

NORTH WEST COAST GENOMICS HEALTHCARE ALLIANCE

An Introduction to Chromosome analysis by Microarray techniques

For Clinicians requesting microarray analysis of chromosomes in individuals with learning difficulties or multiple congenital anomalies.

ORGANISED BY LHP

Wednesday 3rd May 2017 13.00 – 16.30

Institute in the Park Alder Hey Hospital Liverpool L14 5AB

Aims

- To understand the place of 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 different microarray results
- To understand the potential impact of microarray testing for other members of the family

Outcomes

Attendees will be able to confidently consent a patient for microarray testing and understand the impact of such testing on the patient and family members. They will also gain an understanding of the referral pathway for patients depending on the different results of the testing.

Who should attend

Paediatricians, neonatologists, psychiatrists, CAHMS team, community child health workers, those working with adults with learning difficulties

Agenda

13.00-13.30	Registration	
13.30	Welcome & introductions	Dr Lynn Greenhalgh Consultant Geneticist Liverpool Women's Hospital
13.40	Introduction to Array technology <i>What is array technology?</i> <i>What it can detect and what it cannot detect.</i> <i>How are the results reported?</i>	Una Maye, Deputy Head of Cytogenetic department Liverpool Women's Hospital

	<i>What does a array report look like</i>	
14.20	Clinical Case Studies <i>How array technology has helped in several clinical cases</i>	Una Maye, Deputy Head of Cytogenetic department Liverpool Women's Hospital
14.50	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> 	Pam Harris, Registered Genetic Counsellor Liverpool Women's Hospital Claire Miller, Genetic Counsellor Liverpool Women's Hospital
15.20	Coffee	
15.40	Small group working practicing taking consent and dealing with types different results.	Dr Lynn Greenhalgh, Claire Miller, Pam Harris Una Maye, Dr E McCann
16.30	Questions and Finish	

The day is accredited with the RCS 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&eventid=13108>

There are some HENW assisted places for health professionals working in the North West. If you have any queries regarding this or are from an NHS organisation 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

<http://www.alderhey.nhs.uk/your-visit/getting-to-alder-hey/>