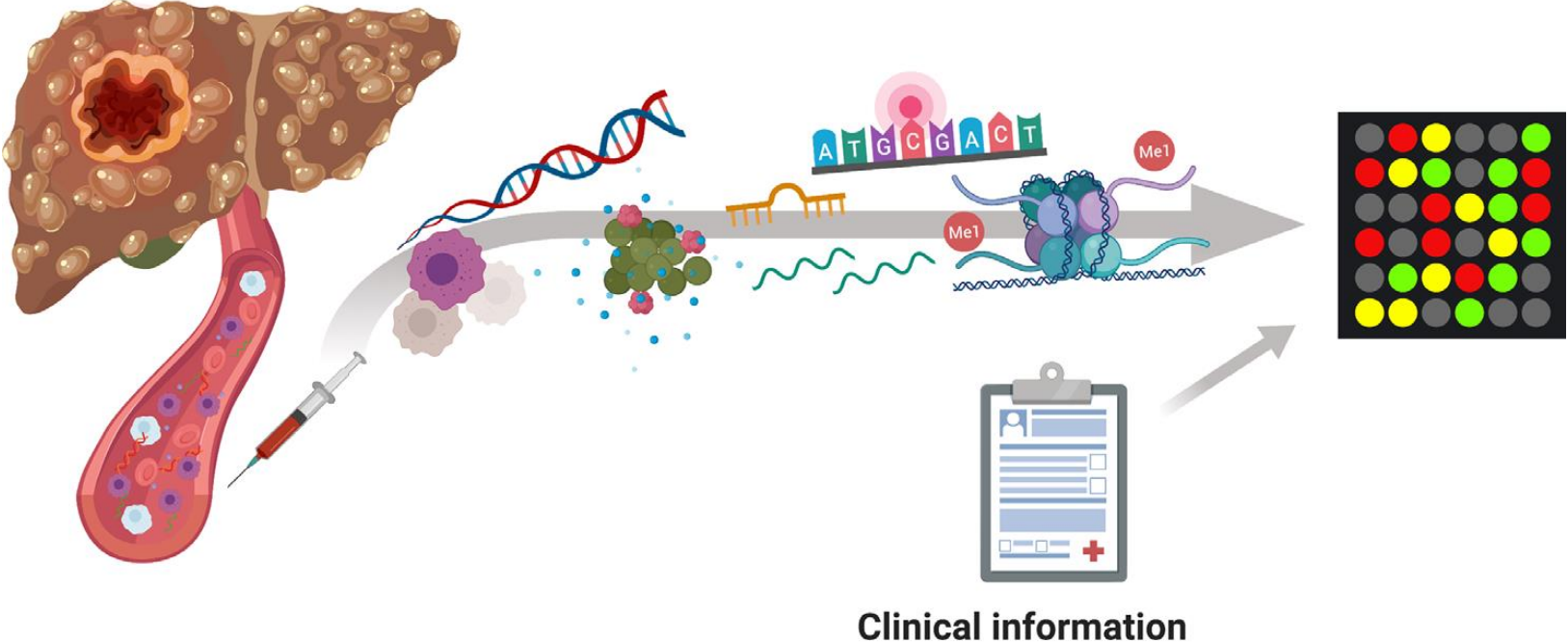







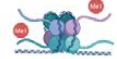


# “Biopsia líquida en el manejo del carcinoma hepatocelular”

Augusto Villanueva  
Institute for Liver Medicine, Mount Sinai, New York

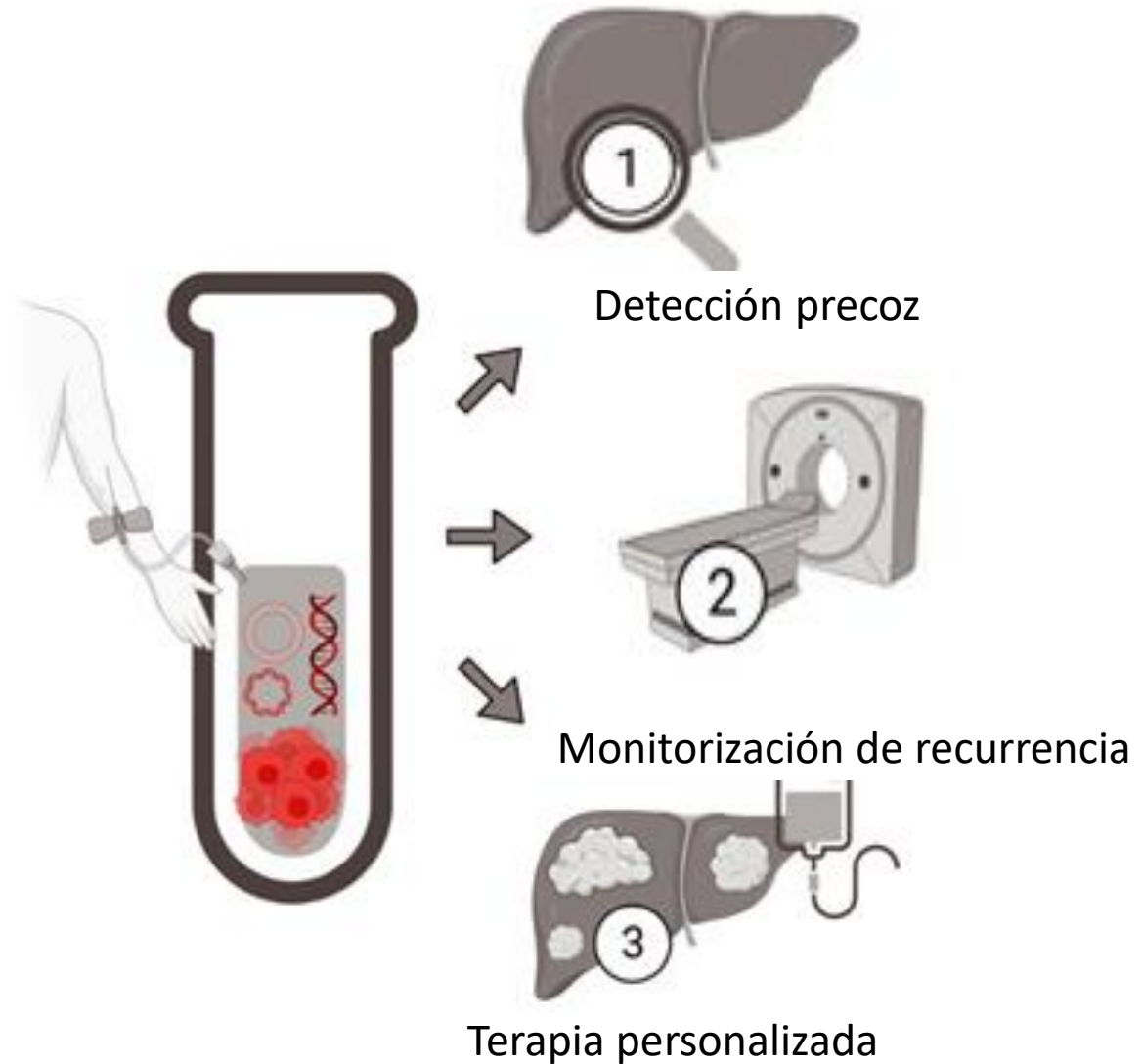
# BIOPSIA LÍQUIDA



**Clinical information**

	Circulating tumor cells		Point mutations
	Extracellular vesicles		Epigenetic modifications
	Cell-free nucleic acids		micro RNA

# Utilidades de la biopsia líquida





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