About the Workshop:
The Biomedicine Discovery Institute (BDI) Cancer Program contains 4 research themes including Cancer Cell Signalling, Tumour Microenvironment, Cancer Epigenetics and Transcription, and Therapeutic Development.

This workshop will focus on the Cancer Epigenetics and Transcription Theme which explores the complex interplay between these processes in cancer development and progression and will feature short presentations from a number of researchers working in this area.

Schedule:

2.00-2.10pm Introduction and Overview
   Professor Roger Daly, Head, Department of Biochemistry and Molecular Biology, Head, Monash BDI Cancer Program

2.10-2.50pm “A new link between transcriptional initiation and pre-mRNA splicing: the RNA binding histone variant H2A.B”
   Professor David Tremethick, Head, Department of Genome Science, Australian National University

2.50-3.15pm “An investigation into the functional consequence of alternative polyadenylation in breast cancer metastasis”
   Dr Traude Beilharz, Department of Biochemistry and Molecular Biology

3.15-3.40pm “The role of promoter DNA topology in actively transcribing genes”
   Dr Hans Elmlund, Department of Biochemistry and Molecular Biology

3.40-4.05pm “Targeting an intracellular signalling pathway with peptides - insights and challenges”
   A/Professor Jackie Wilce, Department of Biochemistry and Molecular Biology

4.10-4.30pm - Tea and Coffee break

4.30-4.55pm “RNA-mediated regulation of the Polycomb Repressive Complex 2 (PRC2): potential new target for anti-cancer therapeutics”
   Dr Chen Davidovich, Department of Biochemistry and Molecular Biology

4.55-5.20pm “Role of histone H3.3 in tumorigenesis”
   Dr Lee Wong, Department of Biochemistry and Molecular Biology

5.20-5.30 – Discussion/Concluding remarks

5.30-6pm – Refreshments