



**Short course in basic and Translational Cardioimmunology**

**PROGRAMME**

**DAY 1 - 26th February 2024 (Aim 1)**

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| ***Basic principles of innate and adaptive immunity:*** |
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| 10.00 Welcome (Federica Marelli-Berg) |
| 10:15 am-11:15 am ***Cells and mechanisms of the innate immune system (Paula Longhi)***  |
| 11:20 am- 12:15pm ***Cells and mechanisms of the adaptive immune system (Federica Marelli-Berg) 45 minutes*** |
| Break  |
| 1pm-1:40pm ***Macrophages and cardiac repair (Suchita Nadkarni) 30+10*** |
| 1:45 pm- 2:15 pm ***The immune response in the heart (Federica Marelli-Berg)***  |
| 2:20 pm- 3:05 pm ***Cardiac metabolism and inflammation (Dunja Aksentijevic)***  |
| Break |
| 3:30pm-4pm ***Placental inflammation and cardiac defects (Suchita Nadkarni)*** |
| 4:05 pm- 4:45 pm***Immune senescence & inflammation (Sian Henson)***  |
| 4:45 pm-5:15 pm panel discussion |

 **DAY 2 - 27th February 2024 (Aim 2)**

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| ***Inflammatory heart muscle diseases (Part one)*** |
| 10 am-10:30 am***Diagnostic and prognostic challenges in inflammatory heart muscle disease (Saidi Mohiddin)*** |
| 10:30- 11:15 ***Biomarkers in precision medicine: lessons from rheumatology******(Myles Lewis)***  |
| ***Break***  |
| 11: 30 am– 12:10 pm ***Cardiac inflammation in systemic inflammatory disorders (Jianmin Chen).*** |
| Break |
| 1.00 pm- 1:40 ***Sarcoidosis (Thanos Bakalakos)***  |
| 1.45 pm- 2:25 ***Myocarditis and Covid (Dan Harding)*** |
| 2.30pm- 3.15 pm ***Immunosuppression in heart muscle inflammation (Myles Lewis)*** |
| ***Break***  |
| 3.30-4:00 pm***Panel discussion (all presenters)*** |

**DAY 3 – 28th February 2024 (Aim 3-4)**

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| ***Inflammatory heart muscle diseases (Part two)*** |
| 10am-10:45 ***Acute Myocarditis (Oliver Guttman)*** |
| 10:55 am -11:25 pm ***Inflammation and Arrythmias (Vishal Vyas)***  |
| 11:30- 12.10pm ***Inflammation in acute and chronic heart failure (Kostas Savvatis)***  |

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| ***Break*** |
| 1 pm-1:40 pm ***Cardiac inflammation as a complication of chemotherapy/immune checkpoint inhibition in cancer (Charlotte Manisty)*** |
| 1:50 pm-2:30 pm ***Familial heart muscle diseases and inflammation (Alex Protonotarios)***  |
| 2:30-3.10pm ***The heart-brain axis (Egle Solito)*** |
| ***Break***  |
| 3:15pm-3:45pm ***Panel Discussion (all presenters)***  |
| Concluding remarks ***Federica Marelli-Berg*** |