

EXPRESSIONS OF INTEREST

Hepato-Pancreato-Biliary (HPB) PhD Research Program (Liver and Pancreas)

The HPB Unit at Royal North Shore Hospital, Sydney is offering two full-time positions for enrolment in the Doctor of Philosophy (Medicine) program at the University of Sydney commencing in 2018.

Candidates should be accredited as an RACS trainee SET 3 or above (up to and including new Fellows in the first two years following completion of their fellowship). They should demonstrate interest in research and an ability to work independently. Financial support is available for the first year with ample opportunities for additional income from surgical assisting. Candidates will be expected to apply for competitive grants and scholarships thereafter.

The Northern HPB Unit of the University of Sydney is made up of three consultants and has a full-time data manager. The unit has a strong academic track record including securing over \$421k in research funding over the last five years; supervision of two PhD candidates, three Masters of Surgery candidates & five MD research projects; and publication of 52 papers in peer reviewed journals. There are also large prospectively maintained liver and pancreatic clinico-pathological research databases. The unit has close affiliations with the Cancer Surgery and Metabolism Research Group and the Bill Walsh Cancer Research Foundation.

Research program opportunities include (but are not limited to):

Liver:

- Investigating tumour-stroma interactions in colorectal liver metastases
- Investigating tumour-stroma interactions in HCC and/or cholangiocarcinoma
- Prognostic biomarkers in liver malignancies
- Pre-clinical modelling of liver malignancies
- Quality of life after resection of malignant liver tumours
- Impact of biological agents on outcome following resection of colorectal liver metastases

Pancreas:

- Prognostic biomarkers in pancreatic cancer – IHC, proteomics, metabolomics
- Role of pancreatitis in adverse outcomes following pancreatic surgery
- Neo-adjuvant chemotherapy in resectable pancreatic cancer
- Nutrition and quality of life in pancreatic cancer
- Immune therapy in pancreatic cancer

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Health
Northern Sydney
Local Health District

