**Draft - Interview Schedule – Pathologists and Geneticists**

**(Phrases in brackets and bold represent prompts for the interviewer)**

Thank you for agreeing to be interviewed.

I am a PhD student based in MCHE at The University of Manchester. I am funded by the Wellcome Trust

I want to ask you some questions to explore your experience with using stratified medicines to treat NSCLC.

The interview should take no longer than one hour and will be recorded. Firstly could you confirm that you have received and returned the consent form for this interview? Do you have any questions before we start?

**General**

How would you define precision medicine in the context of NSCLC?

Given this definition, could you list all of the stratifying tests for NSCLC which you are aware of?

**Probe: are you aware of any new stratified medicines currently being trialled**

Which of these have you used in clinical practice? (**link to questions below**)

**Experience of *EGFR* mutation testing and treatment**

1. Were you working in this or a similar role when *EGFR* mutation testing was introduced into the NHS **(~2010)**?

2. Could you tell me about your memory of what happened when *EGFR* mutation testing was first introduced and subsequent events?

Can you remember when you first conducted an *EGFR* mutation test treatment?

* **(Were you aware of *EGFR* testing before treatments for the mutation were approved? How did you hear of them?) (For example clinical trials, conferences etc)**
* **(How did you hear of them if you were not aware of these interventions before approval?)**
* **(Could you offer these tests immediately after approval? What proportion of patients could receive these treatments?)**
* **(What factors prevented you from offering testing to all patients?) (Probe but do not lead with previously identified barriers from literature)**
* **(Were there any factors which affected the quality of the tests which were conducted?)**
* **(Which were the biggest constraints to offering and using *EGFR* based testing?)**

3. Do you currently conduct *EGFR* mutation testing?

4. Are you aware of any guidelines regarding *EGFR* mutation testing in the NHS? (**i.e. national, regional hospital guidelines)**

5. In your experience, do all patients who are currently eligible to receive *EGFR* mutation testing have access to these interventions?

* **(What factors prevent you from offering testing to all patients?) (probe but do not lead with previously identified barriers from literature)**
* **(Which are the biggest remaining constraints to offering and using *EGFR* based testing**

6. Are you aware of any strategies to increase the number of patients receiving *EGFR* mutation targeting treatments?

7. Are there any strategies which you believe could be implemented to further increase the number of patients receiving *EGFR* targeting treatments in the future?

**Experience of *ALK* mutation testing and treatment**

1. Were you working in this or a similar role when *ALK* targeting interventions were introduced into the NHS **(~2010)**?

2. Could you tell me about your memory of what happened when *ALK* mutation testing was first introduced and subsequent events?

Can you remember when you first conducted *ALK* mutation testing? (**see prompts for *EGFR***)

3. Do you currently conduct *ALK* mutation testing?

4. Are you aware of any guidelines regarding *ALK* mutation testing in the NHS? (**i.e. national, regional hospital guidelines)**

5. In your experience, do all patients who are currently eligible to receive *ALK* mutation testing and treatment have access to these interventions? (**see prompts for *EGFR***)

6. Are you aware of any strategies to increase the number of patients receiving *ALK* mutation testing?

7. Are there any strategies which you believe could be implemented to further increase the number of patients receiving *EGFR* targeting treatments in the future?

**Other key stratified medicines**

**(Repeat above questions for other commonly used stratified medicines identified by respondent)**

**Stratified medicines in trials**

Do you believe there may be factors which will slow the implementation of these newer examples of stratified medicines?

To what extent do you believe previous experience will facilitate the implementation of future stratified medicines? (e.g. individual, regional, national strategies)

**Finishing questions**

Are there any other comments you would like to make about any difficulties you have had in offering stratifying tests for NSCLC?

Do you have any other questions about this study?

Thank you. I will now stop the recording

Can I now ask you some questions about yourself?

In which NHS hospital and trust do you work?

What is your job title? (**prompt for grade if not stated**)

How many years of experience do you have in this role?