



## Workshop on Plasmids as Vehicles of Antimicrobial Resistance Spread | (SMR 3761)

21 Mar 2022 - 25 Mar 2022  
ICTP, Italy

### 6 Directors

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|---|---------------------------------|----------------|
| 1. <b>CROUCHER Nick</b>                 | Imperial College London         | United Kingdom |
| 2. <b>DE LA CRUZ CALAHORRA Fernando</b> | University of Cantabria         | Spain          |
| 3. <b>IQBAL Zamin</b>                   | EBI Cambridge                   | United Kingdom |
| 4. <b>LEDDA Alice</b>                   | Imperial College London         | United Kingdom |
| 5. <b>MARSILI Matteo</b>                | ICTP                            | Italy          |
| 6. <b>NEHER Richard</b>                 | University of Basel, Biozentrum | Switzerland    |

### 25 Speakers

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|---|--|--------------------------|
| 1. <b>ALDERLIESTEN Jesse Beije</b>      | Utrecht University   | Netherlands              |
| 2. <b>BEDHOMME Stephanie</b>            | CEFE-CNRS  | France                   |
| 3. <b>BROCKHURST Michael</b>            | University of Manchester   | United Kingdom           |
| 4. <b>COSENTINO LAGOMARSINO Marco</b>   | IFOM   | Italy                    |
| 5. <b>DAGAN Tal</b>                     | Christian-Albrechts University of Kiel   | Germany                  |
| 6. <b>DIMITRIU Tatiana</b>              | University of Exeter   | United Kingdom           |
| 7. <b>DUXBURY Sarah Jennifer Nicola</b> | University of Warwick  | United Kingdom           |
| 8. <b>FERRETTI Luca</b>                 | Big Data Institute, University of Oxford   | United Kingdom           |
| 9. <b>HALL James P. J.</b>              | University of Liverpool  | United Kingdom           |
| 10. <b>HAWKEY Jane</b>                  | Monash University  | Australia                |
| 11. <b>HUISMAN Jana Sanne</b>           | ETH Zurich; Department of Environmental Systems Science; Institute of Integrative Biology; Theoretical Biology Group | Switzerland              |
| 12. <b>JAUNEIKAITE Elita</b>            | Department of Infectious Disease Epidemiology, Imperial College London   | United Kingdom           |
| 13. <b>KOSTERLIZ Olivia</b>             | University of Washington   | United States of America |
| 14. <b>KRUG Joachim Kalevi Gustav</b>   | University of Cologne Institute for Biological Physics   | Germany                  |
| 15. <b>LEHTINEN Sonja Katriin</b>       | ETH Zurich   | Switzerland              |

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| 16. | <b>MATLOCK Thomas William</b> | Modernising Medical Microbiology Consortium, Nuffield Department of Medicine, University Oxford | United Kingdom |
| 17. | <b>MCINERNEY James Oscar</b>  | University of Nottingham  | United Kingdom |
| 18. | <b>MOLARI Marco</b>           | University of Basel Biozentrum  | Switzerland    |
| 19. | <b>MORAN Robert</b>           | University of Birmingham  | United Kingdom |
| 20. | <b>POLETTI Chiara</b>         | INSERM - Sorbonne University  | France         |
| 21. | <b>ROBERTS Adam</b>           | Liverpool School of Tropical Medicine   | United Kingdom |
| 22. | <b>SAN MILLAN CRUZ Alvaro</b> | IRYCIS  | Spain          |
| 23. | <b>SHAW Liam Philip</b>       | Modernising Medical Microbiology, Nuffield Department of Medicine, University of Oxford         | United Kingdom |
| 24. | <b>SMALLA Kornelia</b>        | Julius Kuhn-Institut  | Germany        |
| 25. | <b>VAN SCHAİK Willem</b>      | University of Birmingham  | United Kingdom |

## 2 Tutors

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| 1. | <b>KAT Holt</b>               | London School of Health and Tropical Medicine               | United Kingdom |
| 2. | <b>STOESSER Nicole Elinor</b> | Nuffield Department of Population Health, Oxford University | United Kingdom |

## 87 Participants

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|    |                                     |   |              |
|----|-------------------------------------|---|--------------|
| 1. | <b>ADEOSUN Idowu Jesulayomi</b>     | Adeleke University Faculty of Science Department of Microbiology Molecular research laboratory                          | Nigeria      |
| 2. | <b>ADIAHA Monday Sunday</b>         | Extension Division, Department of Planning, Research Extension And Statistics, Nigeria Institute of Soil Science (NISS) | Nigeria      |
| 3. | <b>ADU-ASIAMAH Cynthia Kyerewaa</b> | -   | Ghana        |
| 4. | <b>AJIBOLA Walliyulahi Gbolahan</b> | Biological Research Centre  | Hungary      |
| 5. | <b>AKENTEN Charity Wiafe</b>        | Kumasi Center for Collaborative Research For Tropical Medicine  | Ghana        |
| 6. | <b>ALAWI Marwa</b>                  | Faculty of Science & Engineering Department of Biology  | Ireland      |
| 7. | <b>ALMEIDA SANTOS Ana</b>           | Faculty of Pharmacy of University of Porto  | Portugal     |
| 8. | <b>ASARE Chris Yaw</b>              | Kwame Nkrumah University of Science and Technology Department of Biochemistry and Biotechnology                         | Ghana        |
| 9. | <b>BESSONG Pascal Obong</b>         | University of Venda HIV/AIDS & Global Health Research Programme   | South Africa |

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| 10. | <b>BIRD Matthew Thomas</b>                   | UK Health Security Agency   | United Kingdom           |
| 11. | <b>BOONYASIRI Adhiratha</b>                  | NIHR Health Protection Research Unit In Healthcare Associated Infection and Antimicrobial Resistance, Imperial College London | United Kingdom           |
| 12. | <b>BROUWER Michael Sebastiaan Maria</b>      | Wageningen Bioveterinary Research - Department of Bacteriology Host Pathogen Interaction & Diagnostics Development            | Netherlands              |
| 13. | <b>CARDENAS REY Ingrid Yohanna</b>           | Wageningen Bioveterinary Research - Department of Bacteriology, Host-Pathogen Interaction & Diagnostics Development           | Netherlands              |
| 14. | <b>CAZARES LOPEZ Adrian</b>                  | European Bioinformatics Institute (EMBL-EBI), Zamin Iqbal group Wellcome Sanger Institute, Nicholas Thomson group             | United Kingdom           |
| 15. | <b>CHANDRASEKHARAN Giridhar</b>              | Univeristy of Warwick   | United Kingdom           |
| 16. | <b>CIUCHCIŃSKI Karol</b>                     | University of Warsaw Department of environmental microbiology and biotechnology   | Poland                   |
| 17. | <b>DA SILVA RODRIGUES DE SOUZA Stephanie</b> | University at Albany - SUNY   | United States of America |
| 18. | <b>DE LA FUENTE HIDALGO Javier</b>           | Centro Nacional de Biotecnología CNB-CSIC   | Spain                    |
| 19. | <b>DELGADO BLAS Jose Francisco</b>           | Complutense University of Madrid Animal Health Department   | Spain                    |
| 20. | <b>DE TORO HERNANDO María</b>                | Fundacion Rioja Salud, Centro de Investigación de La Rioja Genomics and Bioinformatics Core Facility                          | Spain                    |
| 21. | <b>DOUBLET Benoit Antoine Charly</b>         | INRAE   | France                   |
| 22. | <b>DZADEY Welbeck Odame</b>                  | Kumasi Centre for Collaborative Research in Tropical Medicine   | Ghana                    |
| 23. | <b>ELGAZZAR Ahmed Saad Hamed</b>             | Arish University Mathematics Department   | Egypt                    |
| 24. | <b>FALGENHAUER Linda</b>                     | Institute of Hygiene and Environmental medicine, Faculty of Medicine, Justus Liebig University Giessen                        | Germany                  |
| 25. | <b>FERNANDEZ Eduardo Javier</b>              | Institute of Veterinary Bacteriology, Vetsuisse Faculty   | Switzerland              |
| 26. | <b>FOSU Dennis</b>                           | KCCR  | Ghana                    |
| 27. | <b>FOX Stephen Peter</b>                     | University of Glasgow Institute of Infection, Immunity & Inflammation   | United Kingdom           |
| 28. | <b>FROLOVA Daria</b>                         | European Bioinformatics Institute, Iqbal Lab  | United Kingdom           |
| 29. | <b>GALLICHAN Sarah</b>                       | Liverpool School of Tropical Medicine   | United Kingdom           |
| 30. | <b>GARCÍA Rodríguez Miriam</b>               | Bioprocesos an biosystems engineering. IIM. CSIC (spanish research council)   | Spain                    |

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| 31. | <b>GARCÍA-LÓPEZ Daniel</b>               | At the Institute of Biomedicine and Biotechnology of Cantabria, department of Microbiology and Genomics; member of the Functional Plasmidomic and Intergenomic's groups. | Spain                    |
| 32. | <b>GARIRA Winston</b>                    | University of Venda  | South Africa             |
| 33. | <b>GETINO REDONDO Maria</b>              | Imperial College London Department of Infectious Disease   | United Kingdom           |
| 34. | <b>GIFFORD R Danna</b>                   | Faculty of Biology, Medicine and Health, The University of Manchester  | United Kingdom           |
| 35. | <b>GILLIEATT Brodie Frank</b>            | The University of Sydney School of Life and Environmental Science  | Australia                |
| 36. | <b>GLOOR Silvana Esther</b>              | Department of Environmental Systems Science Pathogen Ecology Group   | Switzerland              |
| 37. | <b>HERRADOR GOMEZ Pedro Manuel</b>       | CENTRO NACIONAL DE BIOTECNOLOGÍA   | Spain                    |
| 38. | <b>HUYNH Bich-Tram</b>                   | Institut Pasteur, Inserm, University Versailles-Saint-Quentin  | France                   |
| 39. | <b>IBARGUEN MONDRAGON Eduardo</b>        | Department of Mathematics and Statistics, Faculty of Exact and Nural Sciences University of Nariño Colombia  | Colombia                 |
| 40. | <b>IGERE Bright Esegbuyota</b>           | Western Delta University Oghara Department of Microbiology and Biotechnology   | Nigeria                  |
| 41. | <b>KARKMAN Antti</b>                     | University of Helsinki   | Finland                  |
| 42. | <b>KAUSER Ambreen</b>                    | Inland University Norway of Applied Sciences   | Norway                   |
| 43. | <b>KIPROTICH Amos</b>                    | Mbarara University of Science and Technology   | Uganda                   |
| 44. | <b>KOUGNIMON Fifamè Espérance Elvire</b> | Unité de Recherche sur les Maladies Non Transmissibles et le Cancer (UR-MNTC), LARBA, Ecole Polytechnique d'Abomey-Calavi, UAC   | Benin                    |
| 45. | <b>KUMI Agyei</b>                        | Kumasi Centre for Collaborative Research into Tropical Medicine Department of Infectious Disease and Epidemiology  | Ghana                    |
| 46. | <b>MAIER Berenike</b>                    | University of Cologne  | Germany                  |
| 47. | <b>MANZOOR Asma</b>                      | INSTITUT CHARLES VIOLLETTE, University de Lille France   | France                   |
| 48. | <b>MARTÍNEZ Nerea</b>                    | -  | Spain                    |
| 49. | <b>MATEO CACERES Victor</b>              | Instituto de Investigaciones Biomedicas "Alberto Sols" Departamento de modelos experimentales de enfermedades humanas  | Spain                    |
| 50. | <b>MEHTA Rohan</b>                       | Emory University   | Georgia                  |
| 51. | <b>MONGE GOMES DO COUTO Natacha</b>      | University of Bath Department of Biology and Biochemistry  | United Kingdom           |
| 52. | <b>MUNIZ TIRADO Adamaris</b>             | University of Washington, Department of Biology, Kerr Lab  | United States of America |

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| 53. | <b>OSEI-MENSA James</b>                          | Kumasi Centre for Collaborative Research in Tropical Medicine Infectious Diseases Epidemiology   | Ghana                    |
| 54. | <b>OSUNLA Ayodeji Charles</b>                    | Adekunle Ajasin University Department of Microbiology  | Nigeria                  |
| 55. | <b>PAGANINI Julian Andres</b>                    | UMC Utrecht  | Netherlands              |
| 56. | <b>PEÑIL Arancha</b>                             | Institute of Biomedicine and Biotechnology of Cantabria  | Spain                    |
| 57. | <b>PEREIRA CALVO-VILLAMAÑÁN Alicia</b>           | Centro Nacional de Biotecnología, CSIC   | Spain                    |
| 58. | <b>PONDINI Letizia</b>                           | The University of Warwick  | United Kingdom           |
| 59. | <b>PULIDO VADILLO Mario</b>                      | Universidad Complutense de Madrid Animal Health Department   | Spain                    |
| 60. | <b>QIU Xueting</b>                               | Harvard T. H. Chan School of Public Health Center for communicable diseases  | United States of America |
| 61. | <b>QUINN Angus Alexander Mcdonald</b>            | University of Warwick Department of Life Sciences  | United Kingdom           |
| 62. | <b>QUINONERO M. Mar</b>                          | Institute of Biomedicine and Biotechnology of Cantabria  | Spain                    |
| 63. | <b>RANGAMA Marie Séverine Coralie Scholastie</b> | The University of Warwick School of Life Sciences  | United Kingdom           |
| 64. | <b>REDONDO SALVO Santiago</b>                    | Institute of Biomedicine and Biotechnology of Cantabria (University of Cantabria - National Research Council CSIC) Department: Microbiology and Genomics Laboratory: Intergenomics | Spain                    |
| 65. | <b>REDREJO RODRÍGUEZ Modesto</b>                 | Universidad Autónoma de Madrid Department of Biochemistry  | Spain                    |
| 66. | <b>ROBERTS Leah</b>                              | European Molecular Biology Laboratory, European Bioinformatics Institute (EMBL-EBI)  | United Kingdom           |
| 67. | <b>RODERA FERNÁNDEZ Paloma</b>                   | -  | Spain                    |
| 68. | <b>ROKOWSKA Anna Maria</b>                       | University of Warsaw Institute of Microbiology   | Poland                   |
| 69. | <b>ROZWANDOWICZ Marta</b>                        | National Institute for Public Health and the Environment   | Netherlands              |
| 70. | <b>RUIZ ROLDÁN Lidia</b>                         | Molecular Epidemiology group (FISABIO) University of Valencia  | Spain                    |
| 71. | <b>SAKA Akeem Babatunde</b>                      | Department of Veterinary Public Health and Preventive Medicine, Faculty of Veterinary Medicine, University of Ibadan   | Nigeria                  |
| 72. | <b>SANTER Mario</b>                              | Max Planck Institute for Evolutionary Biology Department of Evolutionary Theory  | Germany                  |

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| 73. | <b>SANTOS-LOPEZ Alfonso</b>      | Hospital Universitario Ramon y Cajal  | Spain                    |
| 74. | <b>SERNA BERNALDO Carlos</b>     | Universidad Complutense de Madrid   | Spain                    |
| 75. | <b>SIDDIQUI Mohammad Tahir</b>   | Jamia Millia Islamia (A Central University)   | India                    |
| 76. | <b>STIMSON James</b>             | UK Health Security Agency   | United Kingdom           |
| 77. | <b>TAYLOR Bradford</b>           | Center for Communicable Disease Dynamics, Dept of Epidemiology, Harvard TH Chan School of Public Health | United States of America |
| 78. | <b>TEWOLDE Rediat</b>            | ukhsa   | United Kingdom           |
| 79. | <b>TSUI Kin Ming</b>             | Tan Tock Seng Hospital National Centre for Infectious Diseases  | Singapore                |
| 80. | <b>VAN HAMELSVELD Sophie Joy</b> | University of Canterbury School of Biological Sciences  | New Zealand              |
| 81. | <b>VOS Michiel</b>               | University of Exeter European Centre for Environment and Human Health                                   | United Kingdom           |
| 82. | <b>WALSH Fiona</b>               | Maynooth University   | Ireland                  |
| 83. | <b>WAN Yu</b>                    | Department of Infectious Disease, Imperial College London   | United Kingdom           |
| 84. | <b>WEDEL Emilia Florentine</b>   | Universidad Complutense de Madrid Departamento de Sanidad Animal  | Spain                    |
| 85. | <b>WEE Soon Keong</b>            | Lee Kong Chian School of Medicine, Nanyang Technological University Singapore                           | Singapore                |
| 86. | <b>WERNER Bailey Marie</b>       | University of Washington Department of Pharmacology   | United States of America |
| 87. | <b>WOŁĄCEWICZ Mikołaj</b>        | University of Warsaw Department of Environmental Microbiology and Biotechnology                         | Poland                   |