

The following capabilities are available at the David H. Murdock Research Institute.
For more information about a specific study, please contact us.

T: 704 250 2600

Inquiries@dhmri.org

www.dhmri.org

	ILLUMINA HISEQ	ROCHE 454 FLX	ILLUMINA ISCAN	SEQUENOM MASSARRAY	NANOSTRING NCOUNTER	TAQMAN RT-PCR
<u>GENOMIC ANALYSIS</u>						
WHOLE GENOME SEQUENCING	◆	◆				
RNA SEQUENCING	◆	◆				
EXOME SEQUENCING	◆					
GENE EXPRESSION	◆		◆	◆	◆	◆
GENOTYPING	◆	◆	◆	◆		
METHYLATION	◆		◆			◆
SNP DETECTION	◆		◆			◆
CNV ANALYSIS	◆		◆	◆	◆	◆

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	NMR: 400 MHZ, 600 MHZ 700 MHZ, 950 MHZ	UPLC- SYNAPT MS	UPLC- SYNAPT HDMS	UPLC- QUATTRO PREMIER MS	ACQUITY UPLC	AGILENT 7890 GC/MS	SOLID PHASE EXTRACTION UNIT	LECO PEGASUS GCXGC TOF MS	ICP- MS
<u>METABOLOMIC ANALYSIS</u>									
METABOLIC PROFILING	◆	◆	◆			◆		◆	
BIOMARKER DISCOVERY		◆	◆					◆	
STRUCTURAL ELUCIDATION	◆		◆						
TARGETED METABOLIC PROFILING	◆			◆		◆		◆	
QUANTITATIVE ANALYSIS	◆			◆		◆			
METABOLITE SEPARATION					◆				
VOLATILE METABOLITE PROFILING							◆	◆	
TRACE METAL PROFILING									◆
FLUXOMICS	◆								

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	NMR: 400 MHZ, 600 MHZ 700 MHZ, 950 MHZ	WATERS SYNAPT	THERMO LTQ ORBI	ABI QTRAP	ABI 4800 TOF/TOF
<u>PROTEOMIC ANALYSIS</u>					
PROTEIN PROFILING		◆	◆		
BIOMARKER DISCOVERY		◆	◆		
PROTEIN IDENTIFICATION		◆	◆		◆
BIOMARKER VALIDATION & VERIFICATION				◆	
POST-TRANSLATIONAL MODIFICATION			◆	◆	
PROTEIN BINDING	◆		◆		
PROTEIN STRUCTURE DETERMINATION	◆				
POLYMER CHARACTERIZATION	◆		◆		◆