

Covid-19 Host Genetics Initiative

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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
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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. Arrowse 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, Burton, 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, Hwyl 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.

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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
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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
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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 Statistical Genetics, Osaka University Graduate School of Medicine, Suita 565-0871, Japan
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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
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1018. Department of Respiratory Medicine, Tokyo Women's Medical University, Tokyo, Japan.
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