

# UK NEQAS Developments

Yvonne John

UK NEQAS General Haematology Service Manager

# Introduction of Staff: Oct 2017 to Sept 2018

- ❖ Service Manager Yvonne John
- ❖ Morphology Lead Jon Sims
- ❖ **Haemoglobinopathy Lead** **Duljeet Chohan**
- ❖ **Senior EQA Scientist** **Julia Mahesan** and Vatsala Soni
- ❖ EQA Scientists Nikki Emodi and Zeno Abid
- ❖ AP support staff Gulala Karim and Paula Dynes
- ❖ Lab assistant James Hindell

# Previous plans for improving our services

- ❖ Implementation of our new mixing and dispensing system
- ❖ Review and report of the 2017 participants questionnaire
- ❖ Modernisation/ streamlining our goods in, goods out process
- ❖ POCT WBC/DIFF scheme for 2018

# What's New for 2019?

# Introduction of New Staff: From Sept 2018 to Date

❖ Senior EQA Scientist

Sheetal  
Karunanandarajah

❖ EQA Scientist

Joana  
Louerio

❖ AP support staff

Alexandra  
Makin



- ❖ Barbara Wild who was instrumental in developing the Haemoglobinopathy Scheme
- ❖ Vatsala Soni, Senior EQA Scientist
- ❖ Julia Mahesan, Senior EQA Scientist

# Introduction of New Staff: From Sept 2018 to Date

- ❖ Senior EQA Scientist      Joana Louerio
- ❖ EQA Scientist              Rachel Godden

# Glandular Fever Pilot Scheme



The lead scientist is Joana Louerio



# Glandular Fever Pilot Scheme

## Pre-Pilot Phase:

Tested 6 EBV positive samples on a variety of kits both in-house and via our general advisory committee

# Glandular Fever Pilot Scheme

## Pilot Phase:

- ❖ April 2019 – 2 pre-pilot exercises
- ❖ Infectious Mononucleosis Screening (MN)
- ❖ Participants can registrar for MN from February 2020

# Glandular Fever Scheme

## Future Developments:

- ❖ Programme is open internationally
- ❖ Frequency of distributions to be established with participants
- ❖ Cumulative performance scoring is in development
- ❖ Inclusion in our scope of accreditation is planned for 2020 (ISO 17043)

# HAEMOCUE WBC/DIFF PILOT



The lead scientist is Nikki Emodi

# HAEMOCUE WBC/DIFF PILOT

## Pre-Pilot Phase:

- ❖ Validated the potential of the EQA material;  
50 patient samples analysed on a DxH800 analyser and on our Hemocue WBC and WBC/DIFF machines

# HAEMOCUE WBC/DIFF PILOT Scheme

- ❖ Radiometer are assisting with finding users of the Hemocue WBC/ DIFF machine
- ❖ Working on the preparation the material to send out to these participants
- ❖ The Hemocue pilot will be set up on-line
- ❖ Results will be returned and reports issued electronically

# PK PILOT Scheme

This is a high level specialist international scheme which will be operated in the same way as the DN diagnostics scheme

We are working in collaboration with the Euroblood Net organisation as they are keen to develop an EQA scheme

Euroblood Net is a network set up to co-ordinate the testing and diagnosis and support of patients with rare haematological disorders (which has an oncological and non-oncological arm)

# PK PILOT Scheme



The lead scientists are Barbara De la Salle  
and Duljeet Chohan



# PK PILOT Scheme

- ❖ We have sourced all reagents and set up test in-house
- ❖ Have undertaken 2 pilot exercises
- ❖ The third pilot is planned for Jan/Feb 2020

# PK PILOT Scheme

Euroblood Net

<https://www.eurobloodnet.eu/>

PKDeep

<https://www.eurobloodnet.eu/radeep/pkdeep>

# MORPHOLOGY

- ❖ Analytical performance scoring for the Parasitology identification scheme
  - to capture participants who misdiagnose *P.falciparum* and *P knowlesi*

# MORPHOLOGY

- ❖ Implementing scoring for our RD scheme
- ❖ Implementing graphical representation of data on the manual differential reports
- ❖ Implementing the BF analytical scoring

# summary

Progressing plans set  
from 2017/ 2018

- ❖ Moving into the full IM pilot for the 2019/20 distribution schedule
- ❖ Starting our new WBC/DIFF pilot in the next few months

