**Leadership**

**Leadership**

Andrea Ganna1,2,3,

Rachel G. Liao2,

Benjamin M Neale4,

Mark Daly1,2,3,

**Writing group**

**Writing group lead**

Mari E.K. Niemi5,

Gita A. Pathak6,

Shea J. Andrews7,

Masahiro Kanai2,

**Writing group member**

Kumar Veerapen2,

Israel Fernandez-Cadenas8,

Eva C. Schulte9,10,11,

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**Manuscript analyses team lead**

Juha Karjalainen1,

**Manuscript analyses team members: meta-analysis**

Juha Mehtonen1,

**Manuscript analyses team members: heritability, methods and supplements**

Mari E.K. Niemi5,

**Manuscript analyses team members: phewas**

Gita A. Pathak6,

**Manuscript analyses team members: mendelian randomization**

Shea J. Andrews7,

**Manuscript analyses team members: PC projection, gene prioritization**

Masahiro Kanai2,

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Rebekah Johnson913,

Katie Sweet913,

Denise Webster913,

Georgia Efford913,

Sara Bennett914,

Emma Goodwin914,

Matthew Jackson914,

Alissa Kent914,

Clare Tibke914,

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Ahmed Zaki914,

Amelia Daniel915,

Joanne Finn915,

Rajnish Saha915,

Nikki Staines915,

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J Allan916,

T Geary916,

Gordon Houston916,

A Meikle916,

P O'Brien916,

Dina Bell917,

Rosalind Boyle917,

Katie Douglas917,

Lynn Glass917,

Emma Lee917,

Liz Lennon917,

Austin Rattray917,

Rob Charnock918,

Denise McFarland918,

Denise Cosgrove918,

Ben Attwood919,

Penny Parsons919,

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Rosie Baruah921,

Sheila Morris921,

Susie Ferguson921,

Amy Shepherd921,

Abdelhakim Altabaibeh922,

Ana Alvaro922,

Kayleigh Gilbert922,

Louise Ma922,

Loreta Mostoles922,

Chetan Parmar922,

Kathryn Simpson922,

Champa Jetha922,

Lauren Booker922,

Anezka Pratley922,

Tracey Cosier923,

Gemma Millen923,

Neil Richardson923,

Natasha Schumacher923,

Heather Weston923,

James Rand923,

Colin Begg719,

Sara Clohisey702,

Charles Hinds695,

Antonia Ho924,

Peter Horby925,

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Lowell Ling926,

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Johnny Millar702,

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Kathy Rowan704,

Malcolm G. Semple732,733,

Manu Shankar-Hari930,

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Timothy Walsh698,

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Beatrice Alex718,

Benjamin Bach718,

Wendy S Barclay932,

Debby Bogaert705,

Meera Chand933,

Graham S Cooke934,

Annemarie B Docherty714,

Jake Dunning935,

Ana da Silva Filipe936,

Tom Fletcher937,

Christoper A Green634,

Ewen M Harrison714,

Julian A Hiscox938,

Antonia Ying Wai Ho936,

Peter W Horby939,

Samreen Ijaz940,

Saye Khoo941,

Paul Klenerman942,

Andrew Law943,

Wei Shen Lim944,

Alexander J Mentzer945,

Laura Merson946,

Alison M Meynert717,

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Massimo Palmarini936,

William A Paxton948,

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Andrew Rambaut950,

David L Robertson936,

Clark D Russell705,

Vanessa Sancho-Shimizu951,

Janet T Scott936,

Thushan de Silva952,

Louise Sigfrid946,

Tom Solomon530,

Shiranee Sriskandan934,

David Stuart953,

Charlotte Summers954,

Richard S Tedder955,

Emma C Thomson936,

AA Roger Thompson956,

Ryan S Thwaites730,

Lance CW Turtle530,

Rishi K Gupta957,

Carlo Palmieri958,

Olivia V Swann959,

Maria Zambon935,

Marc-Emmanuel Dumas960,

Julian L Griffin960,

Zoltan Takats960,

Kanta Chechi961,

Petros Andrikopoulos960,

Anthonia Osagie960,

Michael Olanipekun960,

Sonia Liggi960,

Matthew R Lewis962,

Gonçalo dos Santos Correia962,

Caroline J Sands962,

Panteleimon Takis962,

Lynn Maslen962,

William Greenhalf963,

Victoria Shaw964,

Sarah E McDonald936,

Seán Keating965,

Katie A. Ahmed966,

Jane A Armstrong966,

Milton Ashworth966,

Innocent G Asiimwe966,

Siddharth Bakshi966,

Samantha L Barlow966,

Laura Booth966,

Benjamin Brennan967,

Katie Bullock966,

Benjamin WA Catterall966,

Jordan J Clark966,

Emily A Clarke966,

Sarah Cole966,

Louise Cooper966,

Helen Cox966,

Christopher Davis966,

Oslem Dincarslan966,

Chris Dunn966,

Philip Dyer966,

Angela Elliott966,

Anthony Evans966,

Lorna Finch966,

Lewis WS Fisher966,

Terry Foster966,

Isabel Garcia-Dorival966,

William Greenhalf966,

Philip Gunning966,

Catherine Hartley966,

Rebecca L Jensen966,

Christopher B Jones966,

Trevor R Jones966,

Shadia Khandaker966,

Katharine King966,

Robyn T. Kiy966,

Chrysa Koukorava966,

Annette Lake967,

Suzannah Lant966,

Diane Latawiec966,

Lara Lavelle-Langham966,

Daniella Lefteri967,

Lauren Lett966,

Lucia A Livoti966,

Maria Mancini966,

Sarah McDonald966,

Laurence McEvoy966,

John McLauchlan967,

Soeren Metelmann966,

Nahida S Miah966,

Joanna Middleton966,

Joyce Mitchell966,

Shona C Moore966,

Ellen G Murphy966,

Rebekah Penrice-Randal966,

Jack Pilgrim966,

Tessa Prince966,

Will Reynolds966,

P. Matthew Ridley966,

Debby Sales966,

Victoria E Shaw966,

Rebecca K Shears966,

Benjamin Small966,

Krishanthi S Subramaniam966,

Agnieska Szemiel966,

Aislynn Taggart967,

Jolanta Tanianis-Hughes966,

Jordan Thomas966,

Erwan Trochu966,

Libby van Tonder966,

Eve Wilcock966,

J. Eunice Zhang966,

Lisa Flaherty966,

Nicole Maziere966,

Emily Cass966,

Alejandra Doce Carracedo966,

Nicola Carlucci966,

Anthony Holmes966,

Hannah Massey966,

Lee Murphy554,

Nicola Wrobel554,

Sarah McCafferty554,

Kirstie Morrice554,

Alan MacLean554,

**Admin Team Member**

Ruth Armstrong702,

J. Kenneth Baillie60,61,62,

Ceilia Boz702,

Adam Brown702,

Richard Clark968,

Sara Clohisey702,

Audrey Coutts968,

Louise Cullum702,

Nicky Day702,

Lorna Donnelly968,

Esther Duncan702,

Angie Fawkes968,

Paul Finernan702,

Max Head Fourman702,

James Furniss702,

Tammy Gilchrist968,

Ailsa Golightly702,

Katarzyna Hafezi968,

Ross Hendry702,

Andy Law702,

Dawn Law702,

Rachel Law702,

Sarah Law702,

Louise Macgillivray968,

Alan Maclean968,

Hanning Mal702,

Sarah McCafferty968,

Ellie Mcmaster702,

Jen Meikle702,

Shona C Moore969,

Kirstie Morrice968,

Lee Murphy968,

Wilna Oosthuyzen702,

Nicholas Parkinson702,

Trevor Paterson702,

Andrew Stenhouse702,

Maaike Swets60,970,

Helen Szoor-McElhinney702,

Filip Taneski702,

Lance Turtle969,

Tony Wackett702,

Mairi Ward702,

Jane Weaver702,

Nicola Wrobel968,

Marie Zechner702,

Judy Coyle702,

Bernadette Gallagher702,

Rebecca Lidstone-Scott702,

Debbie Hamilton702,

Katherine Schon971,

Anita Furlong971,

Heather Biggs971,

Fiona Griffiths60,

Eleanor Andrews762,

Kathy Brickell527,

Michelle Smyth527,

Lorna Murphy527,

Ruth Armstrong702,

J. Kenneth Baillie972,

Ceilia Boz702,

Adam Brown702,

Richard Clark968,

Sara Clohisey702,

Audrey Coutts968,

Louise Cullum702,

Nicky Day702,

Lorna Donnelly968,

Esther Duncan702,

Angie Fawkes968,

Paul Finernan702,

Max Head Fourman702,

James Furniss702,

Tammy Gilchrist968,

Ailsa Golightly702,

Katarzyna Hafezi968,

Ross Hendry702,

Andy Law702,

Dawn Law702,

Rachel Law702,

Sarah Law702,

Louise Macgillivray968,

Alan Maclean968,

Hanning Mal702,

Sarah McCafferty968,

Ellie Mcmaster702,

Jen Meikle702,

Shona C Moore969,

Kirstie Morrice968,

Lee Murphy968,

Wilna Oosthuyzen702,

Nicholas Parkinson702,

Trevor Paterson702,

Andrew Stenhouse702,

Maaike Swets973,

Helen Szoor-McElhinney702,

Filip Taneski702,

Lance Turtle969,

Tony Wackett702,

Mairi Ward702,

Jane Weaver702,

Nicola Wrobel968,

Marie Zechner702,

Judy Coyle702,

Bernadette Gallagher702,

Rebecca Lidstone-Scott702,

Debbie Hamilton702,

Fiona Griffiths702,

Gail Carson946,

Hayley Hardwick530,

Chloe Donohue715,

Fiona Griffiths60,

Wilna Oosthuyzen60,

1. Institute for Molecular Medicine Finland (FIMM), Univerisity of Helsinki, Helsinki, Finland

2. Broad Institute of MIT and Harvard, Cambridge, MA, USA

3. Analytic and Translational Genetics Unit, Massachusetts General Hospital, Boston, MA, USA

4. Massachusetts General Hospital, Broad Institute of MIT and Harvard, Cambridge, MA, USA

5. Institute for Molecular Medicine Finland (FIMM), Helsinki, Finland

6. Yale University, New Haven, CT, USA

7. Icahn School of Medicine at Mount Sinai, New York, NY, USA

8. Stroke Pharmacogenomics and Genetics, Biomedical Research Institute Sant Pau (IIB Sant Pau), Sant Pau Hospital, Inmungen-CoV2, Barcelona, Spain

9. Institute of Virology, Technical University Munich/Helmholtz Zentrum München, Munich, Germany

10. Institute of Psychiatric Phenomics and Genomics, Medical Center of the University of Munich, Munich, Germany

11. Department of Psychiatry, Medical Center of the University of Munich, Munich, Germany

12. IRCCS Istituto Giannina Gaslini, Genova, Italy, Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health, University of Genova, Genova, Italy

13. Univerisity of Helsinki, Helsinki, Finland

14. Queen Mary University of London, London, United Kingdom

15. Wellcome Sanger Institute, Wellcome Genome Campus, Hinxton, Cambridgeshire CB10 1SA, UK, Open Targets, Wellcome Genome Campus, Hinxton, Cambridgeshire CB10 1SD, UK

16. Department of Complex Trait Genetics, Center for Neurogenomics and Cognitive Research, Amsterdam Neuroscience, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands

17. McGill University. Lady Davis Institute, Jewish General Hospital, Montréal, Canada

18. Medical Research Institute, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea

19. Osaka University Graduate School of Medicine, Osaka, Japan

20. Baylor College of Medicine, Houston, TX, USA

21. Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, United Arab Emirates

22. MRC Integrative Epidemiology Unit (IEU) at the University of Bristol, Bristol, UK

23. Department of Internal Medicine, Division of Cardiovascular Medicine, Michigan Medicine, Ann Arbor, MI, USA

24. Department of Human Genetics, University of Michigan Medical School, Ann Arbor, MI, USA

25. Department of Computational Medicine and Bioinformatics, University of Michigan Medical School, Ann Arbor, MI, USA

26. Seaver Autism Center for Research and Treatment

27. Department of Psychiatry

28. Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

29. Program in Medical and Population Genetics, Broad Institute of MIT and Harvard, Cambridge, MA, USA

30. Institute for Molecular Medicine Finland (FIMM), University of Helsinki, Helsinki, Finland

31. Institute for Molecular Medicine Finland, University of Helsinki, Helsinki, Finland

32. David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

33. Institut Pasteur, Paris, France

34. Harvard School of Public Health, Boston, MA, USA

35. Institute for Molecular Bioscience, The University of Queensland, 306 Carmody Road, QLD 4072

36. Brisbane

37. Australia

38. Wellcome Sanger Institute, Wellcome Genome Campus, Hinxton, Cambridgeshire CB10 1SA, UK

39. Open Targets, Wellcome Genome Campus, Hinxton, Cambridgeshire CB10 1SD, UK

40. European Molecular Biology Laboratory, European Bioinformatics Institute (EMBL-EBI), Wellcome Genome Campus, Hinxton, Cambridgeshire CB10 1SD, UK

41. Seaver Autism Center for Research and Treatment, Department of Psychiatry Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

42. Centre for Bioinformatics and Data Analysis, Medical University of Bialystok, Bialystok, Poland

43. Trieste University, Trieste, Italy

44. Vanderbilt University Medical Center, Nashville, TN, USA

45. University of California San Francisco, San Fransisco, CA, USA

46. Stanford University, Stanford, USA

47. University of Siena, Genetica Medica, Azienda Ospedaliero-Universitaria Senese, Italy

48. Med Biotech Hub and Competence Center, Siena, Italy

49. Boston Children's Hospital, Broad Institute of MIT and Harvard, Cambridge, MA, USA

50. Blizard Institute, Queen Mary University of London, London, United Kingdom

51. Department of Genetics, University Medical Centre Groningen, Groningen, The Netherlands

52. University of Groningen Department of Genetics, University Medical Centre Utrecht, P.O. Box 85500, 3508 GA, Utrecht, The Netherlands

53. Department of Human Genetics, Epidemiology, Biostatistics and Occupational Health, McGill University, Montréal, Québec, Canada

54. Lady Davis Institute, Jewish General Hospital, McGill University, Montréal, Québec, Canada

55. Department of Twin Research, King’s College London, London, United Kingdom.

56. Department of Human Genetics, McGill University, Montréal, Québec, Canada

57. Kyoto-McGill International Collaborative School in Genomic Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan

58. Research Fellow, Japan Society for the Promotion of Science

59. National Institutes of Health, Bethesda, MD, USA

60. Roslin Institute, University of Edinburgh, Easter Bush, Edinburgh, EH25 9RG, UK

61. Intensive Care Unit, Royal Infirmary of Edinburgh, 54 Little France Drive, Edinburgh, EH16 5SA, UK

62. MRC Human Genetics Unit, Institute of Genetics and Molecular Medicine, University of Edinburgh, Western General Hospital, Crewe Road, Edinburgh, EH4 2XU, UK

63. Medical Genetics, University of Siena, Siena, Italy

64. Genetica Medica, Azienda Ospedaliero-Universitaria Senese, Italy

65. Med Biotech Hub and Competence Center, Department of Medical Biotechnologies, University of Siena, Italy

66. Department of Electronics, Information and Bioengineering (DEIB), Politecnico di Milano, Milano, Italy

67. Politecnico di Milano, Milan, Italy

68. University of Michigan, Ann Arbor, MI, USA

69. Vanderbilt School of Medicine, Nashville, TN, USA

70. All India Institute of Medical Sciences Kalyani, Kalyani, India

71. Hasso Plattner Institute, New York, NY, USA

72. Naina Tech, Hyderabad, India

73. EMBL-European Bioformatics Institute, Hinxton, UK

74. University of Northampton, Northampton, UK

75. University of Helsinki, Helsinki, Finland

76. University of Miami, Miami, FL, USA

77. Stanford UniversityStanford University, Stanford, USA

78. Nantes University, Ecole Centrale de Nantes, Inserm, Centre de Recherche en Transplantation et Immunologie, UMR1064, ITUN, Nantes, France

79. University of Liège, Liège, Belgium

80. Qatar Genome Program, Qatar Foundation Research, Development and Innovation, Qatar Foundation, Doha, Qatar

81. Scientific education head, Qatar Genome Program, Doha, Qatar

82. Medical and Population Genetics and Cardiovascular Disease Initiative, Broad Institute of Harvard and MIT, Cambridge, MA, USA

83. Cardiovascular Research Center, Massachusetts General Hospital, Boston, MA, USA

84. Intensive Care Unit Vall d'Hebron Hospital, Barcelona, Spain

85. Institut de Biomedicina de València – CSIC, València, Spain

86. Centro de Investigación Biomédica en Red en Enfermedades Neurodegenerativas (CIBERNED), València, Spain

87. Unidad Mixta de Neurología y Genética, Instituto de Investigación Sanitaria La Fe, València, Spain

88. Erasmus Medical Center, The Netherlands

89. National Genome Center: Copenhagen, Denmark

90. University of Copenhagen, Copenhagen, Denmark

91. Genomics plc, Oxford, UK

92. Medical Center of the University of Munich, Munich, Germany

93. Institute for Community Medicine, University Medicine Greifswald, Greifswald, Germany

94. Department of Population Medicine and Lifestyle Diseases Prevention, Medical University of Bialystok, Bialystok, Poland

95. Genomics England, London, United Kingdom

96. Junta de Andalucía, Seville, Spain

97. Human Genetics Program of ICBM and Department of Basic-Clinical Oncology, University of Chile, Santiago, Chile

98. Center for the Development of Scientific Research (CEDIC), Paris, France

99. Erasmus MC, Rotterdam, Netherlands

100. Translational Bioinformatics Unit, Navarrabiomed, Complejo Hospitalario de Navarra (CHN), Universidad Pública de Navarra (UPNA), IdiSNA, Pamplona, Spain

101. Mucosal & Salivary Biology Division, King's College London Dental Institute, London, UK

102. GENYO, Center for Genomics and Oncological Research Pfizer/University of Granada/Andalusian Regional Government, 18016 Granada, Spain

103. University of Puerto Rico, San Juan, Peurto Rico

104. National Laboratory of Genomics for Biodiversity (LANGEBIO), Advanced Genomics Unit, CINVESTAV, Irapuato, Guanajuato 36824, Mexico

105. Queensland University of Technology, Brisbane, Australia

106. Clinical Research Unit of nanoro, Institut de Recherche en Sciences de la Santé, CNRST, Ouagadougou, Burkina Faso

107. McGill University, Montréal, Canada

108. Université de Montréal, Montréal, Canada

109. Fonds de la Recherche Scientifique (FNRS) & Centre de Génétique Humaine, Hôpital Erasme, Université Libre de Bruxelles, Brussels, Belgium

110. All India Institute of Medical Sciences Kalyani, West Bengal

111. All India Institute of Medical Sciences, Kalyani, West Bengal

112. University of Pecs Medical School, Pécs, Hungary

113. Institute of Biomedicine, and Cancer Research Laboratories, Western Cancer Centre FICAN West, University of Turku, Turku, Finland

114. Institute of Biomedical Technologies, National Research Council, Segrate (Milan) 20090, Italy

115. Immediate, Milan, Italy

116. University of Cambridge, Cambridge, United Kingdom

117. Genome Opinion, Seoul, Republic of Korea

118. -

119. University of Groningen, Groningen, Netherlands

120. Universiti Malaysia Pahang, Gambang, Malaysia

121. Broad Institute of MIT and Harvard

122. Vrije Universiteit Amsterdam, Amsterdam, Netherlands

123. University Medical Centre Groningen, University of Groningen, Groningen, Netherlands

124. MNM DIAGNOSTICS, Poznań, Poland

125. Institute for Systems Biology, Seattle, WA, USA

126. Sultan Idris Education University, Tanjung Malim, Malaysia

127. Hospital Kulim, Kedah, Malaysia

128. AbbVie Inc, Lake Buff, IL, USA

129. Root Deep Insight, Boston MA, 02134 USA

130. 23andMe, Sunnyvale, CA, USA

131. GSK, Stevenage, United Kingdom

132. Northwestern Univerisity, Feinberg School of Medicine, Department of Pharmacology, Chicago, IL 60611

133. Northwestern Univeristy, Chief of Hospital Medicine, Department of Medicine, Chicago IL 60611

134. Washington, DC Veterans Affairs Medical Center, Hospital Medicine, Washington DC, 20422

135. George Washington University, Department of Medicine, Washington DC 20037

136. Univeristy of Chicago, Section of Hospital Medicine, Department of Medicine, Chicago IL 60637

137. Univeristy of Chicago, Section of Hematology and Oncology, Department of Medicine, Chicago IL 60639

138. University of Illinois at Chicago, College of Pharmacy, Chicago, IL 60612

139. Northwestern Univerisity, Feinberg School of Medicine, Department of Pharmacology, Chicago, IL 60612

140. Northwestern Univerisity, Feinberg School of Medicine, Department of Pharmacology, Chicago, IL 60614

141. Northwestern Univeristy, Department of Medicine, Chicago IL 60611

142. Washington, DC Veterans Affairs Medical Center, Hospital Medicine, Washington DC, 20423

143. Washington, DC Veterans Affairs Medical Center, Hospital Medicine, Washington DC, 20424

144. George Washington University, Department of Pharmacology, Washington DC 20038

145. Univeristy of Chicago, Section of Hospital Medicine, Department of Medicine, Chicago IL 60638

146. University of Illinois at Chicago, College of Pharmacy, Chicago, IL 60613

147. Northwestern Univerisity, Feinberg School of Medicine, Department of Pharmacology, Chicago, IL 60613

148. Department of Neurology, Amsterdam UMC, Amsterdam Neuroscience, Amsterdam, Netherlands

149. Department of Intensive Care, Amsterdam UMC, Amsterdam, Netherlands

150. Department of Infectious Diseases, Amsterdam UMC, Amsterdam, Netherlands

151. Department of Clinical Epidemiology, Biostatistics and Bioinformatics, Amsterdam UMC, Amsterdam, Netherlands

152. Experimental Immunology, Amsterdam UMC, Amsterdam, Netherlands

153. Department of Pulmonology, Amsterdam UMC, Amsterdam, Netherlands

154. Department of Pathology, Amsterdam UMC, Amsterdam, Netherlands

155. Department of Anesthesiology, Amsterdam UMC, Amsterdam, Netherlands.

156. Amsterdam UMC Biobank Core Facility, Amsterdam UMC, Amsterdam, Netherlands

157. Department of Radiology, Amsterdam UMC, Amsterdam, Netherlands

158. Department of Medical Microbiology, Amsterdam UMC, Amsterdam, Netherlands

159. Department of Clinical Chemistry, Amsterdam UMC, Amsterdam, Netherlands

160. Amsterdam UMC Biobank, Amsterdam UMC, Amsterdam, Netherlands

161. Core facility Genomics, Amsterdam UMC, Amsterdam, Netherlands

162. Ancestry, Lehi, UT, USA

163. University of Liege, GIGA-Institute, Liège, Belgium

164. CHC Mont-Légia, Liège, Liège, Belgium

165. CHU of Liege, BHUL (Liege biobank), Liège, Belgium

166. Analytic & Translational Genetics Unit, Massachusetts General Hospital, Boston, MA, USA

167. Stanley Center for Psychiatric Research & Program in Medical and Population Genetics, Broad Institute of MIT and Harvard, Cambridge, MA, USA

168. Centre de Génétique Humaine, Hôpital Erasme, Université Libre de Bruxelles, Brussels, Belgium

169. Service de Médecine Interne, Hôpital Erasme, Université Libre de Bruxelles, Brussels, Belgium

170. CHU of Liege, University of Liege, Liège, Belgium

171. CHU of Liege, Liège, Belgium

172. CHU of Liege, Liège, Belgium, Liège, Belgium

173. CHU of liege, Liège, Belgium

174. McGill Genome Centre and Department of Human Genetics, McGill University, Montréal, Québec, Canada

175. Department of Twin Research, King’s College London, London, United Kingdom

176. Department of Epidemiology, Biostatistics and Occupational Health, McGill University, Montréal, Québec, Canada

177. Department of Emergency Medicine, McGill University, Montréal, Québec, Canada

178. Emergency Department, Jewish General Hospital, McGill University, Montréal, Québec, Canada

179. McGill AIDS Centre, Department of Microbiology and Immunology, Lady Davis Institute for Medical Research, Jewish General Hospital, McGill University, Montréal, Québec, Canada

180. McGill Centre for Viral Diseases, Lady Davis Institute, Department of Infectious Disease, Jewish General Hospital, Montréal, Québec, Canada

181. Research Centre of the Centre Hospitalier de l’Université de Montréal, Montréal, Canada

182. Department of Medicine and Research Centre of the Centre Hospitalier de l’Université de Montréal, Montréal, Canada

183. Department of Medicine, Université de Montréal, Montréal, Canada

184. Department of Medicine and Human Genetics, McGill University, Montréal, Québec, Canada

185. Department of Intensive Care and Research Centre of the Centre Hospitalier de l’Université de Montréal, Montréal, Canada

186. Division of Infectious Diseases and Research Centre of the Centre Hospitalier de l’Université de Montréal, Montréal, Canada

187. Division of Genetic Medicine, Department of Medicine, Vanderbilt University Medical Center

188. Vanderbilt Genetics Institute, Vanderbilt University Medical Center, Nashville, TN, USA

189. Institute of Human Genetics, University Hospital Bonn, Medical Faculty University of Bonn, 53127 Bonn, Germany

190. Institute of Genomic Statistics and Bioinformatics, University Hospital Bonn, Medical Faculty University of Bonn, Venusberg-Campus 1, 53127 Bonn, Germany

191. Department of Gastroenterology, Hepatology and Infectious Diseases, University Hospital Duesseldorf, Medical Faculty Heinrich Heine University, 40225 Duesseldorf, Germany

192. Institute of Human Genetics, Medical Faculty, RWTH Aachen University, Aachen, Germany

193. Clinic for Cardiology, Angiology and Internal Intensive Medicine, Medical Clinic I, RWTH Aachen University, Aachen, Germany

194. Department of Pneumology and Intensive Care Medicine, Faculty of Medicine, RWTH Aachen University, Aachen, Germany

195. Department of Pneumology, Hannover Medical School, Hannover, Germany

196. Department of Gastroenterology, Hepatology and Endocrinology, Hannover Medical School, Hannover, Germany

197. Hannover Unified Biobank, Hannover Medical School, Hannover, Germany

198. Department I of Internal Medicine, Faculty of Medicine and University Hospital of Cologne, University of Cologne, 50937 Cologne, Germany

199. Center for Molecular Medicine Cologne (CMMC), University of Cologne, 50931 Cologne, Germany

200. German Center for Infection Research (DZIF), Partner Site Bonn-Cologne, Cologne, Germany

201. Department I of Internal Medicine, Faculty of Medicine and University Hospital of Cologne, University of Cologne, 50937, Cologne, Germany

202. Cologne Center for Genomics (CCG), University of Cologne, Cologne, Germany

203. Department of Anesthesiology and Intensive Care Medicine, University Hospital Essen, University Duisburg-Essen, Essen, Germany

204. Department of Child and Adolescent Psychiatry, University Hospital Essen, University of Duisburg-Essen, Essen, Germany

205. Department of Infectious Diseases, University Hospital Essen, University Duisburg-Essen, Essen, Germany

206. Department of Pneumology, Allergology and Respiratory Medicine, University Hospital Saarland, Homburg/Saar, Germany

207. Center of Human and Molecular Biology, Department of Human Genetics, University Hospital Saarland, Homburg/Saar, Germany

208. Department of Genetics & Epigenetics, Saarland University, Saarbrücken, Germany

209. Eurac Research, Institute for Biomedicine (affiliated to the University of Lübeck), Bolzano, Italy

210. University of Colorado - Anschutz Medical Campus, Aurora, CO, USA

211. Department of Genetics and Development, Columbia University, Institute for Genomic Medicine,Columbia University, New York, NY, USA

212. Department of Medicine, Columbia University, Institute for Genomic Medicine, Columbia University, New York, NY, USA

213. Department of Biomedical Informatics, Columbia University, New York, NY, USA

214. Department of Pediatrics, Columbia University, New York, NY, USA

215. Department of Medicine, Columbia University, New York, NY, USA

216. Institute for Genomic Medicine, Columbia University, New York, NY, USA

217. Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY, USA

218. Department of Pathology and Cell Biology, Columbia University, New York, NY, USA

219. Medical Research Institute, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

220. Department of Clinical Research Design and Evaluation, SAIHST, Sungkyunkwan University, Seoul, Republic of Korea

221. Division of Gastroenterology, Department of Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University, School of Medicine, Seoul, Republic of Korea

222. Department of Biochemistry, College of Medicine, Ewha Womans University, Seoul, Republic of Korea

223. Department of Internal Medicine, Seoul National University Hospital, Seoul National University College of Medicine, Seoul, Republic of Korea

224. Department of Periodontology, Section of Dentistry, Seoul National University Bundang Hospital, Seongnam, Republic of Korea

225. Department of Internal Medicine, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seongnam, Republic of Korea

226. Department of Physical & Rehabilitation Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

227. Department of Clinical Research Design & Evaluation, SAIHST, Sungkyunkwan University, Seoul, Republic of Korea

228. Biomedical Institute for Convergence at SKKU, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea

229. Department of Public Health Service, Seoul National University Bundang Hospital, Seongnam, Republic of Korea

230. Department of Rehabilitation Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea

231. Korea Research Environment Open NETwork, Korea Institute of Science and Technology Information, Daejeon, Republic of Korea

232. Global Science Experimental Data Hub Center, Korea Institute of Science and Technology Information, Daejeon, Republic of Korea

233. Division of Infectious Diseases, Department of Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

234. Center for Cohort studies, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

235. Department of Occupational and Environmental Medicine, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

236. Department of Laboratory Medicine, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seongnam, Republic of Korea

237. Institute of Clinical Molecular Biology, Christian-Albrechts-University, Kiel, Germany

238. Novo Nordisk Foundation Center for Protein Research, Disease Systems Biology, Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark

239. Institut de Biotecnologia i de Biomedicina, Universitat Autònoma de Barcelona, Bellaterra (Barcelona), Spain

240. ICREA, Barcelona, Spain

241. Research Group for Evolutionary Immunogenomics, Max Planck Institute for Evolutionary Biology, Plön, Germany

242. Research Unit for Evolutionary Immunogenomics, Department of Biology, University of Hamburg, Hamburg, Germany

243. Department of Gastroenterology, Hospital Universitario Ramón y Cajal, University of Alcalá, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), Madrid, Spain

244. Centro de Investigación Biomédica en Red en Enfermedades Hepáticas y Digestivas (CIBEREHD), Instituto de Salud Carlos III (ISCIII), Madrid, Spain

245. Vall d’Hebron Institut de Recerca (VHIR), Vall d’Hebron Hospital Universitari, Barcelona, Spain

246. Charite Universitätsmedizin Berlin, Berlin, Germany

247. Institute of Psychiatric Phenomics and Genomics, University Medical Center, University of Munich, Munich, Germany

248. Department of Psychiatry, University Medical Center, University of Munich, Munich, Germany

249. Hospital Universitario Clinico San Cecilio, Granada, Spain

250. Instituto de Investigación Ibs.Granada, Granada, Spain

251. Emergency Department, University Hospital Regensburg, Regensburg, Germany

252. Department for Infectious Diseases and Infection Control, University Hospital Regensburg, Regensburg, Germany

253. Medical University of Innsbruck, Department of Medicine and Christian Doppler Laboratory on Iron and Phosphate Biology, Innsbruck, Austria

254. Institute of Clinical Medicine, University of Oslo, Oslo, Norway

255. Department of Microbiology, Oslo University Hospital, Oslo, Norway

256. Hospital Clinic, University of Barcelona, and IDIBAPS, Barcelona, Spain

257. European Foundation for the Study of Chronic Liver Failure (EF-CLIF), Barcelona, Spain

258. University of Cologne, Medical Faculty and University Hospital Cologne, Department I of Internal Medicine, Cologne, Germany

259. University of Cologne, Cologne Excellence Cluster on Cellular Stress Responses in Aging-Associated Diseases (CECAD), Cologne, Germany

260. Center for Molecular Medicine Cologne (CMMC), University of Cologne, Cologne, Germany

261. Genomes for Life-GCAT lab. Germans Trias i Pujol Research Institute (IGTP), Badalona, Spain

262. IRCCS Humanitas Research Hospital, Rozzano, Milan, Italy

263. Department of Biomedical Sciences, Humanitas University, Pieve Emanuele, Milan, Italy

264. Institute of Transfusionsmedicine, University Hospital Schleswig-Holstein (UKSH), Germany

265. Klinik für Innere Medizin I, Universitätsklinikum Schleswig-Holstein, Campus Kiel, Germany

266. Zentrum für Humangenetik Regensburg, Regensburg, Germany

267. University Hospital Schleswig-Holstein (UKSH), Campus Kiel, Germany

268. Section for Gastroenterology, Department of Transplantation Medicine, Division for Cancer medicine, Surgery and Transplantation, Oslo University Hospital Rikshospitalet, Oslo, Norway

269. Research Institute for Internal Medicine, Division of Surgery, Inflammatory Diseases and Transplantation, Oslo University Hospital Rikshospitalet and University of Oslo, Oslo, Norway

270. Norwegian PSC Research Center, Department of Transplantation Medicine, Division of Surgery, Inflammatory Diseases and Transplantation, Oslo University Hospital Rikshospitalet, Oslo, Norway

271. Section for Gastroenterology, Department of Transplantation Medicine, Division for Cancer Medicine, Surgery and Transplantation, Oslo University Hospital Rikshospitalet, Oslo, Norway

272. Division of Rheumatology, Inflammation and Immunity, Brigham and Women’s Hospital and Harvard Medical School, Boston, MA, USA

273. Division of Genetics, Department of Medicine, Brigham and Women’s Hospital, Boston, MA, USA

274. Department of Biomedical Informatics, Harvard Medical School, Boston, MA, USA

275. Center for Data Sciences, Brigham and Women’s Hospital, Boston, MA, USA

276. Randaberg Municipality, Norway

277. University of Stavanger, Faculty of health sciencies, Departement of quality and health technology, Stavanger, Norway

278. Norwegian Institute of Public Health, Division of Health Data and Digitalization, Department of Genetics and Bioinformatics (HDGB) Oslo, Norway

279. Centre for Genetics and Genomics Versus Arthritis, Centre for Musculoskeletal Research, Manchester Academic Health Science Centre, The University of Manchester, Manchester, UK

280. Department of Intensive Care, Hospital Universitario Ramón y Cajal, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), University of Alcalá, Madrid, Spain

281. Osakidetza Basque Health Service, Donostialdea Integrated Health Organisation, Clinical Biochemistry Department, San Sebastian, Spain

282. Research Center and Memory Clinic, Fundació ACE, Institut Català de Neurociències Aplicades, Universitat Internacional de Catalunya, Barcelona, Spain

283. Networking Research Center on Neurodegenerative Diseases (CIBERNED), Instituto de Salud Carlos III, Madrid, Spain

284. Department of Acute Medicine, Oslo University Hospital, Oslo, Norway

285. Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

286. European Reference Network on Hepatological Diseases (ERN RARE LIVER), San Gerardo Hospital, Monza, Italy

287. Division of Gastroenterology, Center for Autoimmune Liver Diseases, department of Medicne and Surgery, University of Milan Bicocca, Milan, Italy

288. German Center for Neurodegenerative Diseases (DZNE Bonn), Bonn, Germany

289. Division of Neurogenetics and Molecular Psychiatry, Department of Psychiatry and Psychotherapy, University of Cologne, Medical Faculty, Cologne, Germany

290. Department of Psychiatry and Glenn Biggs Institute for Alzheimer’s and Neurodegenerative Diseases, San Antonio, TX, USA

291. Department of Neurodegenerative Diseases and Geriatric Psychiatry, University Hospital Bonn, Bonn, Germany

292. Liver Unit, Department of Internal Medicine, Hospital Universitari Vall d’Hebron, Vall d’Hebron Barcelona Hospital Campus, Barcelona, Spain

293. Department of Anesthesiology and Intensive Care, University Hospital of North Norway, Tromsø, Norway

294. Klinik für Innere Medizin I, Universitätsklinikum Schleswig-Holstein, Campus Kiel

295. Gastroenterology Unit, Fondazione IRCCS Casa Sollievo della Sofferenza, San Giovanni Rotondo, Italy

296. Dept. of Infectious diseases, Oslo University Hospital, Norway

297. Microbiology Department, Hospital Universitari Vall d'Hebron, Barcelona, Spain

298. Universitat Autònoma de Barcelona, Bellatera, Spain

299. Department of Respiratory Diseases, Hospital Universitario Ramón y Cajal, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), University of Alcalá, Centro de Investigación Biomédica en Red en Enfermedades Respiratorias (CIBERES), Madrid, Spain

300. Department of Respiratory Medicine and Allergology, University Hospital, Goethe University, Frankfurt am Main, Germany

301. Department of Infectious Diseases, Hospital Universitario Ramón y Cajal, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), University of Alcalá, Madrid, Spain

302. Technical University of Munich, School of Medicine, University Hospital rechts der Isar, Department of Internal Medicine II, Munich, Germany

303. Division of Clinical Infectious Diseases, Research Center Borstel, Borstel, Germany

304. German Center for Infection Research (DZIF) Clinical Tuberculosis Unit, Borstel, Germany

305. Respiratory Medicine & International Health, University of Lübeck, Lübeck, Germany

306. Osakidetza Basque Health Service, Basurto University Hospital, Respiratory Service, Bilbao, Spain

307. Department of Clinical and Molecular Medicine, Faculty of Medicine and Health Science, Norwegian University of Science and Technology, Trondheim, Norway

308. Clinic Ålesund Hospital, Dept. of Medicine, Møre & Romsdal Hospital Trust, Ålesund, Norway

309. Department of Anesthesiology, Hospital Universitario Ramón y Cajal, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), University of Alcalá, Madrid, Spain

310. Liver ICU, Hospital Clinic Barcelona, Barcelona, Spain Hospital Clinic, University of Barcelona, and IDIBAPS, Barcelona, Spain

311. Osakidetza Basque Health Service, Galdakao Hospital, Respiratory Service, Galdakao, Spain

312. IBMDR - E.O. Ospedali Galliera, Genova, Italy

313. Liver ICU, Hospital Clinic Barcelona, Barcelona, Spain

314. Biocruces Bizkaia Health Research Institute, Barakaldo, Spain

315. Histocompatibilidad y Biologia Molecular, Centro de Transfusion de Madrid, Madrid, Spain

316. University of Milan, Milan, Italy

317. Fondazione Grigioni per il Morbo di Parkinson, Milan, Italy

318. Department of Anesthesiology, Intensive Care Medicine and Pain Therapy, University Hospital Frankfurt, Frankfurt am Main, Germany

319. University of Cologne, Medical Faculty and University Hospital Cologne, German Center for Infection Research (DZIF), Partner Site Bonn-Cologne, Cologne, Germany

320. Department of Liver and Gastrointestinal Diseases, Biodonostia Health Research Institute - Donostia University Hospital, University of the Basque Country (UPV/EHU), CIBERehd, Ikerbasque, San Sebastian, Spain

321. Ikerbasque, Basque Foundation for Science, Bilbao, Spain

322. Department of Liver and Gastrointestinal Diseases, Biodonostia Health Research Institute – Donostia University Hospital – University of the Basque Country (UPV/EHU), San Sebastian, Spain

323. Infectious Diseases Service, Osakidetza, Biocruces Bizkaia Health Research Institute, Barakaldo, Spain

324. Medical Department, Drammen Hospital, Vestre Viken Hospital Trust, Norway

325. Research Center Borstel, BioMaterialBank Nord, Germany

326. German Center for Lung Research (DZL), Airway Research Center North (ARCN), Germany

327. Popgen 2.0 network (P2N), Kiel, Germany

328. Department of Liver and Gastrointestinal Diseases, Biodonostia Health Research Institute – Donostia University Hospital –, University of the Basque Country (UPV/EHU), San Sebastian, Spain

329. Department of Liver and Gastrointestinal Diseases, Biodonostia Health Research Institute - Donostia University Hospital, University of the Basque Country (UPV/EHU), CIBERehd, San Sebastian, Spain

330. Dept. of Infectious diseases, Oslo University Hospital, Oslo, Norway

331. Department of Clinical Science, University of Bergen, Bergen, Norway

332. Biodonostia Health Research Institute, Donostia University Hospital, San Sebastian, Spain

333. Germans Trias i Pujol Research Institute (IGTP), Badalona, Spain

334. Analytic & Translational Genetics Unit, Massachusetts General Hospital, Boston, MA, USA Stanley Center for Psychiatric Research & Program in Medical and Population Genetics, Broad Institute of MIT and Harvard, Cambridge, MA, USA

335. ISGlobal, Barcelona, Spain

336. CIBER Epidemiología y Salud Pública (CIBERESP), Madrid, Spain

337. Universitat Pompeu Fabra (UPF), Barcelona, Spain

338. IMIM (Hospital del Mar Medical Research Institute), Barcelona, Spain

339. Osakidetza Basque Health Service, Donostialdea Integrated Health Organization, San Sebastian, Spain

340. Department of Internal Medicine, Infectious Diseases, University Hospital Frankfurt & Goethe University Frankfurt, Frankfurt am Main, Germany

341. Humanitas Gavazzeni-Castelli, Bergamo, Italy

342. Department of Liver and Gastrointestinal Diseases, Biodonostia Health Research Institute, San Sebastian, Spain

343. Department of Liver and Gastrointestinal Diseases, Biodonostia Health Research Institute - Donostia University Hospital, Ikerbasque, San Sebastian, Spain

344. School of Biological Sciences, Monash University, Clayton, VIC, Australia

345. Munich Clinic Schwabing, Academic Teaching Hospital, Ludwig-Maximilians-University (LMU), Munich, Germany

346. Department of Anesthesiology, Hospital Universitario Ramón y Cajal, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), Madrid, Spain

347. NA

348. University of Cologne, Cologne Excellence Cluster on Cellular Stress Responses in Aging-Associated Diseases (CECAD), Cologne, Germany

349. Clinical Trials Centre Cologne, ZKS Köln, Cologne, Germany

350. University of Cologne, Medical Faculty and University Hospital Cologne, German Center for Infection Research (DZIF), Partner Site Bonn-Cologne, Cologne, Germany

351. Institute of Human Genetics, University of Bonn School of Medicine & University Hospital Bonn, Bonn, Germany

352. Institute of Clinical Molecular Biology, Christian-Albrechts-University of Kiel, Kiel, Germany

353. Institute of Immunology, Christian-Albrechts-University of Kiel & UKSH Schleswig-Holstein, Kiel, Germany

354. Institute of Immunology, Christian-Albrechts-University of Kiel, Kiel, Germany

355. Institute of Medical Virology, University Hospital Frankfurt, Goethe University, Frankfurt am Main, Germany

356. German Centre for Infection Research (DZIF), External Partner Site Frankfurt, Frankfurt am Main, Germany

357. Department of Neurology, Bezirksklinikum Regensburg, University of Regensburg, Regensburg, Germany

358. Institute of Human Genetics, University of Bonn, School of Medicine & University Hospital Bonn, Bonn, Germany

359. Charite Universitätsmedizin Berlin, Berlin Institute of Health, Berlin Germany

360. German Center for Infection Research (DZIF), Munich partner site, Munich, Germany

361. Department of Infectious Diseases, University Hospital of North Norway, Tromsø, Norway

362. Faculty of Health Sciences, UIT The Arctic University of Norway, Norway

363. Catalan Institute of Oncology (ICO), Barcelona, Spain

364. Bellvitge Biomedical Research Institute (IDIBELL), Barcelona, Spain

365. Universitat de Barcelona (UB), Barcelona, Spain

366. deCODE genetics, Reykjavik, Iceland

367. GENYO. Centre for Genomics and Oncological Research: Pfizer / University of Granada / Andalusian Regional Government, Parque Tecnológico de la Salud, Granada, Spain

368. Mucosal Immunology Lab. Unidad de Excelencia Instituto de Biomedicina y Genética Molecular de Valladolid (IBGM, Universidad de Valladolid-CSIC). Valladolid. Spain

369. Centro de Investigaciones Biomédicas en Red de Enfermedades Hepáticas y Digestivas (CIBERehd). Madrid, Spain

370. Valladolid University Hospital, Valladolid, Spain

371. Estonian Genome Centre, Institute of Genomics, University of Tartu, Tartu, Estonia

372. SYNLAB Estonia, University of Tartu, Tartu, Estonia

373. Kuressaare Hospital and University of Tartu, Tartu, Estonia

374. Kuressaare Hospital, Kuressaare, Estonia

375. Institute of Biomedicine and Translational Medicine, University of Tartu

376. Institute of Biomedicine and Translational Medicine, University of Tartu, Tartu, Estonia

377. West Tallinn Central Hospital, Tallinn, Estonia

378. University of Tartu, Tartu University Hospital, Tartu, Estonia

379. Estonian Health Insurance Fund, Tallinn, Estonia

380. Tartu University Hospital, Tartu, Estonia

381. FinnGen, Helsinki, Finland

382. Finnish Institute for Health and Welfare (THL), Helsinki, Finland

383. University of Helsinki, Faculty of Medicine, Clinical and Molecular Metabolism Research Program, Helsinki, Finland

384. Institute of Molecular and Clinical Ophthalmology Basel (IOB), Basel, Switzerland

385. Department of Ophthalmology, University of Basel, Basel, Switzerland

386. Infectious Diseases Service, Department of Medicine, University Hospital and University of Lausanne, Lausanne, Switzerland

387. Infectious Diseases Service, Department of Medicine, University Hospital, University of Lausanne, Lausanne, Switzerland

388. Centre for Primary Care and Public Health, University of Lausanne, Lausanne, Switzerland.

389. Division of Infectious Diseases and Hospital Epidemiology, Cantonal Hospital St Gallen, St Gallen, Switzerland.

390. Division of Intensive Care, Geneva University Hospitals and the University of Geneva Faculty of Medicine, Geneva, Switzerland.

391. Infectious Disease Service, Department of Internal Medicine, Geneva University Hospital, Geneva, Switzerland.

392. Clinique de Médecine et spécialités, Infectiologie, HFR-Fribourg, Fribourg, Switzerland

393. Infectious Diseases Division, University Hospital Centre of the canton of Vaud, hospital of Valais, Sion, Switzerland

394. Functional Host Genomics of Infectious Diseases, University Hospital and University of Lausanne, Lausanne, Switzerland

395. Registry COVID, University Hospital and University of Lausanne, Lausanne, Switzerland

396. Pneumonia prediction using lung ultrasound, University Hospital and University of Lausanne, Lausanne, Switzerland

397. Center for Primary Care and Public Health (Unisanté), University of Lausanne, Lausanne, Switzerland

398. Covid-19 Risk Prediction in Swiss ICUs-Trial, Division of Infectious Diseases and Hospital Epidemiology, Cantonal Hospital St Gallen, St Gallen, Switzerland.

399. GCAT-Genomes for Life, Germans Trias i Pujol Health Sciences Research Institute (IGTP), Crta. de Can Ruti, Cami de les Escoles s/n.08916 Badalona, Catalonia

400. Catalan Institute of Oncology,Bellvitge Biomedical Research Institute, Consortium for Biomedical Research in Epidemiology and Public Health and University of Barcelona, Barcelona, Spain

401. Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS).Life & Medical Sciences \*currently at Programs in Metabolism and Medical and Population Genetics, Broad Institute of MIT and Harvard, Cambridge, MA, USA and Diabetes Unit and Center for Genomic Medicine, Massachusetts General Hospital, Boston, MA, USA. Harvard Medical School, Boston, Massachusetts, USA

402. Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS).Life & Medical Sciences, Barcelona, Spain

403. ICREA Research Professor at Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS).Life & Medical Sciences, Barcelona, Spain

404. University of Siena, DIISM-SAILAB, Siena, Italy

405. Université Côte d’Azur, Inria, CNRS, I3S, Maasai

406. Medical Genetics, University of Siena, Italy

407. Med Biotech Hub and Competence Center, Department of Medical Biotechnologies, University of Siena, Siena, Italy

408. Division of Infectious Diseases and Immunology, Department of Medical Sciences and Infectious Diseases, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

409. Department of Internal Medicine and Therapeutics, University of Pavia, Italy

410. Department of Infectious and Tropical Diseases, University of Brescia and ASST Spedali Civili Hospital, Brescia, Italy

411. Chirurgia Vascolare, Ospedale Maggiore di Crema, Crema, Italy

412. III Infectious Diseases Unit, ASST-FBF-Sacco, Milan, Italy

413. Department of Biomedical and Clinical Sciences Luigi Sacco, University of Milan, Milan, Italy

414. Dept of Specialized and Internal Medicine, Tropical and Infectious Diseases Unit, Azienda Ospedaliera Universitaria Senese, Siena, Italy

415. Unit of Respiratory Diseases and Lung Transplantation, Department of Internal and Specialist Medicine, University of Siena, Siena, Italy

416. Dept of Emergency and Urgency, Medicine, Surgery and Neurosciences, Unit of Intensive Care Medicine, Siena University Hospital, Siena, Italy

417. Department of Medical, Surgical and Neuro Sciences and Radiological Sciences, Unit of Diagnostic Imaging, University of Siena, Siena, Italy

418. Rheumatology Unit, Department of Medicine, Surgery and Neurosciences, University of Siena, Policlinico Le Scotte, Siena, Italy

419. Department of Specialized and Internal Medicine, Infectious Diseases Unit, San Donato Hospital Arezzo, Arezzo, Italy

420. Dept of Emergency, Anesthesia Unit, San Donato Hospital, Arezzo, Italy

421. Department of Specialized and Internal Medicine, Pneumology Unit and UTIP, San Donato Hospital, Arezzo, Italy

422. Department of Emergency, Anesthesia Unit, Misericordia Hospital, Grosseto, Italy

423. Department of Specialized and Internal Medicine, Infectious Diseases Unit, Misericordia Hospital, Grosseto, Italy

424. Department of Preventive Medicine, Azienda USL Toscana Sud Est, Arezzo, Italy

425. Clinical Chemical Analysis Laboratory, Misericordia Hospital, Grosseto, Italy

426. Territorial Scientific Technician Department, Azienda USL Toscana Sud Est, Arezzo, Italy

427. Clinical Chemical Analysis Laboratory, San Donato Hospital, Arezzo, Italy

428. Department of Health Sciences, Clinic of Infectious Diseases, ASST Santi Paolo e Carlo, University of Milan, Milan, Italy

429. Department of Anesthesia and Intensive Care, University of Modena and Reggio Emilia, Modena, Italy

430. HIV/AIDS Department, National Institute for Infectious Diseases, IRCCS, Lazzaro Spallanzani, Rome, Italy

431. Infectious Diseases Clinic, Department of Medicine 2, Azienda Ospedaliera di Perugia and University of Perugia, Santa Maria Hospital, Perugia, Italy

432. Infectious Diseases Clinic, "Santa Maria" Hospital, University of Perugia, Perugia, Italy

433. Department of Infectious Diseases, Treviso Hospital, Local Health Unit 2 Marca Trevigiana, Treviso, Italy

434. Clinical Infectious Diseases, Mestre Hospital, Venezia, Italy

435. Infectious Diseases Clinic, ULSS1, Belluno, Italy

436. Medical Genetics and Laboratory of Medical Genetics Unit, A.O.R.N. "Antonio Cardarelli", Naples, Italy

437. Department of Molecular Medicine and Medical Biotechnology, University of Naples Federico II, Naples, Italy

438. CEINGE Biotecnologie Avanzate, Naples, Italy

439. IRCCS SDN, Naples, Italy

440. Unit of Respiratory Physiopathology, AORN dei Colli, Monaldi Hospital, Naples, Italy

441. Division of Medical Genetics, Fondazione IRCCS Casa Sollievo della Sofferenza Hospital, San Giovanni Rotondo, Italy

442. Department of Medical Sciences, Fondazione IRCCS Casa Sollievo della Sofferenza Hospital, San Giovanni Rotondo, Italy

443. Infectious Diseases Clinic, Policlinico San Martino Hospital, IRCCS for Cancer Research, Genova, Italy

444. Microbiology, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Catholic University of Medicine, Rome, Italy

445. Department of Laboratory Sciences and Infectious Diseases, Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome, Italy

446. Department of Cardiovascular Diseases, University of Siena, Siena, Italy

447. Otolaryngology Unit, University of Siena, Italy

448. Department of Internal Medicine, ASST Valtellina e Alto Lario, Sondrio, Italy

449. First Aid Department, Luigi Curto Hospital, Polla, Salerno, Italy

450. U.O.C. Laboratorio di Genetica Umana, IRCCS Istituto G. Gaslini, Genova, Italy

451. Infectious Diseases Clinics, University of Modena and Reggio Emilia, Modena, Italy

452. Department of Respiratory Diseases, Azienda Ospedaliera di Cremona, Cremona, Italy

453. U.O.C. Medicina, ASST Nord Milano, Ospedale Bassini, Cinisello Balsamo (MI), Italy

454. Istituto Auxologico Italiano, IRCCS, Department of Cardiovascular, Neural and Metabolic Sciences, San Luca Hospital, Milan, Italy

455. Department of Medicine and Surgery, University of Milano-Bicocca, Milan, Italy

456. Istituto Auxologico Italiano, IRCCS, Center for Cardiac Arrhythmias of Genetic Origin, Milan, Italy

457. Istituto Auxologico Italiano, IRCCS, Laboratory of Cardiovascular Genetics, Milan, Italy

458. Unit of Infectious Diseases, ASST Papa Giovanni XXIII Hospital, Bergamo, Italy

459. Istituti Clinici Scientifici Maugeri IRCCS, Department of Cardiology, Institute of Montescano, Pavia, Italy

460. Istituti Clinici Scientifici Maugeri, IRCCS, Department of Cardiac Rehabilitation, Institute of Tradate (VA), Italy

461. Cardiac Rehabilitation Unit, Fondazione Salvatore Maugeri, IRCCS, Scientific Institute of Milan, Milan, Italy

462. IRCCS C. Mondino Foundation, Pavia, Italy

463. Medical Genetics Unit, Meyer Children's University Hospital, Florence, Italy

464. Department of Medicine, Pneumology Unit, Misericordia Hospital, Grosseto, Italy

465. Department of Preventive Medicine, Azienda USL Toscana Sud Est, Italy

466. Department of Anesthesia and Intensive Care Unit, ASST Fatebenefratelli Sacco, Luigi Sacco Hospital, Polo Universitario, University of Milan, Milan, Italy

467. Health Management, Azienda USL Toscana Sudest, Tuscany, Italy

468. Department of Mathematics, University of Pavia, Pavia, Italy

469. Independent Data Scientist, Milan, Italy

470. Scuola Normale Superiore, Pisa, Italy

471. CNR-Consiglio Nazionale delle Ricerche, Istituto di Biologia e Biotecnologia Agraria (IBBA), Milano, Italy

472. CNR-Consiglio Nazionale delle Ricerche, Istituto di Biologia e Biotecnologia Agraria (IBBA), Milano, Italy

473. Veos Digital, Milan, Italy

474. Med Biotech Hub and Competence Center, Department of Medical Biotechnologies, University of Siena,Siena, Italy Italy

475. Core Research Laboratory, ISPRO, Florence, Italy

476. Analytic & Translational Genetics Unit, Massachusetts General Hospital, Boston, MA, USA. Stanley Center for Psychiatric Research & Program in Medical and Population Genetics, Broad Institute of MIT and Harvard, Cambridge, MA, USA

477. Genetica Medica, Azienda Ospedaliero-Universitaria Senese, Siena, Italy

478. Division of Infectious Diseases and Immunology, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

479. Department of Molecular and Translational Medicine, University of Brescia, Italy

480. Clinical Chemistry Laboratory, Cytogenetics and Molecular Genetics Section, Diagnostic Department, ASST Spedali Civili di Brescia, Italy

481. Department of Medical and Surgical Sciences for Children and Adults, University of Modena and Reggio Emilia, Modena, Italy

482. Department of Molecular Medicine, University of Padova, Italy

483. Laboratory of Regulatory and Functional Genomics, Fondazione IRCCS Casa Sollievo della Sofferenza, San Giovanni Rotondo (Foggia), Italy

484. Clinical Trial Office, Fondazione IRCCS Casa Sollievo della Sofferenza Hospital, San Giovanni Rotondo, Italy

485. Department of Health Sciences, University of Genova, Genova, Italy

486. Study Coordinator Oncologia Medica e Ufficio Flussi Sondrio, Italy

487. Local Health Unit-Pharmaceutical Department of Grosseto, Toscana Sud Est Local Health Unit, Grosseto, Italy

488. Independent Scientist, Milan, Italy

489. Direzione Scientifica, Istituti Clinici Scientifici Maugeri IRCCS, Pavia, Italy

490. Fondazione per la ricerca Ospedale di Bergamo, Bergamo, Italy

491. Allelica Inc, New York, NY, USA

492. Dept of Specialized and Internal Medicine, Tropical and Infectious Diseases Unit, Azienda Ospedaliera Universitaria Senese, Siena, Italy

493. School of Basic and Medical Biosciences, Faculty of Life Sciences and Medicine, King's College London, London, United Kingdom

494. Medical and Population Genomics, Wellcome Sanger Institute, Hinxton, UK

495. Bradford Institute for Health Research, Bradford Teaching Hospitals National Health Service (NHS) Foundation Trust, Bradford, UK

496. Blizard Institute, 4 Newark Street, Queen Mary University of London

497. Institute of Population Health Sciences, 4 Newark Street, Queen Mary University of London, London, United Kingdom

498. Genes & Health, Blizard Institute, Queen Mary University of London, E1 2AT, London, United Kingdom

499. Institute of Population Health Sciences, 4 Newark Street, Queen Mary University of London

500. Department of Biostatistics, University of Michigan, Ann Arbor, MI, USA

501. Heart Institute (InCor)/Univ Sao Paulo Med Sch, São Paulo, Brazil

502. Genentech, San Fransisco, CA, USA

503. DNA Link, Seoul, Republic of Korea

504. Seoul National University Hospital Gangnam Center, Seoul, Republic of Korea

505. Division of Infectious Diseases, Department of Internal Medicine, Chungnam National University School of Medicine, Daejeon, Republic of Korea

506. Division of Infectious Disease, Department of Internal Medicine, Chungnam National Univsersity School of Medicine, Daejeon, Republic of Korea

507. Department of Internal Medicine, School of Medicine, Kyungpook National University, Daegu, Republic of Korea

508. Incheon Medical Center, Incheon, Republic of Korea

509. Department of Infectious disease, Keimyung university Dongsan hospital, Keimyung University School of Medicine, Daegu, Republic of Korea

510. Department of Internal Medicine, Pusan National University School of Medicine and Medical Research Institute, Pusan National University Hospital, Busan, Republic of Korea.

511. Myongji Hospital, Goyang, Republic of Korea

512. Gradate School of Public Health, Yonsei University, Seoul, Republic of Korea

513. Stanford University, Division of Cardiovascular Medicine, Stanford, USA

514. Stanford University, Departments of Medicine and Genetics, Stanford, USA

515. Stanford University, Division of Cardiovascular Medicine , Stanford, USA

516. Stanford University, Department of Biomedical Data Science, Stanford, USA

517. Stanford University, Departments of Genetics and Biomedical Data Science, Stanford, USA

518. Stanford University, Department of Pathology, Stanford, USA

519. Illumina, Inc, San Diego, CA, USA

520. Computational Biology, Drug Discovery Sciences, Takeda Pharmaceuticals, Boston, MA, USA

521. Department of Computational Biology, and Swiss Institute of Bioinformatics (SIB), University of Lausanne, Lausanne, Switzerland

522. Stanford University, Dept of Pathology, Stanford, USA

523. Royal Victoria Hospital, Belfast, NI

524. Chelsea & Westminster NHS Foundation Trust, London, UK

525. Northampton General Hospital NHS Trust, Northampton, UK

526. Wrexham Maelor Hospital, Wrexham, Wales

527. University College Dublin, St Vincent's University Hospital, Dublin, Ireland

528. University Hospitals Coventry & Warwickshire NHS Trust, Coventry, UK

529. Watford General Hospital, Watford, UK

530. NIHR Health Protection Research Unit, Institute of Infection, Veterinary and Ecological Sciences, Faculty of Health and Life Sciences, University of Liverpool, Liverpool, UK

531. Queen Alexandra Hospital (Hampshire), Portsmouth Hospital Trust, Hampshire, UK

532. Princess Royal Hospital, Brighton & Sussex Universities Hospitals NHS Trust, Brighton, UK

533. Bassettlaw Hospital, Doncaster and Bassetlaw, Nottinghamshire, UK

534. Darent Valley Hospital, Dartford & Gravesham NHS Trust, Kent, UK

535. High Containment Laboratories, University of Birmingham, Birmingham, UK

536. Queen Elizabeth the Queen Mother Hospital, Margate, East Kent Hospitals NHS Foundation Trust, Kent, UK

537. John Radcliffe Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK

538. Royal Albert Edward Infirmary (Wigan), Wrightington, Wigan and Leigh, Wigan, UK

539. Manchester Royal Infirmary, Manchester University Hospitals NHS Foundation Trust, Manchester, UK

540. Furness General Hospital, Morecambe Bay NHS Foundation Trust, Cumbria, UK

541. Castle Hill Hospital , Hull University Teaching Hospital Trust, Hull, UK

542. Hillingdon Hospital, Hillingdon Hospital, London, UK

543. St Thomas Hospital, Guys and St Thomas Foundation Trust, London, UK

544. University Hospitals Coventry and Warwickshire, Coventry, UK

545. St Michaels Hospital (Bristol), University Hospitals Bristol and Weston NHS Foundation Trust, Bristol, UK

546. Stepping Hill Hospital, Stockport NHS Foundation Trust, Manchester, UK

547. Royal Liverpool Hospital, Liverpool University Hospitals NHS Foundation Trust, Liverpool, UK

548. Bristol Royal Hospital (Children's), University Hospitals Bristol and Weston NHS Foundation Trust, Bristol, UK

549. Scarborough Hospital, York teaching Hospitals NHS Foundation Trust, York, UK

550. Liverpool Heart & Chest Hospital, Liverpool Heart & Chest NHS Foundation Trust, Liverpool, UK

551. James Paget University Hospital, James Paget University Hospitals NHS Foundation Trust, Norfolk, UK

552. The James Cook University Hospital, South Tees NHS Foundation Trust, Middlesborough, UK

553. Aberdeen Royal Infirmary, Grampian, Aberdeen, UK

554. University of Edinburgh, Edinburgh, UK

555. Royal Devon and Exeter Hospital, Royal Devon and Exeter NHS Foudation Trust, Exeter, UK

556. Worcestershire Royal Hospital, Worcestershire Acute Hospitals NHS Trust, Worcester, UK

557. Conquest Hospital, Hastings, East Sussex Healthcare NHS Trust, Sussex, UK

558. Dorset County Hospital, Dorset County Hospital NHS Foundation Trust, Dorset, UK

559. Royal Bournemouth General Hospital, University Hospitals Dorset NHS Foundation Trust, Bournemouth, UK

560. Harrogate Hospital, Harrogate and District NHS Foundation Trust, Harrogate, UK

561. Burnley General Teaching Hospital, East Lancashire Hospitals NHS Hospitals, Burnley, UK

562. Torbay Hospital, Torbay & South Devon NHS Foundation Trust, Torquay, UK

563. Royal Hallamshire Hospital, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, UK

564. St Georges Hospital (Tooting), St Georges University Hospitals NHS Foundation Trust, London, UK

565. Blackpool Victoria Hospital, Blackpool Teaching Hospitals NHS Foundation Trust, Blackpool, UK

566. The Royal London Hospital, Barts Health NHS Trust, London, UK

567. Salford Royal NHS Foundation Trust, Salford Royal NHS Foundation Trust, Manchester, UK

568. University Hospital of North Durham, County Durham and Darlington Foundation Trust, Durham, UK

569. Norfolk & Norwich University Hospital , Norfolk and Norwich University Hospital NHS Foundation Trust, Norfolk, UK

570. Salisbury District Hospital, Salisbury NHS Foundation Trust, Salisbury, UK

571. St Thomas, Guys and St Thomas Foundation Trust, London, UK

572. Fairfield General Hospital, Pennine Acute Hospitals NHS Trust, Manchester, UK

573. Hereford County Hospital, Wye Valley NHS Trust, Hereford, UK

574. Southampton General Hospital, University Hospital Southampton NHS Foundation Trust, Southampton, UK

575. Northampton General Hospital, Northampton General Hospital NHS Trust, Northampton, UK

576. University Hospital of Wales, Cardiff and Vale University Health Board, Cardiff, UK

577. University of Bristol, Bristol, UK

578. Leighton Hospital, Mid Cheshire Hospitals NHS Foundation Trust, Cheshire, UK

579. Diana Princess of Wales Hospital (Grimsby), North Lincolnshire & Goole, Grimsby, UK

580. Manor Hospital, Walsall Healthcare NHS Trust, Walsall, UK

581. Addenbrookes Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

582. West Suffolk Hospital, West Suffolk Hospital NHS Foundation Trust, Suffolk, UK

583. Basingstoke and North Hampshire Hospital, Hampshire Hospitals NHS Foundation Trust, Hampshire, UK

584. North Cumbria Integrated Care NHS Foundation Trust, Cumbria, UK

585. Warwick Hospital, South Warwickshire NHS Foundation Trust, Warwick, UK

586. Birmingham Women and Children's Hospital , Birmingham Womens Childrens Hospital, Birmingham, UK

587. Nottingham City Hospital, Nottingham University Hospitals NHS Trust, Nottingham, UK

588. Glangwili Hospital Child Health Section, Hywel Dda University Health Board, Carmarthen, UK

589. Alder Hey Children's Hospital, Alder Hey Children's NHS Foundation Trust, Liverpool, UK

590. Bronglais General Hospital, Hywel Dda University Health Board, Aberystwyth, UK

591. Worthing Hospital, Western Sussex Hospitals NHS Foundation Trust, Sussex, UK

592. Rotheram District General Hospital, The Rotheram NHS Foundation Trust, Rotherham, UK

593. Royal Free Hospital, Royal Free London NHS Foundation Trust, London, UK

594. Homerton Hospital, Homerton University Hospital NHS Foundation Trust, London, UK

595. Airedale Hospital, Airedale NHS Foundation Trust, Keighley, UK

596. Basildon Hospital, Basildon and Thurrock University Hospitals NHS Foundation Trust, Essex, UK

597. The Christie NHS Foundation Trus, The Christie NHS Foundation Trust, Manchester, UK

598. Queen Elizabeth Hospital (Greenwich), Lewisham and Greenwich NHS Trust, London, UK

599. The Whittington Hospital, Whittington Health NHS Trust, London, UK

600. Sheffield Childrens Hospital , Sheffield Children's NHS Foundation Trust, Sheffield, UK

601. Royal United Hospital, Bath, Royal United Hospitals Bath NHS Foundation Trust, Bath, UK

602. Western General Hospital, Edinburgh, Lothian, UK

603. Mid and South Essex NHS Foundation Trust, Essex, UK

604. Hinchingbrooke Hospital, North West Anglia NHS Foundation Trust, Peterborough, UK

605. Royal Preston Hospital, Lancashire Teaching Hospitals NHS Foundation Trust, Preston, UK

606. University Hospital (Coventry) , University Hospitals Coventry and Warwickshire, Coventry, UK

607. The Walton Centre, The Walton Centre, Liverpool, UK

608. Hull Royal Infirmary, Hull University Teaching Hospital Trust, Hull, UK

609. Darlington Memorial Hospital, County Durham and Darlington Foundation Trust, Darlington, UK

610. Queen Elizabeth Hospital (Gateshead), Gateshead NHS Foundation Trust, Newcastle, UK

611. Warrington Hospital, Warrington & Halton Hospitals NHS Foundation Trust, Warrington, UK

612. University Hospitals Bristol and Weston NHS Foundation Trust, Bristol, UK

613. St Mary's Hospital (Isle of Wight), Isle of Wight NHS Trust, Isle of Wight, UK

614. The Maidstone Hospital, Maidstone & Tunbridge Wells NHS Trust, Maidstone, UK

615. Huddersfield Royal, Calderdale and Huddersfield NHS Foundation Trust, Huddersfield, UK

616. Royal Surrey County Hospital, Surrey, UK

617. Countess of Chester Hospital, Countess of Chester Hospital NHS Foundation Trust, Chester, UK

618. Frimley Park Hospital, Frimley Health Foundation Trust, Surrey, UK

619. Royal Hallamshire Hospital, Sheffield Teaching Hospitals NHS FoundationTrust, Sheffield, UK

620. Leeds General Infirmary, Leeds Teaching Hospitals, Leeds, UK

621. North Middlesex Hospital, North Middlesex University Hospital NHS Trust, London, UK

622. Arrowe Park Hospital, Wirral University Teaching Hospital NHS Foundation Trust, Wirral, UK

623. Great Ormond Street Hospital, Great Ormond Street Hospital for Children NHS Foundation Trust, London, UK

624. Royal Shrewsbury Hospital, Shrewsbury and Telford Hospital NHS Trust, Shropshire, UK

625. East Surrey Hospital (Redhill), Surrey & Sussex Healthcare, Surrey, UK

626. Burton Hospital, University Hospitals of Derby & Burton NHS Foundation Trust, Burtom, UK

627. Kent and Canterbury Hospital, East Kent Hospitals NHS Foundation Trust, Kent, UK

628. Weston Area General Trust, University Hospitals Bristol and Weston NHS Foundation Trust, Bristol, UK

629. Luton and Dunstable University Hospital, Bedford, UK

630. Glasgow Royal Infirmary, Greater Glasgow and Clyde, Glasgow, UK

631. Derbyshire Healthcare, Derbyshire Healthcare, Derby, UK

632. Macclesfield General Hospital, East Cheshire NHS Foundation Trust, Cheshire, UK

633. Chelsea and Westminster Hospital, Chelsea and Westminster NHS Trust, London, UK

634. Institute of Microbiology and Infection, University of Birmingham, Birmingham, UK

635. Prince Philip Hospital, Hwyel Dda University Health Board, Llanelli, Wales

636. George Eliot Hospital - Acute Services, George Eliot Hospital, Nuneaton, UK

637. Kettering General Hospital, Kettering General Hospital NHS Foundation Trust, Kettering, UK

638. Heartlands Hospital, Birmingham, Birmingham, UK

639. Russells Hall Hospital, The Dudley Group NHS Foundation Trust, Dudley, UK

640. Harefield Hospital , Royal Brompton & Harefield Trust, London, UK

641. Lister Hospital, East and North Hertfordshire NHS Trust, Stevenage, UK

642. Musgrove Park Hospital (Taunton & Somerset), Somerset NHS Foundation Trust, Somerset, UK

643. Queen's Hospital, Havering (Romford), Barking, Havering and Redbridge University Hospitals NHS Trust, London, UK

644. Southport & Formby District General Hospital, Southport and Ormskirk Hospital NHS Trust, Southport, UK

645. New Cross Hospital, The Royal Wolverhampton NHS Trust, Wolverhampton, UK

646. Kings College Hospital (Denmark Hill), London, UK

647. The Royal Victoria Infirmary, Newcastle Hospitals NHS Trust, Newcastle, UK

648. The Great Western Hospital, Great Western Hospitals NHS Foundation Trust, Swindon, UK

649. Ninewells Hospital, Tayside, Dundee, UK

650. Poole Hospital NHS Trust, Dorset, UK

651. Burton Hospital, University Hospitals of Derby & Burton NHS Foundation Trust, Derby, UK

652. William Harvey Hospital, Ashford, East Kent Hospitals NHS Foundation Trust, Kent, UK

653. Kings Mill Hospital, Sherwood Forest Hospitals NHS Foundation Trust, Nottinghamshire, UK

654. Liverpool Women's NHS Foundation Trust, Liverpool, UK

655. Dewsbury Hospital, Mid Yorkshire Hospitals NHS Trust, Dewsbury, UK

656. Northern Devon District Hospital, Northern Devon Healthcare NHS Trust, Devon, UK

657. Tameside General Hospital, Tameside and Glossop Integrated Care NHS Foundation Trust, Manchester, UK

658. Sandwell General Hospital, Sandwell And West Birmingham Hospitals NHS Trust, Birmingham, UK

659. Broomfield Hospital, Mid and South Essex University Hospitals Group, Essex, UK

660. Wycombe Hospital, Buckingham Healthcare NHS Trust, Buckinghamshire, UK

661. University Hospital of North Tees, North Tees and Hartlepool NHS Trust, Stockton-on-Tees, UK

662. Royal Manchester Children's Hospital, Manchester University Hospitals NHS Foundation Trust, Manchester, UK

663. Bedford Hospital, Bedford, UK

664. Colchester General Hospital, East Suffolk and North Essex Foundation Trust, Essex, UK

665. Queen Elizabeth Hospital (Birmingham) and Heartlands, University Hospital Birmingham NHS Foundation Trust, Birmingham, UK

666. Chesterfield Royal Hospital, Chesterfield Royal Hospital NHS Foundation Trust, Chesterfield, UK

667. Princess Alexandra Hospital, The Princess Alexandra Hospital NHS Trust, Essex, UK

668. Watford General Hospital, West Hertfordshire Hospitals NHS Trust, Watford, UK

669. Milton Keynes Hospital, Milton Keynes University Hospital NHS Foundation Trust, Milton Keynes, UK

670. Royal Bolton General Hospital, Bolton Foundation Trust, Bolton, UK

671. Royal Gwent (Newport), Aneurin Bevan University Health Board, Newport, UK

672. The Royal Marsden Hospital (London), The Royal Marsden NHS Foundation Trust, London, UK

673. Queen Victoria Hospital (East Grinstead), Queen Victoria Hospital NHS Foundation Trust, Sussex, UK

674. County Hospital (Stafford), University Hospitals Of North Midlands NHS Trust, Stafford, UK

675. Whiston Hospital, St Helen's & Knowlsey Hospitals NHS Trust, Prescot, UK

676. Croydon University Hospital, Croydon University Hospital, London, UK

677. Gloucester Royal, Gloucestershire Hospitals NHS Foundation Trust, Gloucester, UK

678. Medway Maritime Hospital, Medway Maritime NHS Trust, Kent, UK

679. Royal Papworth Hospital Everard, Royal Papworth Hospital NHS Foundation Trust, Cambridge, UK

680. Derriford (Plymouth), University Hospital Plymouth NHS Trust, Plymouth, UK

681. St Helier Hospital, Epsom and St Helier University Hospital NHS Trust, London, UK

682. Royal Berkshire Hospital, Royal Berkshire Foundation Trust, London, UK

683. Bradford Royal Infirmary, Bradford Teaching Hospitals NHS Foundation Trust, Bradford, UK

684. Northwick Park, London North West University Hospital Trust, London, UK

685. Ealing Hospital, London North West University Hospital Trust, London, UK

686. Royal Cornwall Hospital (Tresliske), Royal Cornwall NHS Trust, Cornwall, UK

687. Ashford Hospital, Ashford & St. Peter's Hospital, Surrey, UK

688. Leicester Royal Infirmary (Includes Glenfield Site), University Hospitals of Leicester, Leicester, UK

689. Grantham and District Hospital, United Lincolnshire Hospitals NHS Trust, Grantham, UK

690. University Hospital Aintree, Liverpool University Hospitals NHS Foundation Trust, Liverpool, UK

691. North Tyneside General Hospital, Northumbria Healthcare NHS Trust, Northumbria, UK

692. Queen Elizabeth Hospital (King's Lynn), Queen Elizabeth Hospital, King's Lynn, NHS Foundation Trust, Norfolk, UK

693. The Crick Institute, London, UK

694. Genomics England, London, UK

695. William Harvey Research Institute, Barts and the London School of Medicine and Dentistry, Queen Mary University of London, London EC1M 6BQ, UK.

696. Centre for Genomic and Experimental Medicine, Institute of Genetics and Molecular Medicine, University of Edinburgh, Western General Hospital, Crewe Road, Edinburgh, EH4 2XU, UK

697. Intensive Care National Audit & Research Centre, London, UK

698. Intensive Care Unit, Royal Infirmary of Edinburgh, 54 Little France Drive, Edinburgh, EH16 5SA, UK.

699. MRC Human Genetics Unit, Institute of Genetics and Molecular Medicine, University of Edinburgh, Western General Hospital, Crewe Road, Edinburgh, EH4 2XU, UK.

700. Wellcome Centre for Human Genetics, University of Oxford, Oxford, UK.

701. Genomics England, London, UK.

702. Roslin Institute, University of Edinburgh, Easter Bush, Edinburgh, EH25 9RG, UK.

703. Centre for Genomic and Experimental Medicine, Institute of Genetics and Molecular Medicine, University of Edinburgh, Western General Hospital, Crewe Road, Edinburgh, EH4 2XU, UK.

704. Intensive Care National Audit & Research Centre, London, UK.

705. Centre for Inflammation Research, The Queen's Medical Research Institute, University of Edinburgh, 47 Little France Crescent, Edinburgh, UK

706. Great Ormond Street Hospital for Children NHS Foundation Trust, London, UK.

707. Biostatistics Group, School of Life Sciences, Sun Yat-sen University, Guangzhou, China

708. Centre for Global Health Research, Usher Institute of Population Health Sciences and Informatics, Teviot Place, Edinburgh EH8 9AG, UK

709. Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden

710. Institute for Molecular Bioscience, The University of Queensland, Brisbane, Australia

711. School of Life Sciences, Westlake University, Hangzhou, Zhejiang 310024, China

712. Westlake Laboratory of Life Sciences and Biomedicine, Hangzhou, Zhejiang 310024, China

713. Biostatistics Group, School of Life Sciences, Sun Yat-sen University, Guangzhou, China.

714. Centre for Medical Informatics, The Usher Institute, University of Edinburgh, Edinburgh, UK

715. Liverpool Clinical Trials Centre, University of Liverpool, Liverpool, UK

716. Centre for Health Informatics, Division of Informatics, Imaging and Data Science, School of Health Sciences, Faculty of Biology, Medicine and Health, University of Manchester, Manchester Academic Health Science Centre, Manchester, UK

717. MRC Human Genetics Unit, MRC Institute of Genetics and Molecular Medicine, University of Edinburgh, Edinburgh, UK

718. School of Informatics, University of Edinburgh, Edinburgh, UK

719. Royal Hospital for Children, Glasgow, UK

720. William Harvey Research Institute, Barts and the London School of Medicine and Dentistry, Queen Mary University of London, London EC1M 6BQ, UK

721. MRC-University of Glasgow Centre for Virus Research, Institute of Infection, Immunity and Inflammation, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow, UK

722. Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Old Road Campus, Roosevelt Drive, Oxford, OX3 7FZ, UK

723. Wellcome Centre for Human Genetics, University of Oxford, Oxford, UK

724. Department of Anaesthesia and Intensive Care, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong, China

725. Department of Critical Care Medicine, Queen's University and Kingston Health Sciences Centre, Kingston, ON, Canada

726. Wellcome-Wolfson Institute for Experimental Medicine, Queen's University Belfast, Belfast, Northern Ireland, UK

727. Department of Intensive Care Medicine, Royal Victoria Hospital, Belfast, Northern Ireland, UK

728. UCL Centre for Human Health and Performance, London, W1T 7HA, UK

729. Clinical Research Centre at St Vincent's University Hospital, University College Dublin, Dublin, Ireland

730. National Heart and Lung Institute, Imperial College London, London, UK

731. Imperial College Healthcare NHS Trust:London,London,UK

732. NIHR Health Protection Research Unit for Emerging and Zoonotic Infections, Institute of Infection, Veterinary and Ecological Sciences University of Liverpool, Liverpool, L69 7BE, UK

733. Respiratory Medicine, Alder Hey Children's Hospital, Institute in The Park, University of Liverpool, Alder Hey Children's Hospital, Liverpool, UK

734. Department of Intensive Care Medicine, Guy's and St. Thomas NHS Foundation Trust, London, UK

735. Department of Medicine, University of Cambridge, Cambridge, UK

736. Airedale General Hospital, Keighley, UK

737. Barts Health NHS Trust, London, UK

738. Basildon Hospital, Basildon, UK

739. BHRUT (Barking Havering) - Queens Hospital and King George Hospital, Essex, UK

740. Bradford Royal Infirmary, Bradford, UK

741. Bronglais General Hospital, Aberystwyth, UK

742. Broomfield Hospital, Chelmsford, UK

743. Calderdale Royal Hospital, Halifax, UK

744. Charing Cross Hospital, St Mary's Hospital and Hammersmith Hospital, London, UK

745. Barnet Hospital, London, UK

746. Birmingham Children's Hospital, Birmingham, UK

747. St John's Hospital Livingston, Livingston, UK

748. Aberdeen Royal Infirmary, Aberdeen, UK

749. Addenbrooke's Hospital, Cambridge, UK

750. Aintree University Hospital, Liverpool, UK

751. aintree University Hospital, Liverpool, UK

752. Arrowe Park Hospital, Wirral, UK

753. Ashford and St Peter's Hospital, Surrey, UK

754. Basingstoke and North Hampshire Hospital, Basingstoke, UK

755. Borders General Hospital, Melrose, UK

756. Chesterfield Royal Hospital Foundation Trust, Chesterfield, UK

757. Eastbourne District General Hospital, East Sussex, UK and Conquest Hospital, East Sussex, UK

758. Barnsley Hospital, Barnsley, UK

759. Blackpool Victoria Hospital, Blackpool, UK

760. East Surrey Hospital, Redhill, UK

761. Good Hope Hospital, Birmingham, UK

762. Hereford County Hospital, Hereford, UK

763. Hull Royal Infirmary, Hull, UK

764. Hull Royal Infirmary, Hull, Uk

765. Kent & Canterbury Hospital, Canterbury, UK

766. Manchester Royal Infirmary, Manchester, UK

767. Nottingham University Hospital, Nottingham, UK

768. Pilgrim Hospital, Lincoln, UK

769. Queen Elizabeth Hospital, Birmingham, UK

770. Salford Royal Hospital, Manchester, UK

771. Tameside General Hospital, Ashton Under Lyne, UK

772. The Tunbridge Wells Hospital and Maidstone Hospital, Kent, UK

773. The Royal Oldham Hospital, Manchester, UK

774. The Royal Papworth Hospital, Cambridge, UK

775. University College Hospital, London, UK

776. Withybush General Hospital, Pembrokeshire, Wales

777. Wythenshawe Hospital, Manchester, UK

778. Yeovil Hospital, Yeovil, UK

779. Cumberland Infirmary, Carlisle, UK

780. Darent Valley Hospital, Dartford, UK

781. Dumfries and Galloway Royal Infirmary, Dumfries, UK

782. Ealing Hospital, Southall, UK

783. Fairfield General Hospital, Bury, UK

784. George Eliot Hospital NHS Trust, Nuneaton, UK

785. Glan Clwyd Hospital, Bodelwyddan, UK

786. Glangwili General Hospital, Camarthen, UK

787. The Great Western Hospital, Swindon, UK

788. Guys and St Thomas' Hospital, London, UK

789. Harefield Hospital, London, UK

790. Harrogate and District NHS Foundation Trust, Harrogate, UK

791. Heartlands Hospital, Birmingham, UK

792. James Paget University Hospital NHS Trust, Great Yarmouth, UK

793. King's College Hospital, London, UK

794. King's Mill Hospital, Nottingham, UK

795. Kingston Hospital, Surrey, UK

796. Lincoln County Hospital, Lincoln, UK

797. Liverpool Heart and Chest Hospital, Liverpool, UK

798. Macclesfield District General Hospital, Macclesfield, UK

799. Medway Maritime Hospital, Gillingham, UK

800. Milton Keynes University Hospital, Milton Keynes, UK

801. Morriston Hospital, Swansea, UK

802. National Hospital for Neurology and Neurosurgery, London, UK

803. Norfolk and Norwich University hospital (NNUH), Norwich, UK

804. North Middlesex University Hospital NHS trust, London, UK

805. north Middlesex University Hospital NHS trust, London, UK

806. Northumbria Healthcare NHS Foundation Trust, North Shields, UK

807. Peterborough City Hospital, Peterborough, UK

808. Prince Charles Hospital, Merthyr Tydfil, UK

809. Royal Sussex County Hospital, Brighton, UK

810. Princess Royal Hospital, Haywards Heath, UK

811. Princess of Wales Hospital, Llantrisant, UK

812. Queen Alexandra Hospital, Portsmouth, UK

813. Queen Elizabeth Hospital, Woolwich, London, UK

814. Queen Elizabeth the Queen Mother Hospital, Margate, UK

815. Queen Victoria Hospital, West Sussex, UK

816. Queens Hospital Burton, Burton-On-Trent, UK

817. Raigmore Hospital, Inverness, UK

818. Rotherham General Hospital, Rotherham, UK

819. Royal Blackburn Teaching Hospital, Blackburn, UK

820. Royal Preston Hospital, Preston, UK

821. Royal Surrey County Hospital, Guildford, UK

822. Royal Albert Edward Infirmary, Wigan, UK

823. The Royal Alexandra Children's Hospital, Brighton, UK

824. Royal Alexandra Hospital, Paisley, UK

825. Royal Bolton Hospital, Bolton, UK

826. University Hospitals Dorset NHS Foundation Trust

827. Royal Brompton Hospital, London, UK

828. Imperial College London, London, UK

829. Royal Cornwall Hospital, Truro, UK

830. Royal Free Hospital, London, UK

831. Royal Glamorgan Hospital, Pontyclun, UK

832. Royal Gwent Hospital, Newport, UK

833. Royal Hallamshire Hospital and Northern General Hospital, Sheffield, UK

834. Royal Hampshire County Hospital, Hampshire, UK

835. Royal Manchester Children's Hospital, Manchester, UK

836. Royal Stoke University Hospital, Staffordshire, UK

837. Salisbury District Hospital, Salisbury, UK

838. Sandwell General Hospital, Birmingham, UK

839. Scarborough General Hospital, Scarborough, UK

840. Scunthorpe General Hospital, Scunthorpe, UK

841. Southmead Hospital, Bristol, UK

842. St George's Hospital, London, UK

843. St Mary's Hospital, Newport, UK

844. Stoke Mandeville Hospital, Buckinghamshire, UK

845. Sunderland Royal Hospital, Sunderland, UK

846. Alexandra Hospital, Redditch and Worcester Royal Hospital, Worcester, UK

847. The Christie NHS Foundation Trust, Manchester, UK

848. The Queen Elizabeth Hospital, King's Lynn, UK

849. The Royal Liverpool University Hospital, Liverpool, UK

850. The Royal Marsden NHS Foundation Trust, London, UK

851. Torbay Hospital, Torquay, UK

852. University Hospital Monklands, Airdrie, UK

853. University Hospital Lewisham, London, UK

854. University Hospital North Durham, Darlington, UK

855. University Hospital of North Tees, Stockton on Tees, UK

856. University Hospital of Wales, Cardiff, UK

857. University Hospital Wishaw, Wishaw, UK

858. Victoria Hospital, Kirkcaldy, UK

859. Warrington General Hospital, Warrington, UK

860. West Cumberland Hospital, Whitehaven, UK

861. Western Sussex Hospitals, West Sussex, UK

862. Whiston Hospital, Prescot, UK

863. York Hospital, York, UK

864. Ysbyty Gwynedd, Bangor, UK

865. Countess of Chester Hospital, Chester, UK

866. Croydon University Hospital, Croydon, UK

867. Diana Princess of Wales Hospital, Grimsby, UK

868. Dorset County Hospital, Dorchester, UK

869. Forth Valley Royal Hospital, Falkirk, UK

870. Furness General Hospital, Barrow-in-Furness, UK

871. Alder Hey Children's Hospital, Liverpool, UK

872. Derriford Hospital, Plymouth, UK

873. Glasgow Royal Infirmary, Glasgow, UK

874. Glenfield Hospital, Leicester, UK

875. Gloucestershire Royal Hospital, Gloucester, UK

876. Golden Jubilee National Hospital, Clydebank, UK

877. Great Ormond St Hospital and UCL Great Ormond St Institute of Child Health NIHR Biomedical Research Centre, London, UK

878. Homerton University Hospital Foundation NHS Trust, London UK

879. James Cook University Hospital, Middlesbrough, UK

880. John Radcliffe Hospital, Oxford, UK

881. Leicester Royal Infirmary, Leicester, UK

882. Lister Hospital, Stevenage, UK

883. New Cross Hospital, Wolverhampton, UK

884. Royal Victoria Infirmary, Newcastle Upon Tyne, UK

885. Ninewells Hospital, Dundee, UK

886. North Devon District Hospital, Barnstaple, UK

887. North Manchester General Hospital, Manchester, UK

888. Northwick Park Hospital, London, UK

889. Prince Philip Hospital, Lianelli, UK

890. Pinderfields General Hospital, Wakefield, UK

891. Poole Hospital, Poole, UK

892. Royal Shrewsbury Hospital, Shrewsbury, UK

893. Princess Royal Hospital , Telford , UK

894. Princess Royal Hospital, Telford, UK

895. Princess Royal Hospital Telford, UK

896. Princess Royal Hospital Shrewsbury and Royal Shrewsbury Hospital, Shrewsbury, UK

897. Princess Royal Hospital , Telford, UK

898. Princess Royal Hospital,Telford, UK

899. Queen Elizabeth Hospital Gateshead, Gateshead, UK

900. Queen Elizabeth University Hospital, Glasgow, UK

901. Royal Berkshire NHS Foundation Trust, Berkshire, UK

902. Royal Derby Hospital, Derby, UK

903. Royal Devon and Exeter Hospital, Exeter, UK

904. Royal Infirmary of Edinburgh, Edinburgh, UK

905. Royal Lancaster Infirmary, Lancaster, UK

906. Royal United Hospital, Bath, UK

907. Russell's Hall Hospital, Dudley, UK

908. Sheffield Children's Hospital, Sheffield, UK

909. Southampton General Hospital, Southampton, UK

910. Southend University Hospital, Westcliff-on-Sea, UK

911. Southport and Formby District General Hospital, Ormskirk, UK

912. St James's University Hospital and Leeds General Infirmary, Leeds, UK

913. Bristol Royal Infirmary, Bristol, UK

914. Stepping Hill Hospital, Stockport, UK

915. The Princess Alexandra Hospital, Harlow, UK

916. University Hospital Crosshouse, Kilmarnock, UK

917. University Hospital Hairmyres, East Kilbride, UK

918. Craigavon Area Hospital

919. Warwick Hospital, Warwick, UK

920. West Middlesex Hospital, Isleworth, UK

921. Western General Hospital, Edinburgh, UK

922. Whittington Hospital, London, UK

923. William Harvey Hospital, Ashford, UK

924. MRC-University of Glasgow Centre for Virus Research, Institute of Infection, Immunity and Inflammation, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow, UK.

925. Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Old Road Campus, Roosevelt Drive, Oxford, OX3 7FZ, UK.

926. Department of Anaesthesia and Intensive Care, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong, China.

927. Department of Critical Care Medicine, Queen's University and Kingston Health Sciences Centre, Kingston, ON, Canada.

928. UCL Centre for Human Health and Performance, London, W1T 7HA, UK.

929. Clinical Research Centre at St Vincent's University Hospital, University College Dublin, Dublin, Ireland.

930. Department of Intensive Care Medicine, Guy's and St. Thomas NHS Foundation Trust, London, UK.

931. Department of Medicine, University of Cambridge, Cambridge, UK.

932. Section of Molecular Virology, Imperial College London, London, UK

933. Antimicrobial Resistance and Hospital Acquired Infection Department, Public Health England, London, UK

934. Department of Infectious Disease, Imperial College London, London, UK

935. National Infection Service, Public Health England, London, UK

936. MRC-University of Glasgow Centre for Virus Research, 464 Bearsden Road, Glasgow, UK

937. Liverpool School of Tropical Medicine, Liverpool, UK

938. Institute of Infection and Global Health, University of Liverpool, Liverpool, UK

939. Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Old Road Campus, Roosevelt Drive, Oxford, UK

940. Virology Reference Department, National Infection Service, Public Health England, Colindale Avenue, London, UK

941. Department of Pharmacology, University of Liverpool, Liverpool, UK

942. Nuffield Department of Medicine, Peter Medawar Building for Pathogen Research, University of Oxford, UK

943. The Roslin Institute, University of Edinburgh, Edinburgh, UK

944. Nottingham University Hospitals NHS Trust, Nottingham, UK

945. Nuffield Department of Medicine, John Radcliffe Hospital, Oxford, UK

946. ISARIC Global Support Centre, Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Oxford, UK

947. Division of Infection and Immunity, University College London, UK

948. Institute of Infection, Veterinary and Ecological Sciences, University of Liverpool, Liverpool, UK

949. Centre for Clinical Infection and Diagnostics Research, Department of Infectious Diseases, School of Immunology and Microbial Sciences, King's College London, London, UK

950. Institute of Evolutionary Biology, University of Edinburgh, Edinburgh, UK

951. Department of Pediatrics and Virology, St Mary's Medical School Bldg, Imperial College London, London, UK

952. The Florey Institute for Host-Pathogen Interactions, Department of Infection, Immunity and Cardiovascular Disease, University of Sheffield, Sheffield, UK

953. Division of Structural Biology, The Wellcome Centre for Human Genetics, University of Oxford, Headington, Oxford, OX3 7BN, UK

954. Department of Medicine, University of Cambridge, Cambridge, Cambridgeshire, UK

955. Blood Borne Virus Unit, Virus Reference Department, National Infection Service, Public Health England, London, UK

956. Department of Infection, Immunity and Cardiovascular Disease, University of Sheffield, Sheffield, UK

957. Institute for Global Health, University College London, London, UK

958. Molecular and Clinical Cancer Medicine, Institute of Systems, Molecular and Integrative Biology, University of Liverpool, Liverpool, UK

959. Department of Child Life and Health, University of Edinburgh, Edinburgh, UK

960. Section of Biomolecular Medicine, Division of Systems Medicine, Department of Metabolism, Digestion and Reproduction, Sir Alexander Fleming Building, Exhibition Rd, London SW7 2AZ, UK

961. Department of Epidemiology and Biostatistics, School of Public Health, Faculty of Medicine, Imperial College London, 2 Norfolk St, W2 1PG, London, UK

962. National Phenome Centre, Department of Metabolism, Digestion and Reproduction, Imperial College London, London W12 0NN, United Kingdom

963. Department of Molecular and Clinical Cancer Medicine, University of Liverpool, Liverpool, UK

964. Institute of Translational Medicine, University of Liverpool, Liverpool, Merseyside, United Kingdom

965. Intensive Care Unit, Royal Infirmary Edinburgh, Edinburgh, UK

966. University of Liverpool, Liverpool, UK

967. University of Glasgow, Glasgow, UK

968. Edinburgh Clinical Research Facility, Western General Hospital, University of Edinburgh, EH4 2XU, UK.

969. NIHR Health Protection Research Unit for Emerging and Zoonotic Infections, Institute of Infection, Veterinary and Ecological Sciences University of Liverpool, Liverpool, L69 7BE, UK.

970. Department of Infectious Diseases, Leiden University Medical Center, Leiden, The Netherlands

971. Cambridge University Hospitals NHS Foundation Trust, Hills Road, Cambridge, CB2 0QQ, UK

972. Roslin Institute, University of Edinburgh, Easter Bush, Edinburgh, EH25 9RG, UK. Intensive Care Unit, Royal Infirmary of Edinburgh, 54 Little France Drive, Edinburgh, EH16 5SA, UK. MRC Human Genetics Unit, Institute of Genetics and Molecular Medicine, University of Edinburgh, Western General Hospital, Crewe Road, Edinburgh, EH4 2XU, UK

973. Roslin Institute, University of Edinburgh, Easter Bush, Edinburgh, EH25 9RG, UK. Department of Infectious Diseases, Leiden University Medical Center, Leiden, The Netherlands

974. Genotek Ltd., Moscow, Russia

975. Helix, San Mateo, CA, USA

976. Center for Genomic Medicine, Desert Research Institute, 2215 Raggio Pkwy, Reno, Nevada 89512, USA

977. Renown Health, 1155 Mill St., Reno, NV 89502, USA

978. 24Genetics, Boston, MA, USA

979. Hospital La Paz Institute for Health Research, Madrid, Spain

980. Division of Pulmonary Medicine, Department of Medicine, Keio University School of Medicine, Tokyo, Japan

981. Department of Statiatical Genetics, Osaka University Graduate School of Medicine, Suita 565-0871, Japan

982. Laboratory of Statistical Immunology, Immunology Frontier Research Center (WPI-IFReC), Osaka University, Suita 565-0871, Japan

983. Integrated Frontier Research for Medical Science Division, Institute for Open and Transdisciplinary Research Initiatives, Osaka University, Suita 565-0871, Japan

984. Division of Health Medical Intelligence, Human Genome Center, the Institute of Medical Science, the University of Tokyo, Tokyo, Japan

985. Laboratory of Viral Infection I, Department of Infection Control and Immunology, Ōmura Satoshi Memorial Institute & Graduate School of Infection Control Sciences, Kitasato University, Tokyo, Japan

986. Department of Surgery, Keio University School of Medicine, Tokyo, Japan.

987. Department of Organoid Medicine, Keio University School of Medicine, Tokyo, Japan.

988. Department of Infectious Diseases, Keio University School of Medicine, Tokyo, Japan.

989. Department of Respiratory Medicine and Clinical Immunology, Osaka University Graduate School of Medicine, Suita 565-0871, Japan

990. Department of Immunopathology, Immunology Frontier Research Center (WPI-IFReC), Osaka University, Suita 565-0871, Japan

991. Institute of Research, Tokyo Medical and Dental University, Tokyo, Japan

992. Department of Insured Medical Care Management, Tokyo Medical and Dental University Hospital of Medicine, Tokyo, Japan

993. Genome Medical Science Project (Toyama), National Center for Global Health and Medicine, Chiba, Japan

994. Division of Gastroenterology and Hepatology, Department of Medicine, Keio University School of Medicine, Tokyo, Japan.

995. M&D Data Science Center, Tokyo Medical and Dental University, Tokyo, Japan

996. Kyoto University, Department of Pathology and Tumor Biology Institute for the Advanced Study of Human Biology (WPI-ASHBi), Kyoto University, Kyoto, Japan

997. Department of Medicine, Center for Hematology and Regenerative Medicine, Karolinska Institute, Stockholm, Sweden

998. Department of Respiratory Medicine and Clinical Immunology, Osaka University Graduate School of Medicine, Suita 565-0871, Japan Department of Statiatical Genetics, Osaka University Graduate School of Medicine, Suita 565-0871, Japan

999. Department of Emergency and Critical Care Medicine, Keio University School of Medicine, Tokyo, Japan

1000. Department of Anesthesiology, Keio University School of Medicine, 35 Shinanomachi, Shinjuku-ku, Tokyo, Japan.

1001. Department of Laboratory Medicine, Keio University School of Medicine, Tokyo, Japan

1002. Division of Infection Control and Prevention, Osaka University Hospital, Suita 565-0871, Japan

1003. Department of Biomedical Ethics and Public Policy, Osaka University Graduate School of Medicine, Suita 565-0871, Japan

1004. Center for Genomic Medicine, Kyoto University Graduate School of Medicine, Kyoto 606-8507, Japan

1005. Department of Pulmonary Medicine, Faculty of Medicine, University of Tsukuba, Tsukuba 305-8575, Japan

1006. Department of Neurosurgery, Faculty of Medicine, the University of Tokyo, Tokyo 113-8655, Japan

1007. Laboratory of Immune Regulation, Department of Microbiology and Immunology, Osaka University Graduate School of Medicine, Suita 565-0871, Japan

1008. Department of Respiratory Medicine and Clinical Immunology, Osaka University Graduate School of Medicine, Suita 565-0871, Japan Laboratory of Immune Regulation, Department of Microbiology and Immunology, Osaka University Graduate School of Medicine, Suita 565-0871, Japan

1009. Medical Innovation Promotion Center, Tokyo Medical and Dental University, Tokyo, Japan

1010. Clinical Research Center, Tokyo Medical and Dental University Hospital of Medicine, Tokyo, Japan

1011. Department of Medical Informatics, Tokyo Medical and Dental University Hospital of Medicine, Tokyo, Japan

1012. Respiratory Medicine, Tokyo Medical and Dental University, Tokyo, Japan

1013. Clinical Laboratory, Tokyo Medical and Dental University Hospital of Medicine, Tokyo, Japan

1014. Kyoto University, Department of Pathology and Tumor Biology, Kyoto, Japan

1015. Department of Respiratory Medicine, Juntendo University Faculty of Medicine and Graduate School of Medicine, Tokyo, Japan

1016. Department of Emergency and Disaster Medicine, Juntendo University Faculty of Medicine and Graduate School of Medicine, Tokyo, Japan

1017. Department of Cardiovascular Biology and Medicine, Juntendo University Faculty of Medicine and Graduate School of Medicine, Tokyo, Japan

1018. Department of Respiratory Medicine, Tokyo Women's Medical University, Tokyo, Japan.

1019. Department of general Medicine, Tokyo Women's Medical University, Tokyo, Japan.

1020. Department of Respiratory Medicine, Saitama Cardiovascular and Respiratory Center, Saitama, Japan

1021. Kawasaki Municipal Ida Hospital, Kanagawa, Japan

1022. JCHO（Japan Community　Health care Organization) Saitama Medical Center, Internal Medicine, Saitama, Japan

1023. Saitama City Hospital, Saitama, Japan

1024. Division of Infection Control, Eiju General Hospital, Tokyo, Japan

1025. Department of Pulmonary Medicine, Eiju General Hospital, Tokyo, Japan

1026. Department of Respiratory Medicine, Osaka Saiseikai Nakatsu Hospital

1027. Department of Respiratory Medicine, Osaka Saiseikai Nakatsu Hospital, Osaka, Japan

1028. Department of Infection Control, Osaka Saiseikai Nakatsu Hospital, Osaka, Japan

1029. Department of Infectious Diseases, Tosei General Hospital, Aichi, Japan

1030. Fukujuji hospital, Kiyose, Japan

1031. Department of Emergency and Critical Care Medicine, Tokyo Women's Medical University Medical Center East, Tokyo, Japan

1032. Department of Medicine, Tokyo Women's Medical University Medical Center East, Tokyo, Japan

1033. Department of Pediatrics, Tokyo Women's Medical University Medical Center East, Tokyo, Japan

1034. Japan Community Health care Organization kanazawa Hospital, Kanazawa, Japan

1035. Division of Pulmonary Medicine, Department of Internal Medicine, Federation of National Public Service Personnel Mutual Aid Associations, Tachikawa Hospital, Tachikawa, Japan

1036. Department of Respiratory Medicine Japan Organization of Occupational Health and Safety KANTO ROSAI HOSPITAL, Kawasaki, Japan

1037. Department of Generai Internal Medicine Japan Organization of Occupational Health and Safety KANTO ROSAI HOSPITAL, Kawasaki, Japan

1038. Departmet of Emergency and Critical Care Medicine Kansai Medical Univrsity General Medical Center, Kirakata, Japan

1039. Department of Respiratory Medicine, Kitasato University Kitasato Institute Hospital, Tokyo, Japan

1040. Ishikawa Prefectural Central Hospital, Kanazawa, Japan

1041. Internal Medicine, Sano Kosei General Hospital, Sano Japan

1042. Saiseikai Yokohamashi Nanbu Hospital, Yokohama, Japan

1043. Kanagawa Cardiovascular and Respiratory Center, Yokohama, Japan

1044. Saiseikai Utsunomiya Hospital,Utsunomiya, Japan

1045. KKR Sapporo Medical Center, Department of Respiratory Medicine, Sapporo, Japan

1046. Internal Medicine, Internal Medicine Center, Showa University Koto Toyosu Hospital, Tokyo, Japan

1047. Department of Respiratory Medicine, Toyohashi Municipal Hospital, Toyohashi, Japan

1048. Keiyu Hospital, Yokohama, Japan

1049. National Hospital Organization Hokkaido Medical Center Department of Rheumatology, Sapporo, Japan

1050. Department of Respiratory Medicine, National Hospital Organization Tokyo Medical Center, Tokyo, Japan

1051. Department of Allergy, National Hospital Organization Tokyo Medical Center, Tokyo, Japan

1052. Department of General Internal Medicine and Infectious Diseases, National Hospital Organization Tokyo Medical Center, Tokyo, Japan

1053. Japanese Red Cross Musashino Hospital, Musashino, Japan

1054. Department of Respiratory Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan

1055. Nihon University School of Medicine, Department of Internal Medicine, Division of Respiratory Medicine, Tokyo, Japan

1056. Department of Emergency and Critical Care Medicine, St.Marianna University School of Medicine, Kawasaki, Japan

1057. Division of General Internal Medicine, Department of Internal Medicine, St. Marianna University School of Medicine, Kawasaki, Japan

1058. National Hospital Organization Kanazawa Medical Center, Kanazawa, Japan

1059. Division of Infectious Diseases and Respiratory Medicine, Department of Internal Medicine, National Defense Medical College

1060. Department of Emergency and Critical Care Medicine, Faculty of Medicine, Fukuoka University, Fukuoka, Japan

1061. Department of Infection Control, Fukuoka University Hospital, Fukuoka, Japan

1062. Tokyo Saiseikai Central Hospital, Tokyo, Japan

1063. Fukuoka Tokushukai Hospital Department of internal medicine, Kasuga, Japan

1064. Department of Infestious Disease and Clinical Research Institute, National Hospital Organization Kyushu Medical Center, Fukuoka, Japan

1065. Department of Respirology, National Hospital Organization Kyushu Medical Center, Division of Respirology, Rheumatology, and Neurology, Department of Internal Medicine Kurume University School of Medicine, Fukuoka, Japan

1066. Department of Infestious Disease, National Hospital Organization Kyushu Medical Center, Fukuoka, Japan

1067. matsumoto city hostpital, Matsumoto, Japan

1068. Uji-TOKUSHUKAI MEDICAL CENTER, Uji, Japan

1069. Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan

1070. Fujisawa city hospital, department of respiratory medicine, Fujisawa,Japan

1071. Sapporo City General Hospital, Sapporo, Japan

1072. Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Chiba, Japan

1073. Division of Respiratory Medicine, Social Welfare Organization Saiseikai Imperial Gift Foundation, Inc., Saiseikai Kumamoto Hospital, Kumamoto, Japan

1074. Department of Anesthesiology and Intensive Care Medicine, Kyoto Prefectural University of Medicine, Kyoto, Japan

1075. Ome Municipal General Hospital, Ome, Japan

1076. Hanwa Daini Hospital, Osaka, Japan

1077. Department of Respiratory Internal Medicine, St. Marianna University School of Medicine, Yokohama-City Seibu Hospital, Yokohama, Japan.

1078. Division of Hematology, Department of Internal Medicine, St. Marianna University Yokohama-City Seibu Hospital, Yokohama, Japan.

1079. Division of Pulmonary Medicine,　Department of Medicine, Tokai University School of Medicine, Tokai University School of Medicine, Tokyo, Japan

1080. Division of Pulmonary Medicine, Department of medicine, Tokai University School of Medicine, Tokyo, Japan

1081. National Hospital Organization Kumamoto Medical Center, Kumamoto, Japan

1082. Department of Respiratory Medicine, Tokyo Medical University Hospital, Tokyo, Japan

1083. Department of Respiratory Medicine, Japanese Red Cross Medical Center, Tokyo, Japan

1084. JA Toride medical hospital, Toride, Japan

1085. Japan Organization of Occupational Health and Safety Okayama Rosai Hospital, Okayama, Japan

1086. Gifu University School of Medicine Graduate School of Medicine, Emergency and Disaster Medicine, Gifu, Japan

1087. Niigata University, Niigata, Japan

1088. National Hospital Organization Kyoto Medical Center, Kyoto, Japan

1089. Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan.

1090. Department of Medicine and Biosystemic Science, Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan.

1091. Department of Emergency and Critical Care Medicine, Tsukuba University, Tsukuba, Japan

1092. Department of Nephrology, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan

1093. Department of Hematology, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan

1094. National Hospital Organization Tokyo Hospital, Tokyo, Japan

1095. Fujioka General Hospital, Fujioka, Japan

1096. Division of Respiratory Medicine and Allergology, Department of Medicine, School of Medicine, Showa University, Tokyo, Japan

1097. Department of Pulmonary Medicine, Fukushima Medical University, Fukushima, Japan

1098. Kansai Electric Power Hospital, Osaka, Japan

1099. Kumamoto City Hospital, Kumamoto, Japan

1100. Department of Emergency and Critical Care Medicine, Tokyo Metropolitan Police Hospital, Tokyo, Japan

1101. Department of Respiratory Medicine, International University of Health and Welfare Shioya Hospital, Narita, Japan

1102. Department of Clinical Laboratory, International University of Health and Welfare Shioya Hospital, Narita, Japan

1103. National Hospital Organization Saitama Hospital, Saitama, Japan

1104. Department of Respiratory Medicine, Gunma University Graduate School of Medicine, Maebashi, Japan

1105. Dept. of Orthopedic Surgery, Tokyo Medical University, Ibaraki Medical Center, Tokyo, Japan

1106. Department of Internal Medicine, Kiryu Kosei General Hospital, Kiryu, Japan

1107. Daini Osaka Police Hospital, Osaka, Japan

1108. Department of Genetics, University Medical Centre Groningen, University of Groningen, Groningen, Netherlands

1109. Department of Epidemiology, University Medical Centre Groningen, University of Groningen, Groningen, Netherlands

1110. Department of Genetics, University Medical Centre Groningen, University of Groningen / Department of Genetics, University Medical Centre Utrecht, P.O. Box 85500, 3508 GA, Utrecht, The Netherlands

1111. Department of Epidemiology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands

1112. University of Groningen, University Medical Center Groningen, Department of Genetics, Groningen, The Netherlands

1113. UMCG Department of Genetics, UMCG Department of Psychiatry, Groningen, Netherlands

1114. Centre for Heart Lung Innovation, University of British Columbia, Vancouver, BC, Canada

1115. Division of Respiratory Medicine, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada

1116. Institut universitaire de cardiologie et de pneumologie de Québec – Université Laval, Quebec City, Canada

1117. Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, , New York, NY, USA

1118. University of Washington, Global Health, Seattle, WA, USA

1119. Gossamer Bio 3013 Science Park Road, San Diego, CA, USA

1120. University of Groningen, University Medical Centre Groningen, Department of Pathology and Medical Biology Groningen, The Netherlands

1121. University of Groningen, University Medical Centre Groningen, GRIAC Research Institute, Groningen, The Netherlands

1122. University of Groningen, University Medical Center Groningen, Department of Pulmonary Diseases, Groningen, The Netherlands

1123. Center for Genomic Medicine, Massachusetts General Hospital, Boston, MA, USA

1124. Programs in Metabolism and Medical and Population Genetics, Broad Institute of MIT and Harvard, Cambridge, MA, USA

1125. Diabetes Unit and Center for Genomic Medicine, Massachusetts General Hospital, Boston, MA, USA. Harvard Medical School, Boston, Massachusetts, USA

1126. Channing Division of Network Medicine, Department of Medicine, Brigham and Women's Hospital, Boston, MA, USA

1127. Brigham and Women’s Hospital, Boston, MA, USA

1128. Psychiatric and Neurodevelopmental Genetics Unit, Center for Genomic Medicine, Massachusetts General Hospital, Boston, MA

1129. Department of Neurology, Massachusetts General Hospital, Boston, MA, USA

1130. Division of General Internal Medicine, Massachusetts General Hospital and Dpeartment of Medicine, Harvard Medical School and Program in Medical and Population Genetics, Broad Institute, Boston, MA, USA

1131. Division of Genetics, Department of Medicine, Brigham and Women’s Hospital, Broad Institute of MIT and Harvard, Harvard Medical School, Boston, MA, USA

1132. Department of Human Genetics, University of Michigan, Ann Arbor, MI, USA

1133. Mount Sinai Clinical Intelligence Center, Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, 10029, USA

1134. Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, 10029, USA

1135. Sema4, a Mount Sinai venture, Stamford CT, 06902, USA

1136. Seaver Autism Center for Research and Treatment, Department of Psychiatry, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1137. Mount Sinai Clnical Intelligence Center, Charles Bronfman Institute for Personalized Medicine

1138. Department of Genetics & Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, 10029, USA

1139. Mount Sinai Clinical Intelligence Center, Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1140. Icahn Institute of Data Science and Genomics Technology, New York, NY 10029, USA

1141. Mount Sinai Clinical Intelligence Center, New York, NY 10029, USA

1142. Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY, USA

1143. Charles Bronfman Institute for Personalized Medicine, Icahn School of Medicine at Mount Sinai, New York, NY, 10029, USA

1144. Institute for Genomic Health, Icahn School of Medicine at Mount Sinai, New York, NY, USA

1145. The Charles Bronfman Institute for Personalized Medicine, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1146. The Mindich Child Health and Development Institute, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1147. Pamela Sklar Division of Psychiatric Genomics, Department of Psychiatry, Department of Genetic and Genomic Sciences

1148. Pamela Sklar Division of Psychiatric Genomics, Department of Psychiatry, Department of Genetic and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1149. Seaver Autism Center for Research and Treatment, Department of Psychiatry

1150. Mount Sinai Clinical Intelligence Center, Department of Psychiatry, Department of Genetic and Genomic Sciences, Icahn School of Medicine at Mount Sinai, NY, 10029, USA

1151. Department of Environmental Medicine and Public Health, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1152. Mount Sinai Clinical Intelligence Center

1153. The Hasso Plattner Institute of Digital Health at Mount Sinai

1154. BioMe Phenomics Center, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1155. Department of Medicine, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1156. Pamela Sklar Division of Psychiatric Genomics, Seaver Autism Center for Research and Treatment, Department of Psychiatry, Department of Genetic and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

1157. Regeneron Genetics Center, Tarrytown, NY, USA

1158. Phenomic Analytics & Clinical Data Core, Geisinger Health System, Danville, PA, USA

1159. Department of Population Health Sciences, Geisinger Health System, Danville, PA, USA

1160. Department of Molecular and Functional Genomics, Geisinger Health System, Danville, PA, USA

1161. Vrije Universiteit Amsterdam, Amsterdam, UK

1162. Department of Genetics, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, USA

1163. Department of Biomedical Data Science, Stanford University, Stanford, CA, USA

1164. Institute G. Gaslini, University of Genova, Italy

1165. University of Genova, IRCCS Gaslini, Genova, Italy

1166. Department of Psychiatry, University of North Carolina at Chapel Hill, Chapel Hill, USA

1167. Department of Nutrition, University of North Carolina at Chapel Hill, Chapel Hill, USA

1168. Institute of Neuroscience and Physiology, University of Gothenburg, Gothenburg, Sweden

1169. Department of Medical Sciences, University of Turin, 10126, Turin, Italy

1170. Department of Clinical and Biological Sciences, University of Turin, 10149, Orbassano, Italy

1171. IRCCS Gaslini, Genova, Italy

1172. University of Genova, Genova, Italy

1173. Hopital Mont-Godinne, Yvoir, Belgium

1174. Department of Molecular Medicine, University of Pavia, 27100 Pavia, Italy

1175. Department of Public Health and Pediatric sciences, University of Turin, 10126, Turin, Italy

1176. Qatar Biobank for Medical Research, Qatar Foundation Research, Development and Innovation, Qatar Foundation, Doha, Qatar

1177. Latvian Biomedical Research and Study centre, Ratsupites str. 1k-1, Riga LV-1067, Latvia

1178. Department of Neuroscience, Karolinska Institutet, Stockholm, Sweden

1179. Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

1180. Anaesthesiology and Intensive Care Medicine, Department of Surgical Sciences, Uppsala University, Uppsala, Sweden

1181. Integrative Physiology, Department of Medical Cell Biology, Uppsala University, Uppsala, Sweden

1182. Hedenstierna Laboratory, CIRRUS, Anaesthesiology and Intensive Care Medicine, Department of Surgical Sciences, Uppsala University, Uppsala, Sweden

1183. Department of Computer Science, School of Engineering, UCLA, Los Angeles, CA, USA

1184. University of California Los Angeles, Los Angeles, CA, USA

1185. Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

1186. Division of Immunology, Allergy, and Rheumatology, Department of Pediatrics, Department of Microbiology, Immunology, and Molecular Genetics

1187. UCLA, Los Angeles, CA, USA

1188. Departments of Neurology, Psychiatry and Human Genetics, Center for Autism Research and Treatment, Institute for Precision Health, Los Angeles, CA, USA

1189. Departments of Computational Medicine

1190. Pathology and Laboratory Medicine, Human Genetics, David Geffen School of Medicine at UCLA David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

1191. Bioinformatics IDP, UCLA, Los Angeles, CA, USA

1192. Department of Neurology, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

1193. Departments of Human Genetics and Urology, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

1194. Genomics England

1195. Queen Mary University, London, United Kingdom

1196. UCL Great Ormond Street Institute of Child Health, London, United Kingdom

1197. University of Cambridge, London, United Kingdom

1198. Department of Human Genetics, McGill University, Montréal, Québec, Canada. Lady Davis Institute, Jewish General Hospital, McGill University, Montréal, Québec, Canada. Kyoto-McGill International Collaborative School in Genomic Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan. Research Fellow, Japan Society for the Promotion of Science

1199. Big Data Institute, Nuffield Department of Population Health, University of Oxford, Li Ka Shing Centre for Health Information and Discovery, Old Road Campus, Oxford, OX3 7LF, United Kingdom

1200. Genomics PLC, King Charles House, Park End Street, Oxford, OX1 1JD, United Kingdom

1201. Nuffield Department of Medicine, Experimental Medicine Division, University of Oxford, John Radcliffe Hospital, Oxford, OX3 9DU, United Kingdom

1202. Public Health England, Field Service, Addenbrooke’s Hospital, Cambridge, CB2 0QQ, United Kingdom

1203. Public Health England, Data and Analytical Services, National Infection Service, London, NW9 5EQ, United Kingdom

1204. Program in Bioinformatics and Integrative Genomics, Harvard Medical School, Boston, MA, USA

1205. Program in Biological and Biomedical Sciences, Harvard Medical School, Boston, MA, USA

1206. Wellcome Centre for Human Genetics, University of Oxford, Roosevelt Drive, Oxford, OX3 7BN, United Kingdom

1207. Department of Clinical Research and Leadership, George Washington University, Washington, DC, USA

1208. Department of Human Genetics, The Wellcome Sanger Institute, Wellcome Genome Campus, Hinxton, Cambridge, CB10 1HH, UK

1209. The National Institute for Health Research Blood and Transplant Unit in Donor Health and Genomics, University of Cambridge, Strangeways Research Laboratory, Wort’s Causeway, Cambridge, CB1 8RN, UK

1210. Department of Haematology, University of Cambridge, Cambridge Biomedical Campus, Long Road, Cambridge, CB2 0PT, UK​

1211. British Heart Foundation Cardiovascular Epidemiology Unit, Department of Public Health and Primary Care, University of Cambridge, Cambridge, UK

1212. British Heart Foundation Centre of Research Excellence, University of Cambridge, Cambridge, UK

1213. National Institute for Health Research Blood and Transplant Research Unit in Donor Health and Genomics, University of Cambridge, Cambridge, UK

1214. Health Data Research UK Cambridge, Wellcome Genome Campus and University of Cambridge, Cambridge, UK

1215. Department of Human Genetics, Wellcome Sanger Institute, Hinxton, UK

1216. Department of Epidemiology, Emory University Rollins School of Public Health

1217. Atlanta CA Health Care System, North Druid Hills, GA, USA

1218. Center for Population Genomics, MAVERIC, VA Boston Healthcare System, Boston, MA, USA

1219. MAVERIC, VA Boston Healthcare System, Boston, MA, USA

1220. Stanford University

1221. Palo Alto VA Healthcare System, Stanford, CA, USA

1222. Department of Biostatistics, Boston Univeristy School of Public Health

1223. Department of Haematology, Central Hospital of Bolzano (SABES-ASDAA), Bolzano, Italy

1224. Laboratory of Clinical Pathology, Hospital of Bressanone (SABES-ASDAA), Bressanone, Italy