

# King's Health Partners Preceptorship: "Experience the Expertise- Infections of the Immunocompromised"

**4-5<sup>th</sup> February 2022**

**(Immersive fully VIRTUAL learning event)**

## Course Committee:

1. Dr Varun Mehra – Consultant Haematologist
2. Prof Tony Pagliuca – Consultant Haematologist
3. Dr Silke Schelenz – Consultant Haematologist
4. Dr Mansour Ceesay – Consultant Haematologist
5. Dr Jimstan Periselneris - Respiratory Physician

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## King's Health Partners Preceptorship: "Experience the Expertise- Infections of the Immunocompromised"

**DAY 1 – Friday 4<sup>th</sup> February 2022**

### Agenda

| Time        | Session   | Speaker (s)                                   |
|-------------|---|---|
| 0900 - 0915 | Welcome and introduction  | Dr Varun Mehra                                |
| Session 1   | King's Model in Infection of Immunocompromised                      | Chairperson:<br>Prof Tony Pagliuca            |
| 0915 - 0930 | Know the team: King's College Haematology/Infection Service         | Prof Tony Pagliuca                            |
| 0930 - 1015 | Invasive Fungal disease- old problem, new solutions                 | Dr Mansour Ceesay                             |
| 1015 - 1100 | King's Infection MDT Service – Lab insights                         | Dr Silke Schelenz/<br>Dr Alireza Abdolrasouli |
| 1100 - 1115 | Coffee break/Virtual Networking                                     |   |
| Session 2   | Fungal Diseases - New Frontiers                                     | Chairperson:<br>Dr Silke Schelenz             |
| 1115 - 1200 | Invasive Fungal disease - New frontiers                             | Dr Varun Mehra                                |
| 1200 - 1240 | Keynote Lecture<br>Fungal Host Biology: Translational opportunities | Dr Johnathan Richardson                       |
| 1240 - 1315 | Microbiome - A Mirror of Human Disease                              | Dr David Moyes                                |
| 1315 - 1400 | Lunch/Virtual Networking  |   |
| 1400-1420   | King's Laboratory Virtual Tour + Q&As                               |   |
| Session 3   | New Challenges in & out of Haematology                              | Chairperson: Prof Tony Pagliuca               |
| 1420 - 1500 | Tryst with Covid-19   | Dr Malur Sudhanva                             |
| 1500 - 1520 | Covid-19 & Invasive Fungal Disease – Case Study                     | Dr Varun Mehra                                |
| 1520 - 1600 | Covid-19 associated Pulmonary Aspergillosis                         | Dr Silke Schelenz                             |
| 1600 - 1615 | Q&A   |   |
| 1615        | End of Day 1  |   |

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**DAY 2 – Saturday 5<sup>th</sup> February 2022**

### Agenda

| Time        | Session   | Speaker(s)                              |
|-------------|---|---|
| 0910        | Welcome   | Dr Mansour Ceesay                       |
| Session 1   | Imaging in Infections   | Chairperson:<br>Dr Mansour Ceesay       |
| 0915 - 0945 | Axial Imaging in Infections   | Prof Sujal Desai                        |
| 0945 - 1015 | Imaging in Infections- new possibilities  | Dr Asma Atker/<br>Dr Vincenzo Abbate    |
| 1015 - 1045 | What's in the Chest: Imaging vs Bronchoscopy  | Dr Jimstan Periselneris                 |
| 1045 - 1100 | Coffee break /Virtual Networking  |   |
| Session 2   | Optimising Therapeutics   | Chairperson:<br>Dr Silke Schelenz       |
| 1100 - 1130 | Key Note Lecture<br>The Future Pandemic of Fungal Resistance                                  | Prof Matt Fisher                        |
| 1130 - 1200 | Managing the Pathogen: Therapeutic landscape of<br>IFDs in Haematology                        | Prof Tony Pagliuca/Dr<br>Mansour Ceesay |
| 1200 - 1230 | Opportunistic Infections in BMT   | Dr Varun Mehra                          |
| 1230 - 1315 | Lunch Break / Meet the Experts  |   |
| Session 3   | Foreseeing the future: new technologies   | Chairperson:<br>Dr Varun Mehra          |
| 1315 - 1345 | Machine Based Learning and Infections: Translating to<br>Clinical Care                        | Dr Anand Shah                           |
| 1345 - 1430 | Key Note Lecture<br>Nanopore Sequencing and Evolving Novel Microbial<br>Diagnostic Strategies | Prof Jonathan Edgeworth                 |
| 1430 - 1500 | Novel Biologics and Antifungal Therapies  | Dr Darius Armstrong-James               |
| 1500        | Q&As and Closing Remarks  | Prof Tony Pagliuca                      |
|             | Event Feedback  |   |