

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

Royal North Shore Hospital (University of Sydney)

The HPB Unit at Royal North Shore Hospital, Sydney is offering a full-time position in the field of liver surgery/liver cancer for enrolment in the Doctor of Philosophy (Medicine) program at the University of Sydney commencing in 2018.

The ideal candidate 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. Candidates do not necessarily have to have had experience in research but should demonstrate an interest and an ability to work independently. The successful applicant will be financially supported for the first year of the program, with ample opportunities for additional income from surgical assisting. The candidate will be expected to apply for competitive grants and scholarships going forward.

The Northern HPB Unit of the University of Sydney is a busy clinical unit which is fortunate to have a full-time data manager. There is 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 and five MD research projects; as well as publication of 52 papers in peer reviewed journals. The unit benefits from a large prospectively maintained liver clinico-pathological research database. For basic science research, the Unit has strong affiliations with the Cancer Surgery and Metabolism Research Group as well as the Bill Walsh Cancer Research Foundation, both located on campus in the Kolling Institute. There are also numerous opportunities for multidisciplinary collaborations via regular research group meetings.

Research program opportunities related to Liver (but are not limited to):

- 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

Contact and relevant links:

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<http://sydney.edu.au/courses/Doctor-of-Philosophy-Medicine>

<http://sydney.edu.au/medicine/northern/>

<http://www.kollinginstitute.org.au>

<http://sydney.edu.au/medicine/people/academics/profiles/tom.hugh.php>

