



**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*** |