

A thick black L-shaped frame is positioned on the left and right sides of the page, framing the central text. The left side consists of a vertical bar extending from the top to the bottom, and a horizontal bar extending from the top of the vertical bar to the right. The right side consists of a vertical bar extending from the top to the bottom, and a horizontal bar extending from the bottom of the vertical bar to the left.

# STP ROTATIONS - YEAR ONE

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# The Problem We Are Facing...

- Genomics is a compulsory specialty for a high number of Life Sciences STP Training Programs
- Reconfiguration is moving us towards fewer centres and deduplication may mean that certain labs don't actually offer everything that needs to be covered as part of the rotation
- High workloads and low staff numbers reduce the capacity for training individuals from outside our specialty
- Signing off lengthy competencies adds to the training burden

# A New Approach to Rotations

- Currently trainees join the laboratory for 10-12 weeks to cover the core aspects of Genomics
  - *Once their rotation has finished, trainees leave and don't come back!*
- Movement towards a 'workshop style' approach to rotations could cut down on hours spent training and hours spent marking work
- Resources are being compiled to provide:
  - *Training logbooks for trainees*
  - *Presentations for labs to deliver*
  - *Case scenarios for trainees to work through to cover their competencies*

# Modular Approach

- Introduction to Genomics
  - *Includes Quality and Health and Safety*
  - *The role of Genomics in Healthcare*
  - *Reconfiguration...???*
- Karyotyping
  - *Principals, referral patterns, theory and case scenarios*
- Microarrays
  - *Principals, referral patterns, theory and case scenarios*
- Molecular Genetics
  - *Brief overview, referral patterns and case scenarios for some core diseases*

# What will the resources be?

- Trainee Logbook
  - *This will contain everything the trainee will cover in a single workbook*
  - *Brief notes for the trainees to expand upon and keep as reference material*
  - *Case scenarios to complete during the workshops*
- Presentations
  - *More detailed information than is covered in the logbook*
  - *Follows the same style and layout as logbooks to make it easy for centres to deliver and trainees to follow*

# What will the workshops look like?

- A full week of lectures and sessions to work through case scenarios
- Each 'module' can be covered over a day by different staff members, keeping the 'hands on' training time to a minimum for individuals
- Results for case scenarios can be provided at the end of each session – saves time marking lengthy competencies
- Trainees can work together to support each other

# Signing off Competencies

- Trainees can be required to sign in each day and will be issued a certificate of attendance
  - *Trainees can upload their certificate to OneFile as evidence of all competencies*
  - *Completed Case Scenarios can be checked over to ensure that they were successfully completed*
- Case Based Discussion
  - *Group style approach overseen by lab staff*
  - *Group presentations could be delivered at the end of the week*
- DOPs
  - *Trainees could upload a single report and assign to a named person to sign off on OneFile*
  - *These could then be spread around lab staff meaning no great workload on any one individual*

# Other things to consider

- Laboratory Tour
  - *Break up into smaller groups to show trainees the laboratory*
- Introduction to MDT approach
  - *Overview of MDT employed in dept – eg Prenatal Arrays or 100,000 Genomes Project cases*
- Introduction to Clinics
  - *Could include a session from Clinician/Counsellor*



# Where are we up to and what do we need?

- Compiling resources
  - *Writing logbooks and presentations*
  - *We don't want to reinvent the wheel – if any resources are out there already that you would be willing to share – please do!*
- Approval from the National School
  - *They have accepted the principal and understand the need for change*
- Any suggestions or ideas!
  - *If you can see any problems/issues we haven't yet, please share*

# Don't forget!!!

- These resources aren't just for STPs – they could provide excellent introductions for any new/rotating staff within the department