

NORTH WEST COAST GENOMICS HEALTHCARE ALLIANCE

An Introduction to Fetal Genomics

For Clinicians referring and consenting Women with High Risk Pregnancies
ORGANISED BY LHP

16th June 2017 13.00 – 17.00

Liverpool Science Park, 131 Mount Pleasant, Liverpool L3 5TF.

Aims

- To understand the place of pre-natal microarray testing in the context of previous chromosome testing technologies
- To understand the clinical benefits and limitations of microarray technology
- To understand how microarray results are interpreted
- To understand the importance of taking appropriate informed consent
- To understand the potential impact of microarray testing for the pregnant women and her partner in helping them make decisions about their pregnancy
- To understand the role of genetics in helping to interpret results to the family
- To understand basic concepts of non-invasive technology and potential future developments

Outcomes

- Ability to consent a patient in various pre-natal settings
- Understand the impact on patients and family members and associated ethical issues
- Understand and appreciate the limitations including dealing with unclassified variants
- Understanding and ability to explain to patients the pathway of pre-natal testing from front line in fetal medicine units to specialist counselling in clinical genetics

Who should attend

Paediatricians, neonatologists, obstetricians, fetal medicine specialists and midwives, geneticists and trainee, community midwives, and GPs. Anyone involve in pre-birth screening.

12.30-13.00	Registration & Refreshments	
13:00	Welcome & introductions	Dr. Lynn Greenhalgh
13:05	Genetics - The basics <i>An introduction to chromosomes, genes and DNA.</i>	Claire Miller
13:30	How does postnatal array differ from fetal array? <i>What are the implications of the results?</i>	Katy Jones

14:00	Non-invasive pre-natal technology <i>Current and future technologies.</i>	Surabhi Nanda
14:30	Counselling and Consent Issues <i>What to include in obtaining informed consent from a patient for an array</i> <i>How to discuss:</i> <ul style="list-style-type: none"> • <i>What a consent form looks like</i> • <i>Variants of unknown significance</i> • <i>The possible need for parental testing</i> • <i>Incidental findings</i> 	Claire Miller
15:00	Refreshments	
15:20	Practical issues of consenting in fetal medicine	Jane Evans
15:45	Small group working practicing taking consent and dealing with types different results <i>Case studies:</i> <ul style="list-style-type: none"> - <i>Prenatal micro-array</i> - <i>Non-invasive pre-natal techniques</i> - <i>Ethical issues of pre-natal diagnosis</i> - <i>Recruitment to 100,000 Genome Project</i> 	All speakers
16:40	Questions and Finish	

The day is accredited with the RCP for 2.5 CPD points/hours (this will appear on your Attendance Certificate issued).

How to Apply?

If you are a member of one of the LHP Partner Organisations the delegate cost is £20 for the half day. If coming from external to the partnership the cost is £40.

You can register and pay online at: <https://sales.webticketmanager.com/default.aspx?companyid=1091>

If you have any queries regarding this or are from an NHS organization that need an invoice to be raised please email joanne.king15@nhs.net

Parking and travel:

Please see attached document with full details and map. The parking is *VERY* limited and we would always recommend public transport for this venue.

University of Liverpool Mount Pleasant Visitor's Car Park,
134 Mt Pleasant, Liverpool L3 5TF .

Mount Pleasant Multi-Story Car Park
38 Mount Pleasant , Liverpool, L3 5TB.

Metropolitan Cathedral Car Park,
Cathedral House, Mount Pleasant, Liverpool L3 5TQ.