

LIST OF POSTERS - FINAL

W = Wed. 11.50-12.50, T = Thurs. 13.15-14.15, F= Fri. 12.20 -13.20

POS21-W

Discovering the influence of an enriched environment on neuronal epigenome ageing as a potential strategy for treating age-related diseases

Bao Ngoc Tran

POS22-W

Discovering new epigenetic players in diffuse intrinsic pontine glioma oncogenesis

Yolanda Colino-Sanguino

POS23-W

Acquired RAD51C promoter methylation loss causes PARP inhibitor resistance in high grade serous ovarian carcinoma

Ksenija Nesic

POS24-W

A novel non-coding RNA regulates the integrin, ITGA2, in breast cancer

Tristan Joseph Verhoeff

POS25-W

Epigenetic reactivation of LC3B induces melanoma cell death and predict response to checkpoint inhibitor blockade

Greg Kelly

POS26-W

Smoking methylation marks for prediction of urothelial cancer risk

Chenglong Yu

POS27-W

Sex specific regulation of miRNAs in skeletal muscle

Danielle Hiam

POS28-W

The Epigenetic Overlap between Obesity and Mood Disorders: A Systematic Review

Mojgan Gharipour

POS29-W

Inhibition of Histone deacetylases (HDAC) 1 and 2 in microglia improves remyelination in diet-induced obesity

Vini Tiwari

POS30-T

The Influence of Sex on DNA Methylation in Human Skeletal Muscle

Shanie Landen

POS31-T

DNA methylation differences between three types of skeletal muscle fibre at rest and in response to exercise

Andrew Palmer

POS32-T

VTRNA2-1: genetic variation, heritable methylation and disease association

Pierre-Antoine Dugué

POS33-T

Targeting the H3K27me3 repressive mark to CpG islands by polycomblike proteins: a molecular mechanism

Brady M Owen

POS34-T

A transcription-independent function for the chromatin remodeller BRG1 in DNA replication

Katherine A. Giles

POS35-T

Regulation of Set1C Histone methyl transferase

Qambar Hasan

POS36-T

A predictive model for commonly-repressed polycomb-target genes dissects DNA sequence from gene expression

Emma Gail

POS37-T

DNA methylation editing using CRISPR-SAM system: Application to cancer susceptibility

Mahnaz Hosseinpour

POS38-T

Enhancer-Promoter Interactome Drives Neuronal Cell Differentiation And Contextualizes Alzheimer's Associated Polymorphisms

Cory C. Padilla

POS39-T

Enzymatic Methyl-seq: Next Generation Methylomes

Selva Kumari Ramasubramanian

POS40-T

Massively parallel simultaneous profiling of the transcriptomic and epigenomic landscape at single cell resolution

Mynn Tan

POS41-T

Epigenetic heterogeneity in response to hypomethylating agents in Acute Myeloid Leukemia

Danielle R. Bond

POS42-T

Targeting transposable elements for analysis of DNA methylation in single cells

Kooper Hunt

POS43-T

Single-cell landscape of tissue-resident memory T cell development

Raissa Fonseca

POS44-F

Identifying non-genetic determinants of malignant clonal fitness at single cell resolution

Dane Vassiliadis

POS44-F

Defining early AML methylation changes for risk prediction

Adriana Fonseca

POS46-F

sRNAs as mediators of parent-of-origin effects in the honey bee *Apis mellifera*

Owen Watson

POS47-F

Using DNA methylation patterns to predict disease severity in multiple sclerosis.

Campagna P

POS48-F

Comprehensive analysis of the DNA methylation landscape of localised prostate cancer reveals novel prognostic biomarkers of survival

Ruth Pidsley

POS49-F

DNA methylation reveals associations of response and survival with Taxane/FEC neoadjuvant chemotherapy in triple-negative breast cancer

Braydon Meyer

POS50-F

Assessing the Clinical Utility of DNA Methylation Profiling

Joel Geoghegan

POS51-F

Developing Circulating tumour cells as a model for tumour metastasis and identification of tumour-specific epigenetic signatures in colorectal cancer

Sai Shyam

POS52-F

MethPanel: a parallel pipeline and interactive analysis tool for multiplex bisulphite PCR sequencing to assess DNA methylation biomarker panels for disease detection

Phuc-Loi Luu

POS53-F

DNA methylation of IGSF4 as an epigenetic modifier in CD26/IVS1-5 HbE/ β -thalassaemia patients

Muhammad Farid Johan

POS54-F

Low levels of hepatocyte methylation-specific cell-free DNA are a strong negative predictor for acute cellular rejection following liver transplantation.

Daniel R.A. Cox

POS55-F

Early detection of lung cancer and identification of potential molecular targets for novel therapies via genetic and epigenetic screening

Ratajska M

POS56-F

Peripheral monitoring of neurodegeneration using Glia and Neuron cell-free DNA

Chatterton. Zac

POS57-F

Blood based DNA methylation biomarkers of dementia

PD Fransquet

POS58-F

DNA methylation profiling of SOCS3 and INPP5D in BCR-ABL-negative MPN

Yuh Cai Chia

POS59-F

Temperature and genetic driven female sex differentiation pathways in Pogona are associated with DNA hypo-methylation in embryonic gonads

Susan Wagner

POS60-F

Uncovering Robust DNA Methylation Markers for Skeletal Muscle Biological Ageing

Kirsten Seale