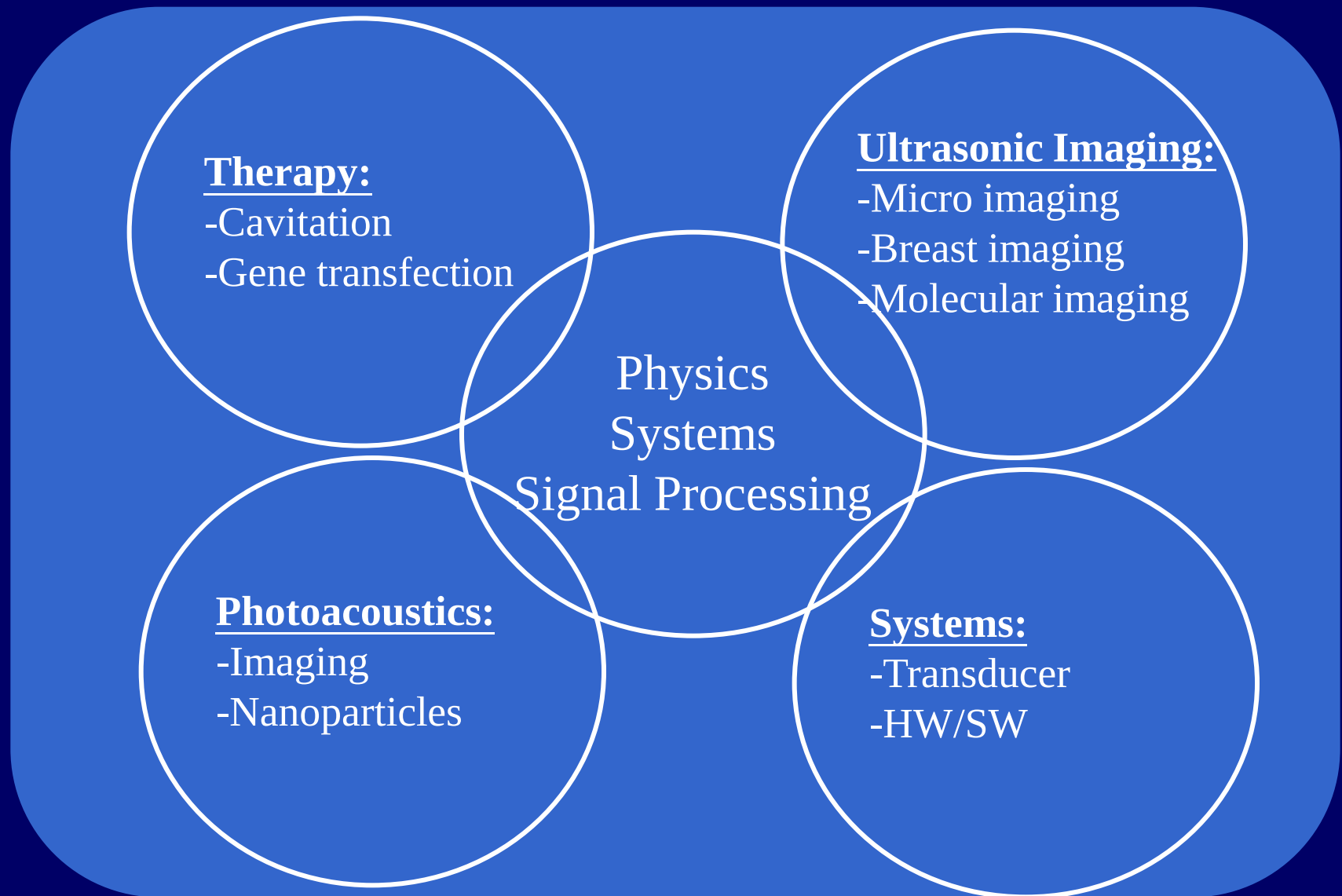


研究介紹

生物醫學超音波影像實驗室

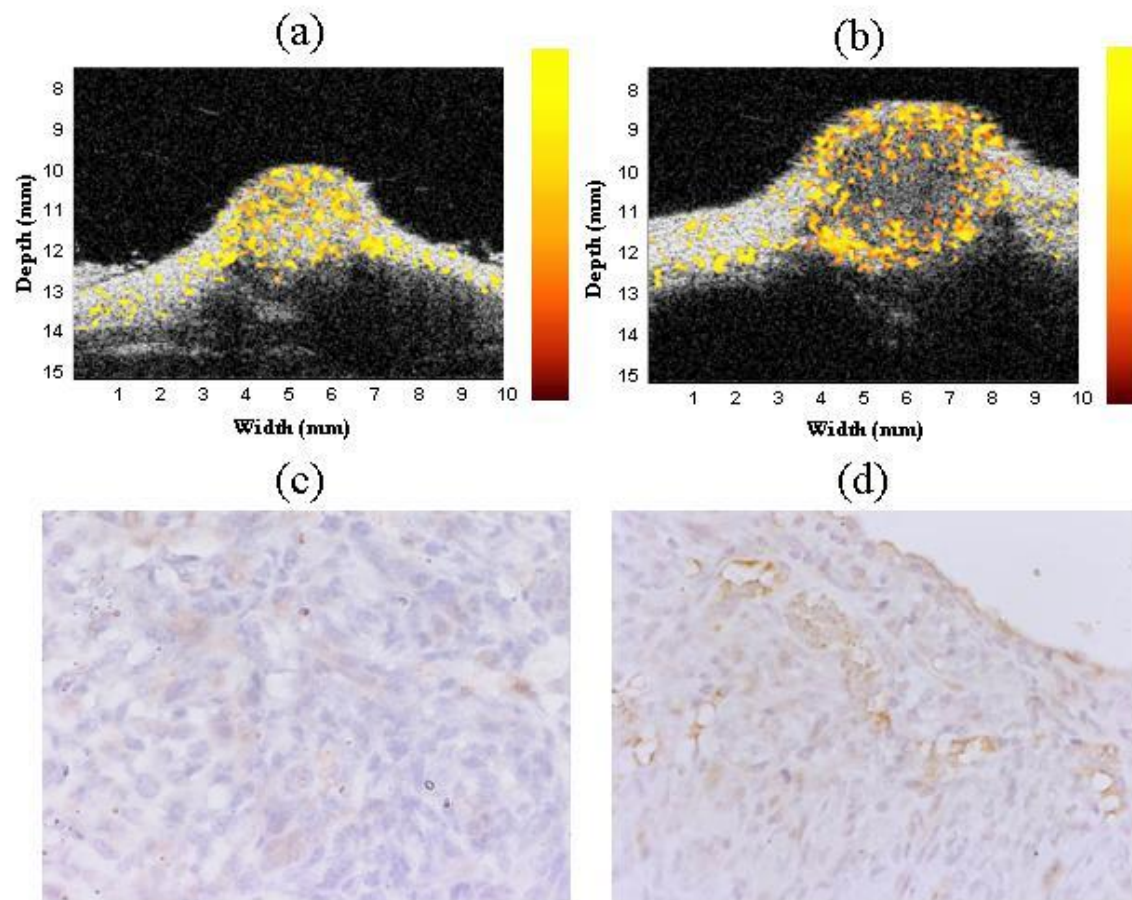
李百祺



合作團隊： 臺大醫學院、生命科學院、基因體中心、奈米中心、國家衛生院、成大、師大、中正、暨南…等單位。

跨領域研究： 電子、物理、醫學、生命科學、化學、奈米材料。

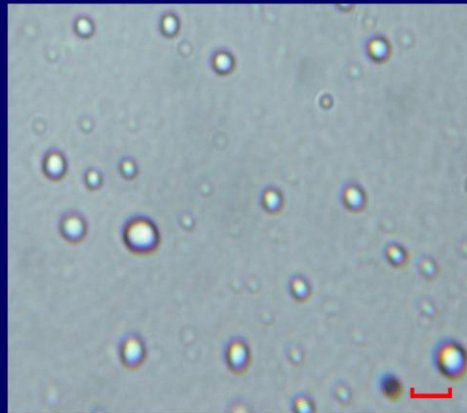
Mouse Tumor Micro-Imaging



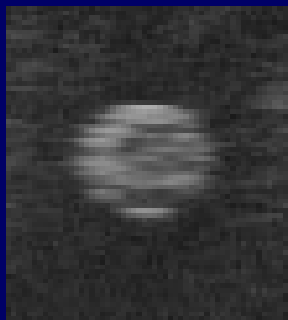
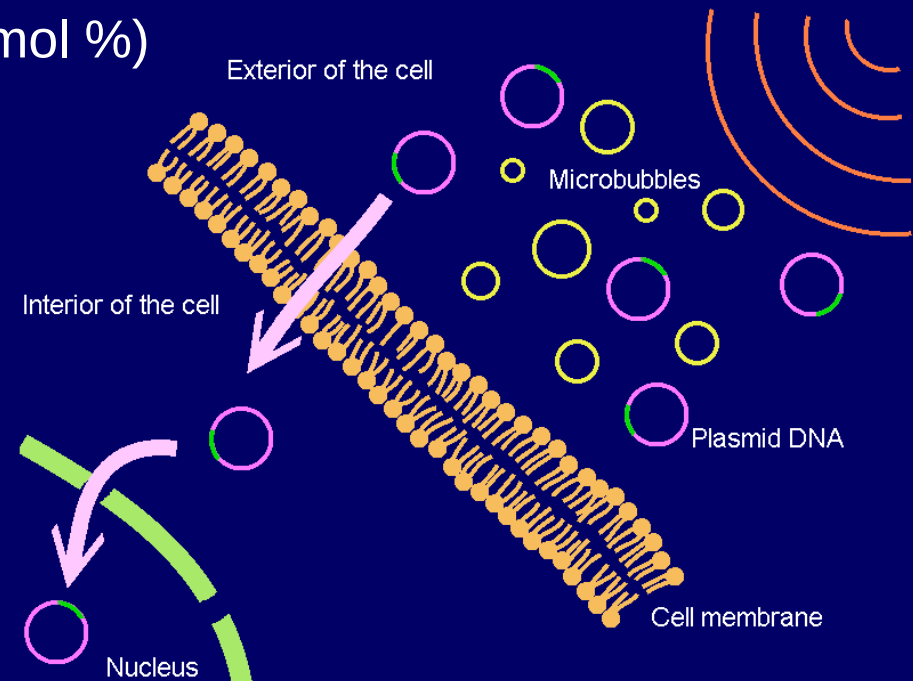
Cover of IEEE Trans. on UFFC, Jan. 2004

Liposome Microbubbles

- PC : PE : PG : CH = 69 : 8 : 8 : 15 (mol %)



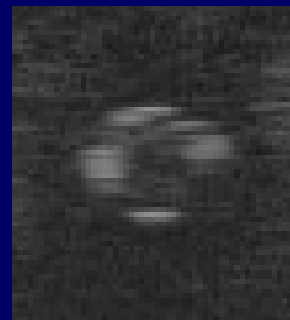
bar = 5 μ m



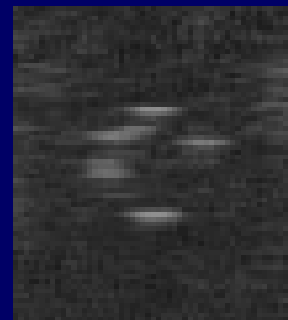
0.5 sec



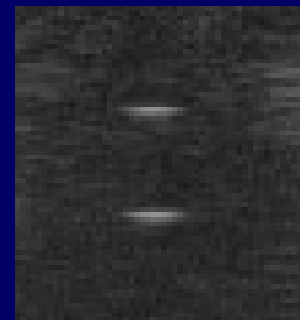
0.5 – 1 sec



1 sec



2 sec

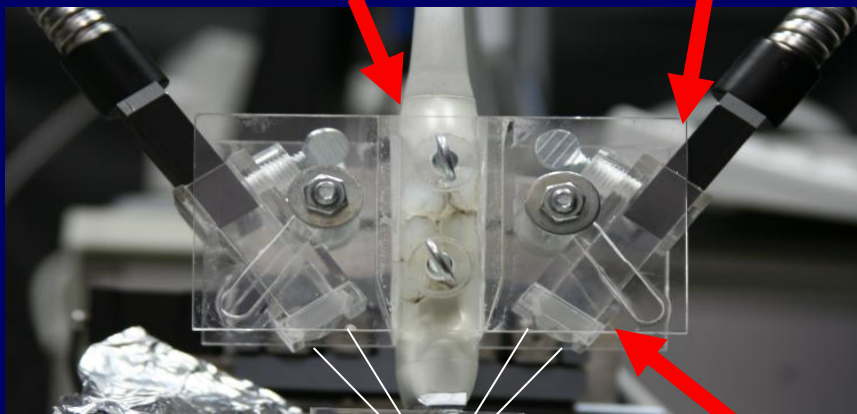


3 sec

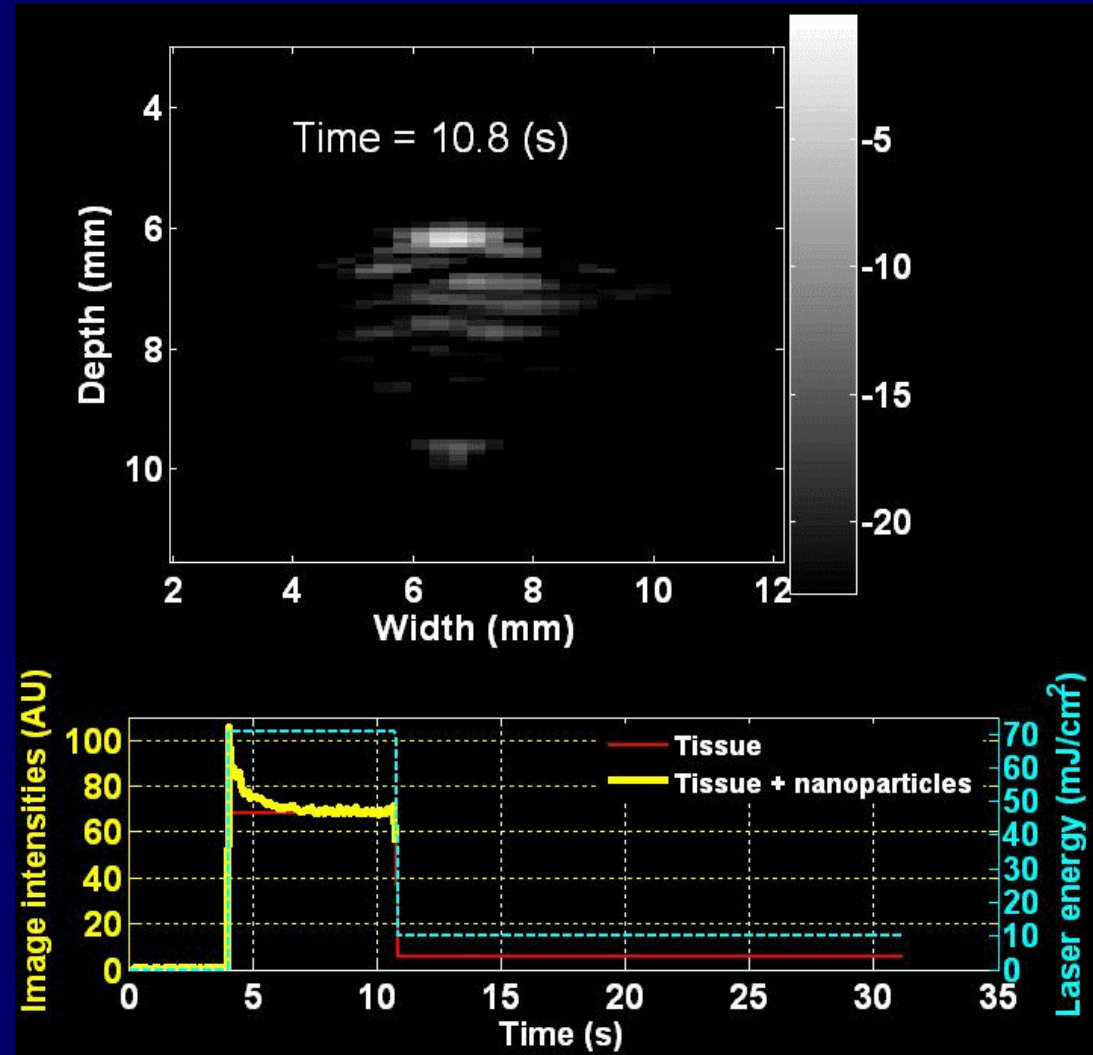
Photoacoustic Quantitative Flow Measurements

ultrasonic
transducer

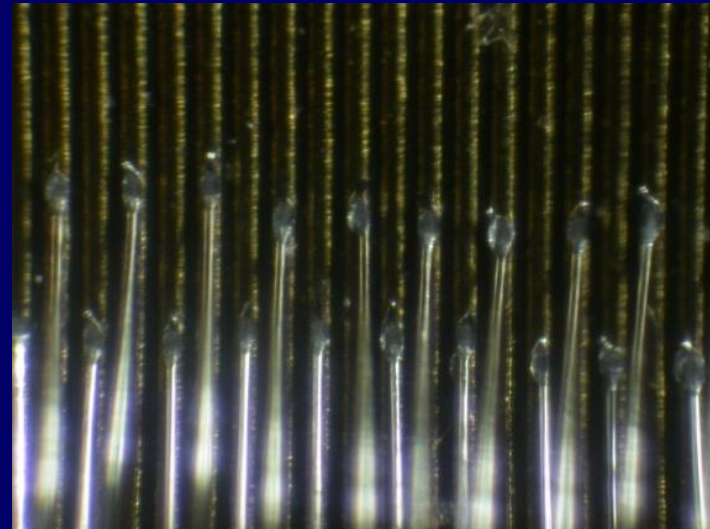
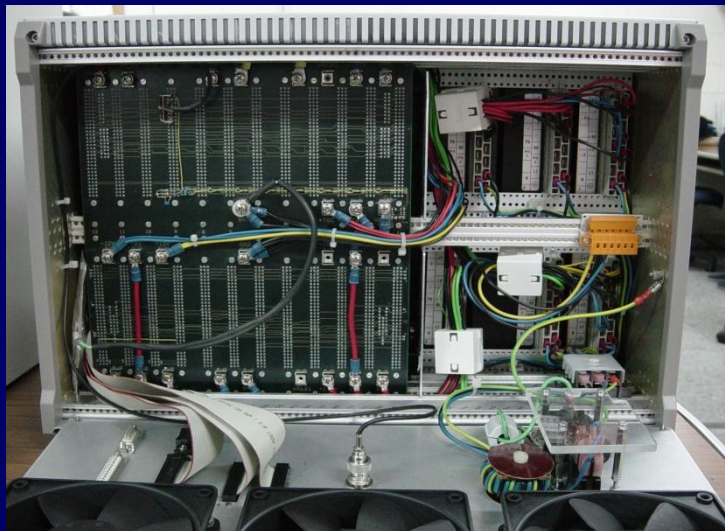
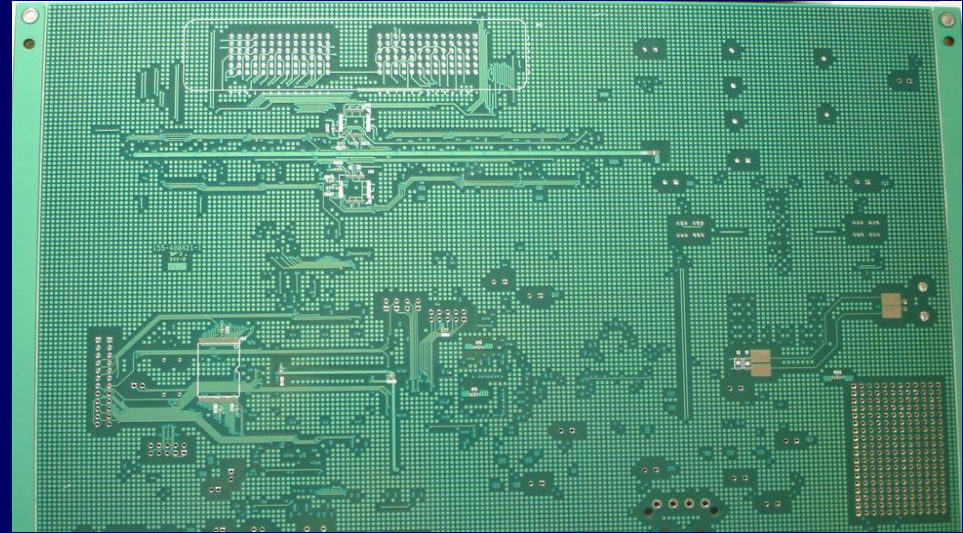
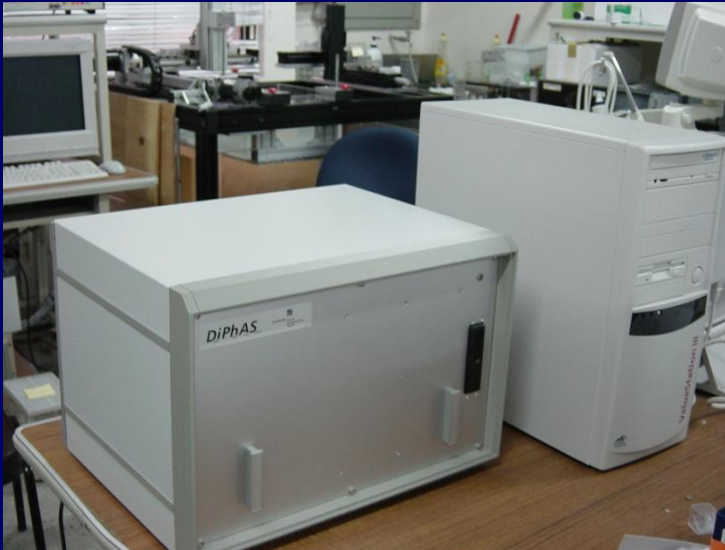
Lightguide



Cylindrical
lens



System Development



聯絡方式

- 博理館425室
- 02-33663551
- paichi@ntu.edu.tw
- <http://ultrasound.ee.ntu.edu.tw>
- 生物醫學超音波影像實驗室