

## **ERC Starting Grants 2023**

### **List of Principal Investigators selected for funding**

*The statistics and final list of successful candidates are provisional. The Trade and Cooperation Agreement between the European Union and the United Kingdom allows for associating the UK to the current EU research and innovation funding programme, Horizon Europe, subject to the adoption of a Protocol. As this Protocol has not been adopted so far, the UK is still considered "non-associated" to Horizon Europe. Therefore, the successful proposals of applicants based in a country in the process of associating to Horizon Europe will be eligible for funding only if the relevant Horizon Europe association agreement applies by the time of the signature of the grant agreement. However, successful applicants from UK host institutions can still be funded, provided that they move to a host institution in an eligible country.*

| Last name         | First name | Host Institution Local name                            | Host Institution name                         | Host country | Acronym             | Title  | Panel |
|-------------------|------------|--|---|--------------|---------------------|--|-------|
| CAMPBELL          | Clarissa   | Forschungszentrum für Molekulare Medizin (CeMM)        | Research Center for Molecular Medicine (CeMM) | AT           | T Cell Feedback     | T cell regulation by fed state bacterial metabolites   | LS4   |
| DELGADO MANZANEDO | Ruben      | Universität Innsbruck                                  | University of Innsbruck                       | AT           | OpenRing            | Forest biodiversity-stability relationships across spatiotemporal scales                                       | LS8   |
| DELLINGER         | Agnes      | Universität Wien                                       | University of Vienna                          | AT           | MountBuzz           | MountBuzz: relating context-dependent bee-flower interactions to macroevolution                                | LS8   |
| GAIDT             | Moritz     | Forschungsinstitut für Molekulare Pathologie Ges.m.b.H | The Research Institute of Molecular Pathology | AT           | GUARDIANS           | Guard-driven immunity against pathogens  | LS6   |
| MAIER             | Barbara    | Forschungszentrum für Molekulare Medizin (CeMM)        | Research Center for Molecular Medicine (CeMM) | AT           | REWIRE              | Rewire the lymph node niche to instruct T cell immunity  | LS4   |
| PINHEIRO          | Diana      | Forschungsinstitut für Molekulare Pathologie Ges.m.b.H | The Research Institute of Molecular Pathology | AT           | DYNAMORPH           | Coupling morphogen dynamics with mechanics in the control of form and pattern                                  | LS3   |
| QUERQUES          | Irma       | Universität Wien                                       | University of Vienna                          | AT           | BROADCAST           | Molecular mechanisms, functions and applications of RNA-guided DNA transposons                                 | LS1   |
| VAN DER VEEKEN    | Joris      | Forschungsinstitut für Molekulare Pathologie Ges.m.b.H | The Research Institute of Molecular Pathology | AT           | DeconstrucTolerance | Deconstructing Intestinal Immune Tolerance   | LS6   |
| JESCHKE           | Jana       | Université Libre de Bruxelles                          | Free University of Brussels (ULB)             | BE           | EpiResist           | Exposing hidden targets of drug resistance in cancer by mapping the epitranscriptome at single-cell resolution | LS9   |
| VOROBIEVA         | Anastassia | Vlaams Instituut voor Biotechnologie                   | Flanders Institute for Biotechnology (VIB)    | BE           | PoreMADNeSS         | Massive parallel de novo design of sensing nanopores   | LS1   |
| FABIAN            | Peter      | Masarykova univerzita                                  | Masaryk University                            | CZ           | MERLIN              | Metabolic regulation of the skeletal stem cell niche   | LS3   |

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| TĚŠINA           | Petr       | Masarykova univerzita   | Masaryk University  | CZ           | NeuroQuality         | Mechanisms of human co-translational quality control and its role in neural tissue.                            | LS1   |
| ARADILLA ZAPATA  | Laura      | Universität des Saarlandes  | Saarland University   | DE           | CROSSTALK            | Opposites attract: Crosstalk between vimentin and microtubules - mechanical stability vs. dynamic adaptability | LS3   |
| BULUT-KARSLIOGLU | Aydan      | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.             | Max Planck Society  | DE           | DOR CODE             | Propagation of cellular memory through dormancy  | LS3   |
| COSCIA           | Fabian     | Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft | Max Delbrück Center for Molecular Medicine in the Helmholtz Association | DE           | Spatial Proteomics   | Deep Spatial Proteomics: connecting cellular neighbourhoods to functional states                               | LS2   |
| DE OLIVEIRA MANN | Carina     | Technische Universität München  | Technical University of Munich  | DE           | NTasePro             | NTase Products and Cyclic Nucleotide Signalling  | LS1   |
| FRANKE           | Katrin     | Eberhard Karls Universität Tübingen                                       | University of Tübingen  | DE           | Eye to Action        | Tracing Visual Computations from the Retina to Behavior  | LS5   |
| GROSCHNER        | Lukas      | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.             | Max Planck Society  | DE           | TEMPRODROME          | Temporal processing in Drosophila melanogaster   | LS5   |
| HADJIECONOMOU    | Dafni      | Ruprecht-Karls-Universität Heidelberg                                     | University of Heidelberg  | DE           | GutSense             | Environmental control of physiology through the brain-gut axis   | LS3   |
| HARTMANN         | Felix      | Deutsches Krebsforschungszentrum  | German Cancer Research Centre   | DE           | SpatialTMEMetabolism | Spatial Quantification of Cellular Metabolism in the Tumor Immune Microenvironment                             | LS4   |
| HILLEN           | Hauke      | Universitätsmedizin Göttingen Georg-August-Universität                    | University Medical Center Göttingen                                     | DE           | MitoRNA              | Structural studies of the human mitochondrial RNA life cycle   | LS1   |

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| HÖFER     | Katharina     | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.                     | Max Planck Society   | DE           | NAD-ART    | Conjugation of NAD-capped RNAs to proteins by ADP-ribosyltransferases to generate RNA therapeutics              | LS9   |
| JESCHEK   | Markus        | Universität Regensburg  | University of Regensburg   | DE           | BiosenSAI  | Biosensing by Sequence-based Activity Inference   | LS9   |
| KAMAL     | Nadia         | Helmholtz Zentrum München - Deutsches Forschungszentrum für Gesundheit und Umwelt | Helmholtz Munich - German Research Centre for Environmental Health | DE           | RESIST     | Resilient Oats: Improving Drought Stress Resistance in a Changing Climate                                       | LS9   |
| KATHER    | Jakob Nikolas | Technische Universität Dresden  | Technical University of Dresden                                    | DE           | NADIR      | New directions for deep learning in cancer research through concept explainability and virtual experimentation. | LS7   |
| KNIELING  | Ferdinand     | Universitätsklinikum Erlangen   | University Hospital Erlangen                                       | DE           | IseeG      | Functional optoacousticS for imaging Early onsEt of Gut inflammation  | LS7   |
| LOWET     | Eric          | Universitätsmedizin Göttingen Georg-August-Universität                            | University Medical Center Göttingen                                | DE           | OptoDBS    | Dissecting the biophysical mechanisms of deep brain stimulation using voltage fluorescence microscopy           | LS5   |
| MAGER     | Lukas         | Eberhard Karls Universität Tübingen   | University of Tübingen   | DE           | SOAR       | Systematic Triangulation of Pathobiont-Host-Interactions  | LS7   |
| MARQUES   | André         | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.                     | Max Planck Society   | DE           | HoloRECOMB | How to evolve without centromeres: meiotic recombination dynamics in holocentric plants                         | LS2   |
| MURPHY    | Bonnie        | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.                     | Max Planck Society   | DE           | REEL-EM    | Development of Reconstructed Electron Energy Loss techniques for Elemental Mapping in macromolecular structures | LS1   |
| OTT       | Torben        | Humboldt-Universität zu Berlin  | Humboldt University of Berlin                                      | DE           | TIMEVALUE  | Neural and serotonergic mechanisms underlying time valuation in rats  | LS5   |

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| OUDELAAR      | Aukje Marieke | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. | Max Planck Society                    | DE           | 3D-REG         | Shedding light on three-dimensional gene regulation   | LS2   |
| PIETZNER      | Maik          | Charité - Universitätsmedizin Berlin                          | Charité - University Hospital         | DE           | GenDrug        | Genetically anchored drug target discovery for neglected diseases   | LS7   |
| PRAETORIUS    | Florian       | Technische Universität München                                | Technical University of Munich        | DE           | DNA-TO PAss    | Design of Nucleic Acid-Templated Ordered Protein Assemblies   | LS1   |
| RATZ          | Michael       | Technische Universität München                                | Technical University of Munich        | DE           | SpaRC          | Revealing the wiring rules of neural circuit assembly with spatiotemporally resolved molecular connectomics | LS5   |
| SCHLESIGER    | Magdalene     | Universitätsklinikum Heidelberg                               | University Hospital Heidelberg        | DE           | DrugsAndMemory | How do drug-associated contexts drive behaviour? The role of entorhinal circuitry in addiction              | LS5   |
| SCHUERCH      | Christian     | Eberhard Karls Universität Tübingen                           | University of Tübingen                | DE           | CAR-TIME       | Drivers and Brakes of CAR T Cell Efficacy Determined by the Tumor Immune Microenvironment                   | LS7   |
| STÖCKL        | Anna          | Universität Konstanz  | University of Constance               | DE           | DynamicVision  | Closing the loop in dynamic vision – from single photons to behaviour in extreme light environments         | LS5   |
| TOTH-PETROCZY | Agnes         | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. | Max Planck Society                    | DE           | CONDEVO        | Evolution of Biomolecular Condensates   | LS1   |
| VAN GESTEL    | Jordi         | European Molecular Biology Laboratory                         | European Molecular Biology Laboratory | DE           | CO-PP          | Uncovering the coevolution between microbial predators and prey   | LS8   |
| VILLASEÑOR    | Rodrigo       | Ludwig-Maximilians-Universität München                        | University of Munich (LMU)            | DE           | EpiCblood      | Towards early cancer detection and tumor classification using epigenomic biomarkers in blood                | LS7   |

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| VON APPEN            | Alexander  | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.                     | Max Planck Society   | DE           | Organelloids   | Mechanisms of nuclear self-assembly  | LS1   |
| ZHOU                 | Qihui      | Deutsches Zentrum für Neurodegenerative Erkrankungen e.V                          | German Centre for Neurodegenerative Diseases - Helmholtz Centre  | DE           | C9-T Immunity  | Do T cells link loss and gain-of-function mechanism in C9orf72 ALS/FTD?  | LS5   |
| ZIMMERMANN           | Jakob      | Julius-Maximilians-Universität Würzburg   | University of Würzburg   | DE           | GuT Memory     | Engineered symbionts elucidate gut T cell memory and its (dys)regulation   | LS6   |
| ZIMMERMANN-KOGADEEVA | Maria      | European Molecular Biology Laboratory   | European Molecular Biology Laboratory                            | DE           | MetaboGutModel | Resolving metabolic interactions between the gut microbiota and the host with multi-omics-based modelling            | LS2   |
| ZUCKERMANN           | Marc       | Deutsches Krebsforschungszentrum  | German Cancer Research Centre                                    | DE           | 4D-therapy     | Multimodal “4D”-therapy of pediatric high grade glioma   | LS7   |
| TAMMAN               | Hedvig     | Tartu Ülikool   | University of Tartu  | EE           | PhaBacArms     | Deciphering stringent response proteins and toxin-antitoxin systems in the arms race between bacteria and phages     | LS6   |
| ALTEA MANZANO        | Patricia   | Universidad de Sevilla  | University of Seville  | ES           | PalmERASERs    | The role of Palmitoylation ERASERs in cancer metastasis  | LS4   |
| CASANOVA ACEBES      | Maria      | Fundación Centro Nacional de Investigaciones Oncológicas Carlos III               | Spanish National Cancer Research Centre (CNIO)                   | ES           | INN-TIME       | Co-option of host circadian rhythms in cancer  | LS4   |
| COSTA                | Francesco  | Fundación Pública Andaluza para la Investigación de Málaga en Biomedicina y Salud | Andalusian Public Foundation for Health and Biomedicine Research | ES           | ORACLE         | Optimize risk prediction after myocardial infarction through artificial intelligence and multidimensional evaluation | LS7   |
| LLORENS-RICO         | Veronica   | Centro de Investigación Príncipe Felipe   | Príncipe Felipe Research Center                                  | ES           | REGUBIOME      | Transcriptional REGUlation as a mediator of bacterial interactions in the microBIOME                                 | LS2   |

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| LOPEZ GARCIA-BASTEIRO | Alberto    | Fundacion Privada Instituto de Salud Global Barcelona     | Barcelona Institute for Global Health                      | ES           | TB-QUEST             | Questioning the Epidemiology of Subclinical Tuberculosis  | LS7   |
| REYNA-LLORENS         | Ivan       | Centre de Recerca en Agrigenomica                         | Centre for research in Agricultural Genomics               | ES           | METACAM              | Metabolic flexibility in drought: Leveraging Portulaca for defining design principles for a combined C4-CAM pathway       | LS9   |
| ROVIRA CLAVE          | Xavier     | Institut de Bioenginyeria de Catalunya                    | Institute for Bioengineering of Catalonia                  | ES           | SpaceClones          | Integrative profiling and engineering of clonal cancer cell behaviours: from the tissue level down to the molecular scale | LS2   |
| SANTOS MORENO         | Javier     | Universitat Pompeu Fabra                                  | Pompeu Fabra University                                    | ES           | TICK-TOCK Do and Die | Engineering biological timers and their applications  | LS9   |
| WCULEK                | Stefanie   | Fundacio Privada Institut de Recerca Biomedica IRB        | Institute for Research in Biomedicine                      | ES           | MyTissue             | Studying the metabolism and function of myeloid dendritic cells and neutrophils in distinct tissues in health and aging   | LS6   |
| JUNTTILA              | Samuli     | Itä-Suomen yliopisto                                      | University of Eastern Finland                              | FI           | DRYTREE              | Environmental thresholds for drought- and heat-related tree mortality   | LS8   |
| LAANTO                | Elina      | Jyväskylän Yliopisto                                      | University of Jyväskylä                                    | FI           | GIAPHAGE             | Life of Giant Phages  | LS8   |
| LENGEFELD             | Jette      | Helsingin yliopisto                                       | University of Helsinki                                     | FI           | StemCellSize         | Cell size as driver of stem cell aging and cancer   | LS3   |
| BENAJIBA              | Lina       | Institut national de la santé et de la recherche médicale | National Institute of Health and Medical Research (INSERM) | FR           | OncoNichPath         | Unmasking the dynamic influence of the hematopoietic niche as an oncogenic path to myeloid neoplasms evolution            | LS4   |
| BIZZOTTO              | Sara       | Institut du cerveau et de la moelle épinière              | Institute for Brain and Spinal Cord                        | FR           | LINMOS               | Lineage tracing of the human brain  | LS5   |
| BONAZZI               | Daria      | Institut national de la santé et de la recherche médicale | National Institute of Health and Medical Research (INSERM) | FR           | HOMEPTH              | Control of Host Mechanics by a Bacterial Pathogen and Functional Impact   | LS3   |
| BULIN                 | Anne-Laure | Institut national de la santé et de la recherche médicale | National Institute of Health and Medical Research (INSERM) | FR           | RADIANCE             | Nanoscintillators to potentiate brain cancer radiotherapy: from physics to preclinical trials                             | LS7   |

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| BURIOLI           | Erika      | Université de Montpellier  | University of Montpellier                                  | FR           | HYPERCAN   | Mechanisms and evolutionary significance of hyperploidy variations in a long-lived parasitic cancer | LS8   |
| DELLOYE-BOURGEOIS | Céline     | Centre National de la Recherche Scientifique (CNRS)                                  | National Center for Scientific Research (CNRS)             | FR           | CANEUTREAT | Decrypting neuro-cancer crosstalk in pediatric cancers of the peripheral nervous system             | LS4   |
| GIRARD            | Chloe      | Centre National de la Recherche Scientifique (CNRS)                                  | National Center for Scientific Research (CNRS)             | FR           | DYNACO     | DYNAMics of CrossOver designation   | LS2   |
| GOMES             | Ana        | Centre National de la Recherche Scientifique (CNRS)                                  | National Center for Scientific Research (CNRS)             | FR           | Janus      | Cell cycle progression in malaria parasites   | LS6   |
| GUINAT            | Claire     | Institut national de recherche pour l'agriculture, l'alimentation et l'environnement | INRAE  | FR           | TrackFLU   | Tracking the spread of avian influenza viruses in live bird market networks                         | LS9   |
| LEFEVRE           | Arthur     | Centre National de la Recherche Scientifique (CNRS)                                  | National Center for Scientific Research (CNRS)             | FR           | MarmOTChat | Oxytocin regulates marmosets' affiliation and vocal communication                                   | LS5   |
| LIBIS             | Vincent    | Institut national de la santé et de la recherche médicale                            | National Institute of Health and Medical Research (INSERM) | FR           | MeDiSyn    | Scalable Microbial Metabolite Discovery Through Synthetic Biology                                   | LS9   |
| MÉROT             | Claire     | Centre National de la Recherche Scientifique (CNRS)                                  | National Center for Scientific Research (CNRS)             | FR           | EVOL-SV    | The role of structural genomic variants in eco-evolutionary processes                               | LS8   |
| PASSARO           | Diana      | Institut national de la santé et de la recherche médicale                            | National Institute of Health and Medical Research (INSERM) | FR           | PLASTECITY | PLASTicity of Endothelial Cell as new Target for acute myeloid leukemia Therapy                     | LS4   |
| SERRA             | Heidi      | Centre National de la Recherche Scientifique (CNRS)                                  | National Center for Scientific Research (CNRS)             | FR           | MeioPoly   | Meiotic adaptation to allopolyploidy  | LS2   |
| BROWNE            | Hilary     | University College Cork, National University of Ireland                              | University College Cork, National University of Ireland    | IE           | SYNergize  | SYNergize: Understanding spore-forming gut bacteria biology to target pathogens                     | LS2   |



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| GAHAN      | James      | University of Galway                      | University of Galway                      | IE           | OriCellDiff        | Deciphering the origins of cell differentiation and developmental gene regulation in animals                                       | LS8   |
| ALON       | Shahar     | Bar-Ilan University                       | Bar-Ilan University                       | IL           | TouchCancer        | Using super-resolved in situ sequencing to reveal the cellular encoding of immune-tumour contact events                            | LS7   |
| BAR-YAACOV | Dan        | Ben-Gurion University of the Negev        | Ben-Gurion University of the Negev        | IL           | REDBAC             | Occurrence, Regulation, and Function of Bacterial mRNA Editing Under Diverse Environments  | LS8   |
| BASU       | Raunak     | The Hebrew University of Jerusalem        | The Hebrew University of Jerusalem        | IL           | ChoiceSpace        | Task-relevant cognitive maps and their role in spatial decision-making   | LS5   |
| BREKER     | Michal     | The Hebrew University of Jerusalem        | The Hebrew University of Jerusalem        | IL           | Chloro-Import      | Systematic mapping of the chloroplast protein import system  | LS3   |
| DAR        | Daniel     | Weizmann Institute of Science             | Weizmann Institute of Science             | IL           | SocialBugs         | Visualizing microbial societies: exposing the principles of single-cell phenotypic heterogeneity via massively multiplexed imaging | LS2   |
| ENGELHARD  | Ben        | Technion - Israel Institute of Technology | Technion - Israel Institute of Technology | IL           | DopamineLearnLoops | Toward a new understanding of learning in the brain: dynamic parallel circuit loops for complex learning                           | LS5   |
| OREN       | Yaara      | Tel Aviv University                       | Tel Aviv University                       | IL           | CancerPersisters   | Understanding and targeting cancer persister cells   | LS4   |
| PERLMAN    | Or         | Tel Aviv University                       | Tel Aviv University                       | IL           | BabyMagnet         | Transformative Pediatric Brain Cancer Imaging using Integrated Biophysics-AI Molecular MRI   | LS7   |
| SHEMA      | Efrat      | Weizmann Institute of Science             | Weizmann Institute of Science             | IL           | EpiCancer          | Comprehensive Platform for the Functional Characterization of Cancer Epigenetics and Diagnosis                                     | LS9   |

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| UMSCHWEIF   | Gali       | The Hebrew University of Jerusalem                      | The Hebrew University of Jerusalem               | IL           | ZoomINs          | The missing link: inhibitory interneurons as the core of anxiety and depression comorbidity      | LS5   |
| ZINGER      | Assaf      | Technion - Israel Institute of Technology               | Technion - Israel Institute of Technology        | IL           | MILKOSOMES       | Breast Milk Biomimetic Nano Particles as a Versatile, Non-Invasive, Oral Drug Delivery Tool      | LS7   |
| CATTANEO    | Paola      | Consiglio Nazionale delle Ricerche                      | Italian National Research Council                | IT           | Novel.CaRe       | Harnessing Novel Micropeptides in Cardiomyocytes to promote Cardiac Regeneration                 | LS4   |
| DE GIOVANNI | Marco      | Università Vita-Salute San Raffaele                     | Vita-Salute San Raffaele University              | IT           | GREMLIN          | The role of GPCRs and homing molecules in the control and regionalization of mucosal immunity.   | LS6   |
| GALLINA     | Irene      | Università degli Studi di Padova                        | University of Padua                              | IT           | KAPTION          | Mechanisms of Kaposi's sarcoma herpesvirus replication and maintenance during latency            | LS1   |
| VERNIERI    | Claudio    | Fondazione Istituto Firc di Oncologia Molecolare        | FIRC Institute for Molecular Oncology (IFOM)     | IT           | METABALANCANCE R | Setting the optimal balance between metabolite supplementation and deprivation in cancer therapy | LS7   |
| BELDERBOS   | Mirjam     | Prinses Maxima Centrum voor Kinderoncologie             | Princess Maxima Center for Pediatric Oncology    | NL           | RESTART          | How is blood (re-)made? Regeneration of human hematopoietic stem cells after transplantation     | LS7   |
| DEVALLA     | Harsha     | Academisch Medisch Centrum - Universiteit Van Amsterdam | Academic Medical Centre, University of Amsterdam | NL           | Beat-to-Beat     | Unraveling pacemaker (dys)function using novel stem cell-derived human heart models              | LS4   |
| FREAL       | Amélie     | VU Medisch Centrum                                      | VU Medical Centre Amsterdam                      | NL           | PLaisTICITY      | Axon Initial Segment plasticity: unravelling the mechanisms that control neuronal excitability   | LS5   |
| LOHBECK     | Madelon    | Wageningen University                                   | Wageningen University                            | NL           | REACT            | Regreening Africa with natural regeneration  | LS8   |

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| SCHWAB    | Bettina    | Universiteit Twente                                     | University of Twente                             | NL           | DECODE              | Desynchronizing weak cortical fields during deep brain stimulation   | LS7   |
| THIJSSSEN | Rachel     | Academisch Medisch Centrum - Universiteit Van Amsterdam | Academic Medical Centre, University of Amsterdam | NL           | SC-Plasticity       | Applying novel single-cell multiomics to elucidate leukaemia cell plasticity in resistance to targeted therapy   | LS7   |
| BOCCARA   | Charlotte  | Universitetet i Oslo                                    | University of Oslo                               | NO           | SleepCog            | Map and manipulate sleep oscillations to reveal their role in healthy cognitive development  | LS5   |
| GABANYI   | Ilana      | Fundação Calouste Gulbenkian                            | Calouste Gulbenkian Foundation                   | PT           | MicrobiotaNeuroTalk | Trafficking mechanisms and physiological factors mediating a direct gut microbiota-brain neuron interaction  | LS4   |
| GHEDINI   | Giulia     | Fundação Calouste Gulbenkian                            | Calouste Gulbenkian Foundation                   | PT           | META_FUN            | Mapping metabolic responses to understand coexistence and community functioning  | LS8   |
| MINUTTI   | Carlos     | Fundação Champalimaud                                   | Champalimaud Foundation                          | PT           | cDCFun              | Conventional Dendritic Cells – Ecology, Diversity, and Function  | LS6   |
| KARLSSON  | Kasper     | Karolinska Institutet                                   | Karolinska Institute                             | SE           | Precision Lethality | Precision Lethality to overcome clonal heterogeneity in high-risk neuroblastoma  | LS7   |
| LOPEZ     | Juan Pablo | Karolinska Institutet                                   | Karolinska Institute                             | SE           | FASTer              | Identifying the Fast-acting Antidepressant Signatures of Treatment Response with psychedelic compounds using a novel behavioral tracking system and single-cell resolution | LS5   |
| MEHRSHAD  | Maliheh    | Sveriges Lantbruksuniversitet                           | Swedish University of Agricultural Sciences      | SE           | MULTIPHAGE          | Phage co-infection: a missing link in deciphering phage co-evolutionary dynamics   | LS8   |
| OLITO     | Colin      | Lunds universitet                                       | Lund University                                  | SE           | separatingSexes     | Many paths to separate sexes: the genomics of sex-determination in the Hawaiian Wikstroemia  | LS8   |

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| PUCETAITE    | Milda      | Lunds universitet           | Lund University           | SE           | INTERSPEC      | Tracing single-cell scale chemical signaling between interacting soil fungi                                      | LS8   |
| REMS         | Lea        | Univerza v Ljubljani        | University of Ljubljana   | SI           | REINCARNATION  | Reversible and irreversible cardiac electroporation: Establishing the fundamentals to advance cardiac treatments | LS9   |
| HETHERINGTON | Alexander  | University of Edinburgh     | University of Edinburgh   | UK           | WhyFib         | Uncovering the evolutionary history and significance of Fibonacci spirals in vascular plants                     | LS8   |
| PANDEY       | Bipin      | University of Nottingham    | University of Nottingham  | UK           | GROUNDBREAKING | Discovering how roots sense compacted soils  | LS3   |
| QING         | Yujia      | University of Oxford        | University of Oxford      | UK           | NANOPRO        | Enzymeless nanopore proteoform identification  | LS9   |
| VAN DORP     | Lucy       | University College London   | University College London | UK           | RED-MAP        | Recovering Evolutionary Drivers of MAlarial Parasites – leveraging genomics past and present                     | LS8   |