

Industry-DEC collaborations

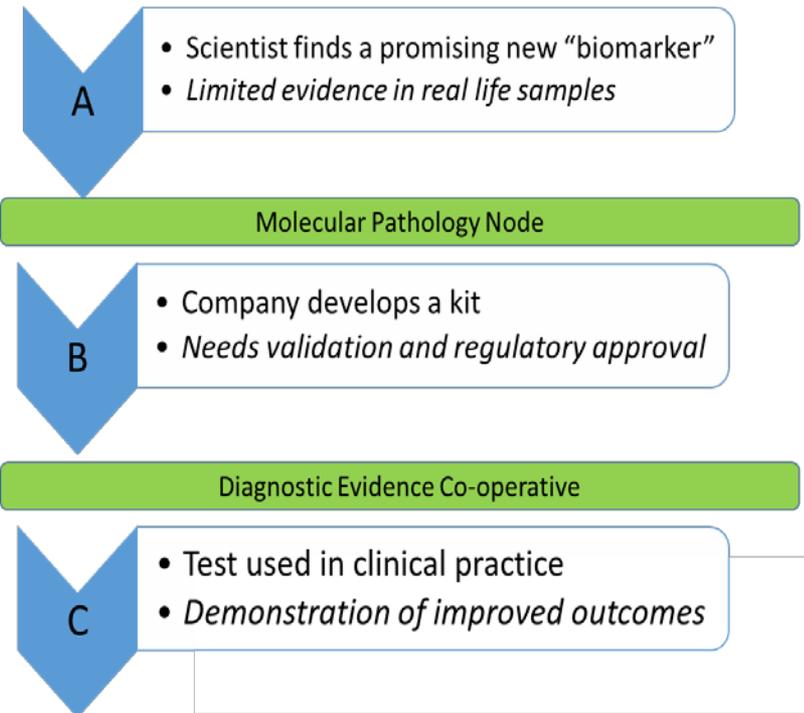
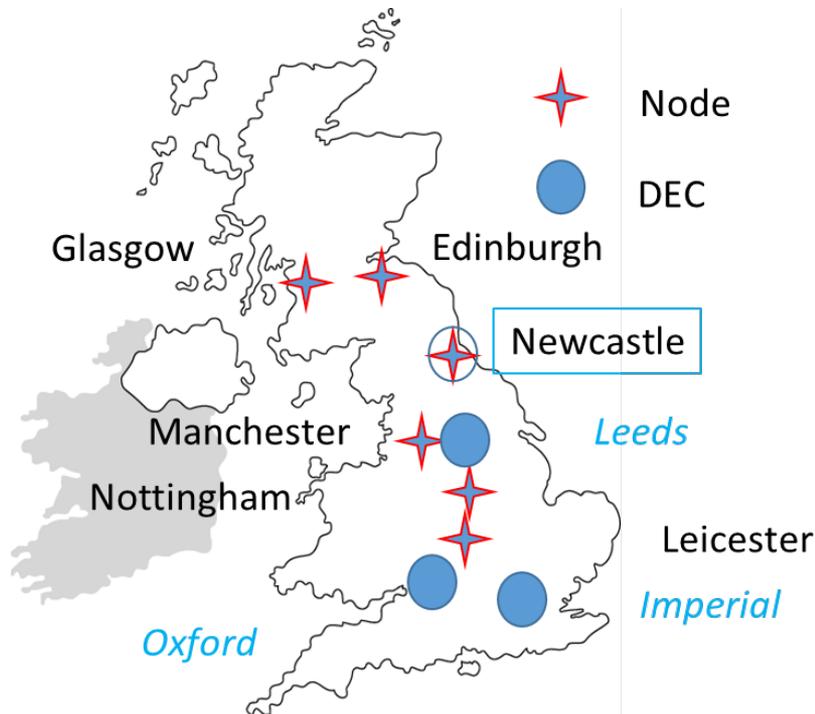
Sara Graziadio

Diagnostic Evidence Co-operative Newcastle

Newcastle: a diagnostic research hub



NIHR Biomedical Research Centre
 NIHR Biomedical Research Unit
 MRC Single cell Genomics Unit
 NIHR Clinical Trials Unit
 MRC Molecular Pathology Node etc.



Case study: Mologic

- Support in the application for SBRI award
- Participation to the SBRI interview
- Links and connection with AHSN-NENC
- Protocol:
 1. care pathway analysis,
 2. early economic model,
 3. PPI through British Lung Foundation,
 4. investigation of potential barriers to adoption
- Trust sponsorship and R&D approval obtained
- On track: 5 interviews done until now



Challenges

SBRI: quick calls!!



Developing high quality proposals,
accurate estimation of workload in
short timescales

Creative and innovative project designs!

SBRI: quick projects!!



Ethical, legal and financial
requirement obtained in time

Increasing the efficiency of our internal workflow



What worked well

Company engaged with us early
in their development pathway



Early identification of the
value propositions



Support with research
questions, and planning
of their research



What worked well

Successful interaction with NHS
and CCGs facilitated by AHSN



Clinician perspective



Care pathway analysis



Identification of potential barriers to adoption



Realistic plan for adoption



Decision maker,
commissioner perspective





What worked well

We established successful collaboration with the AHSN and the charity British Lung Foundation



Patient perspective



Impact on product
design and usability



Realistic plan for adoption



What worked well

Successful collaborations in the University:
methodologists, statisticians, qualitative
researchers and health economists



Promotion of inter-
disciplinary research



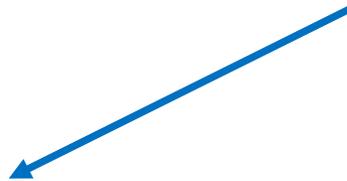
Better service for the
company, and the NHS



Development of
new methodologies



Academic
advancement



Newcastle DEC

Methodologists



Joy Allen



Louise
Johnston

Sara
Graziadio

Director

John
Simpson



Deputy Director

Michael
Power



STP Clinical Bioinformatics (Sept 2016)



Rachel O'Leary

Project manager



Ray Waters
ray.waters@ncl.ac.uk

Industry liaison



Finn Willingham
finn.willingham@nuth.nhs.uk