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| **Friday, February 24th**  | **REGISTRATION OPENS at 17:00** | **The Kensington Suite** |
| Start | Time | End | Q&A | Researcher | Topic | Institution | Country |
| 18:00 | 00:15 | 18:15 |  | P. Harrison and CI | Welcome and Opening Remarks |  |  |
| 18:15 | 00:20 | 18:45 |  | Gethin McBean | Sulphur amino acids and antioxidant defence in brain glial cells, an update | University College Dublin | Ireland |
| 18:35 | 00:10 | 19:10 | 00:05 | Viktorija Bartkeviciute | Validation of the BV-2 microglial cell line as a model system for investigating transport and metabolism cysteine/cystine | University College Dublin | Ireland |
| 18:50 | 00:20 | 19:10 | 00:05 | Roz Anderson | Prodrug Update | University of Sunderland | UK |
| 19:15 | 00:30 | 19:45 | 00:05 | Jennifer Hollywood | Using induced pluripotent stem cells and kidney organoids to model cystinosis  | University of Auckland | New Zealand |
| 19:50 | 00:10 | 20:00 |  | P. Harrison | Wrap Up |  |  |
| **20:00** | **Networking Dinner and Drinks** | **The Dun Restaurant** |

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| **Saturday, February 25th**  | **SESSION ONE** | **The Martello Suite 1** |
| Start | Time | End | Q&A | Speaker | Topic | Institution | Country |
| 08:55 | 00:05 | 09:00 |  |  | Introduction to Workshop |  |  |
| 09:00 | 00:40 | 09:40 | 00:05 | **Minnie Sarwal** | Towards new therapies in cystinosis | UCSF  | USA |
| 09:45 | 00:20 | 10:05 | 00:05 | Katharina Hohenfellner | Interdisciplinary Cystinosis Clinic Traunstein | Klinikum Traunstrein | Germany |
| 10:10 | 00:20 | 10:30 | 00:05 | Don Cairns | Treatment of Ocular Complications of Cystinosis | Robert Gordon University | UK |
| 10:35 | 00:10 | 10:45 | 00:05 |  |  Wrap Up |  |  |
| **11:00 - 12:00** | **Speed Science** | **AM Coffee Break and Networking Event** |

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| **Saturday, February 25th**  | **SESSION TWO - Autophagy, anti-oxidants and TBC** | **The Martello Suite 1** |
| Start | Time | End | Q&A | Speaker | Topic | Institution | Country |
| 12:00 | 00:05 | 12:05 |   |  | Introduction |  |  |
| 12:05 | 00:20 | 12:25 | 00:05 | James Murray | Autophagy dysfunction and its relevance to cystinosis  | Trinity College Dublin | Ireland |
| 12:30 | 00:20 | 12:50 | 00:05 | Laura Rega | Activation of the transcription factor EB rescues lysosomal abnormalities in cystinotic kidney cells | Bambino Gesù Children's Hospital | Italy |
| 12:55 | 00:05 | 13:00 |   |  |  Wrap Up |   |   |
| **13:00 - 14:10**  | **Lunch & Posters** |

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| **Saturday, February 25th**  |  **SESSION THREE - Signalling, Cell and Molecular Biology** | **The Martello Suite 1** |
| Start | Time | End | Q&A | Speaker | Topic | Institution | Country |
| 14:15 | 00:05 | 14:20 |   |  | Introduction |  |  |
| 14:20 | 00:30 | 14:50 | 00:05 | **Elena Levtchenko** | The lysosome, the endosome and purturbations of signalling in the cystinostic cell | University of Leuven | Belgium |
| 14:55 | 00:20 | 15:15 | 00:05 | Bruno Andre | Towards the molecular identification of the lysosomal cysteine transporter, a proposed cystinosin partner of a cystine/cystine shuttle system, using yeast as a model system | Universite Libre de Bruxelles  | Belgium |
| 15:20 | 00:20 | 15:40 | 00:05 | Bruno Gasnier | Unique interaction of the lysosomal transporter PQLC2 with arginine | CRNS Paris Descartes | France |
| 15:45 | 00:10 | 15:55 |   |  |  Wrap Up |  |  |
| **15:55 – 16:10** |  **PM Coffee Break**  |

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| **Saturday, February 25th**  | **SESSION FOUR** | **The Martello Suite 1** |
| Start | Time | End | Q&A | Speaker | Topic | Institution | Country |
| 16:15 | 00:20 | 16:35 | 00:05 | **Paul Goodyer** | A novel aminoglycoside that allows translational read-throughs to CTNS nonsense mutations | McGill University | Canada |
| 16:40 | 00:20 | 17:00 | 00:05 | Manoe Janssen  | High throughput in vitro analysis of proximal tubular dysfunction in cystinosis for drug testing | University of Utrecht  | Netherlands |
| 15:45 | 00:20 | 16:05 | 00:05 | Bert van den Heuvel | A novel model for cystinosis in zebrafish and drug screening | University of Leuven/Radboud | Netherlands |
| 17:05 | 00:10 | 17:15 |  |  | Wrap Up |  |  |
| **17:20 – 17:30** | **Short Break** |
| 17:30 | 01:00 | 18:30 |   | Funding and Future Meetings  | Anne Cody HRB and Anne Marie Cystinosis Ireland |   |   |
| 18:30 | 00:00 | 18:30 |   |  | Scientific Day ends |  |  |

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| **19:45 – 19:50** | **ASSEMBLE FOR DINNER** | **Meet in the Hotel Lobby** |
| **20:00** | **Dinner at Hartley’s Restaurant** |  |

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| **Poster Presenters**  | **Poster Title** | **Institution** | **Country** |
| Patrick Harrison | Recent Advances in Gene Editing to Model and Treat Disease | University College Cork | Ireland |
| Melody Cools (B.A. PhD) | Poster On - the molecular identification of the lysosomal cysteine transporter, a proposed cystinosin partner of a cystine/cystine shuttle system, using yeast as a model system | Universite Libre de Bruxelles  | Belgium |
| Achim Treumann | Proteomics in Cystinosis | Newcastle University | UK |
| Dylan Ryan | Fumarate Induced Succination - A Novel Regulator of Inflammatory Cytokine Production | Trinity College Dublin | Ireland |
| Bridgeen Callan |  | Ulster University | Northern Ireland  |