Call ID	Project ID	Principal Investigator (PI)	Host Institute	PI category	Project title
26-DHA-ROUND-1	2637097	BERTERO, Alessandro	Università degli Studi di TORINO	Junior	Standardizing and disseminating iPS2-seq through webcatcheR, a guided web platform for design, quality control, and clone-aware single-cell perturbation analysis
26-DHA-ROUND-1	2609294	COSTANZO, Vincenzo	Università degli Studi di MILANO	Established	Quantitative analysis of Single-Molecule Protein-DNA Interactions with Optical Tweezers
26-DHA-ROUND-1	2636629	INFORZATO, Antonio	HUMANITAS University	Established	Bacterial osteomyelitis at cellular resolution: the role of pentraxin 3
26-DHA-ROUND-1	2637533	PELLEGATTA, Serena	Fondazione Istituto Neurologico Carlo Besta - Milano	Established	Single-cell analysis of the tumor-immune microenvironment in Peripheral Nervous System tumors
26-DHA-ROUND-1	2606019	PERCIO, Stefano	Fondazione IRCCS Istituto Nazionale dei tumori - Milano	Junior	Single-cell RNA sequencing for investigating changes in tumor cells and tumor immune microenvironment of soft tissue sarcomas after chemo-immunotherapy: analysis and training
26-DHA-ROUND-1	2631445	SORRENTINO, Giovanni	Università degli Studi di TRIESTE	Junior	Spatially resolved immune phenotyping across collagen-defined microdomains in human desmoplastic tumors
26-G-ROUND-1	2597217	ALBERTINI, Emidio	Università degli Studi di PERUGIA	Established	Whole-Genome Sequencing of Deletion Mutants to Identify Apomeiosis Genes in Taraxacum officinale
26-G-ROUND-1	2630248	ANDREATA, Francesco	UNISR - Università Vita Salute San Raffaele	Junior	Decoding the intrahepatic immune microenvironment in chronic hepatitis B
26-G-ROUND-1	2621354	BANG, Marie Louise	Istituto Clinico Humanitas - Rozzano (Milano)	Established	Deciphering the contribution of A-to-I RNA editing to heart failure using Nanopore direct RNA sequencing.
26-G-ROUND-1	2626035	BONI, Carolina	Università degli Studi di PARMA	Established	Transcriptional characterization of T cell dysfunction in chronic HDV/HBV coinfection
26-G-ROUND-1	2631279	CARACAUSI, Maria	Alma Mater Studiorum - Università di BOLOGNA	Junior	NST21D (nanopore sequencing T21 deletion)-Validation of the HR-DSCR deletion created by CRISPR-Cas9 RNP complexes in iPS cells with trisomy 21
26-G-ROUND-1	2636253	DAMIANI, Chiara	Università degli Studi di MILANO-BICOCCA	Established	Linking Tumor Nutritional Profiles and Tumor-Associated Microbiota
26-G-ROUND-1	2607649	DEFILIPPI, Paola	Università degli Studi di TORINO	Established	Single-nucleus RNA sequencing on WT and SRCIN1 KO cortical organoids will reveal developmental defects and dysregulated pathways associated with SRCIN1 deficiency in neurodevelopmental disorders.
26-G-ROUND-1	2609712	DI MARCOTULLIO, Lucia	Università degli Studi di ROMA "La Sapienza"	Established	Expanding the Molecular Atlas of Meningioma: Integrating Transcriptomics into a Whole-Genome Sequencing dataset
26-G-ROUND-1	2621069	FANTINI, Sebastian	Università degli Studi di MODENA e REGGIO EMILIA	Junior	Deciphering histopathological remodeling and disease progression in FSHD mouse model through spatial transcriptomics.
26-G-ROUND-1	2617763	GEMIGNANI, Federica	Università di PISA	Established	A circulating miRNA signature for early detection of pleural mesothelioma
26-G-ROUND-1	2635395	GIULIANI, Nicola	Università degli Studi di PARMA	Established	Study of the bone marrow microenvironment cells in multiple myeloma patients with 1q21 gain/amplification
26-G-ROUND-1	2609838	LANZAFAME, Manuela	CNR - Istituto di genetica molecolare "Luigi Luca Cavalli Sforza" (IGM) - Pavia	Junior	Decoding tumour-permissive and tumour-restrictive stromal states from melanoma-fibroblast spheroids by single-cell transcriptomics
26-G-ROUND-1	2636649	LODATO, Simona	HUMANITAS University	Established	Developing a High-Resolution Spatial Atlas of the Fetal Choroid Plexus to Decode Tissue Complexity and Benchmark Novel 3D Human Organoid Models (CHOROID-SPACE)
26-G-ROUND-1	2636646	MARTINELLI BONESCHI, Filippo Giovanni	Università degli Studi di MILANO	Established	Allele-Specific Methylation at putative Imprinting-Associated Loci in pediatric Multiple Sclerosis (pedMS): Targeted Methyl-seq validation of differentially methylated regions in the PEDIGREE Cohort
26-G-ROUND-1	2591685	MICHIENZI, Alessandro	Università degli Studi di ROMA "Tor Vergata"	Established	Characterization of ADAR1 dysfunction in primary cells from Aicardi-Goutières Syndrome patients
26-G-ROUND-1	2598286	MISSALE, Gabriele	Università degli Studi di PARMA	Established	Decoding molecular programs of tumor-specific and terminally exhausted CD8+ T cells in hepatocellular carcinoma
26-G-ROUND-1	2601716	MOLOGNI, Luca	Università degli Studi di MILANO-BICOCCA	Established	Molecular profiling of circulating tumor DNA in anaplastic large-cell lymphoma using nanopore sequencing
26-G-ROUND-1	2625885	MUSSA, Alessandro	Università degli Studi di TORINO	Established	Long-read profiling of unresolved neurodevelopmental disorders with skewed X-chromosome inactivation
26-G-ROUND-1	2599317	NEGRO, Samuele	Università degli Studi di PADOVA	Junior	Endosomal Axonal Transport as a Central Driver of Motor Neuron Regeneration
26-G-ROUND-1	2602476	ORI, Michela	Università di PISA	Established	Transcriptomic identification of TCF4-dependent tractable pathways in a zebrafish model of Pitt-Hopkins Syndrome
26-G-ROUND-1	2571213	PICHIERRI, Pietro	Istituto Superiore di Sanità - ISS	Established	Using sBLISS to draw a genome-wide mapping of DNA double-strand breaks in microsatellite-unstable cancer cells and reveal MUS81-independent break formation upon WRN helicase inhibition
26-G-ROUND-1	2632855	POLI, Tito	Università degli Studi di PARMA	Established	Salivary miRNAome for risk stratification of Oral Squamous Cell Carcinomas
26-G-ROUND-1	2589853	PONTARIN, Giovanna	Università degli Studi di PADOVA	Junior	Uncovering the role of Endothelioum in Mitochondrial Myopathies

26-G-ROUND-1	2592112	RAMAZZOTTI, Daniele	Università degli Studi di MILANO-BICOCCA	Junior	Epigenetic persistence of NSCLC evolution across matched tumor and patient-derived organoids
26-G-ROUND-1	2605465	RAMPAZZO, Alessandra	Università degli Studi di PADOVA	Established	Single-Cell Multiome Profiling to Reveal Epigenetic Mechanisms of Givinostat Response in Arrhythmogenic Cardiomyopathy
26-G-ROUND-1	2602063	REGGIO, Alessio	UniCamillus - Saint Camillus International University of Health Sciences	Junior	MethylCATENIN: dissecting disease-specific and β-catenin-driven methylome states in Duchenne Muscular Dystrophy fibro/adipogenic progenitors
26-G-ROUND-1	2525611	RICCI, Francesca	Istituto di ricerche farmacologiche Mario Negri - Milano, Bergamo, Ranica	Junior	Epigenetic Regulation of Tumor Drug Adaptation in Ovarian Carcinoma Models
26-G-ROUND-1	2638564	RIVOLTINI, Licia	Fondazione IRCCS Istituto Nazionale dei tumori - Milano	Established	Extracellular vesicles as mediators and biomarkers of immune rewiring after liver transplantation in cancer patients pretreated with immunotherapy
26-G-ROUND-1	2615736	SANCISI, Valentina	Istituto in tecnologie avanzate e modelli assistenziali in oncologia - Reggio Emilia	Established	Exploring hypoxia-induced alterations of RNA biology in lung cancer
26-G-ROUND-1	2573493	SASSERA, Davide	Università degli Studi di PAVIA	Established	Population genomics of Ixodes ricinus to understand patterns of migration and gene flow
26-G-ROUND-1	2594601	SCUDERI, Caterina	Università degli Studi di ROMA "La Sapienza"	Established	Deciphering astrocyte-induced oligodendrocyte dysfunction in Alzheimer's disease: molecular pathways of damage and rescue
26-G-ROUND-1	2630519	TISO, Natascia	Università degli Studi di PADOVA	Established	POLARIS: POLG/POLG2 Analysis by RNA-seq at Individual-cell Scale
26-GEDM-ROUND-1	2602417	ARALDI, Elisa	Università degli Studi di PARMA	Junior	Modeling Peptide Amidation Defects in Human iPSC-Derived Endocrine Lineages to Elucidate Hormone Dysfunction Mechanisms
26-GEDM-ROUND-1	2634844	BALLARINO, Monica	Università degli Studi di ROMA "La Sapienza"	Established	Splicing Wave Intervention to Target CHarme lncRNA (SWITCH)
26-GEDM-ROUND-1	2630596	BELLIN, Milena	Università degli Studi di PADOVA	Established	CLARITY: Reclassification of Variants of Uncertain Significance in Arrhythmogenic Cardiomyopathy
26-GEDM-ROUND-1	2631542	BERNARDI, Rosa	IRCCS Ospedale San Raffaele - Milano	Established	Engineering endogenous PML with fluorescent and degron tags to resolve the dynamics of protein complexes at PML nuclear bodies in breast cancer
26-GEDM-ROUND-1	2561115	CARPI, Sara	CNR - Istituto di Nanoscienze (NANO) - Pisa	Junior	Reprogramming Krabbe disease patient fibroblasts into iPSCs to investigate microglial pathology and therapeutic delivery
26-GEDM-ROUND-1	2635666	DE LEONIBUS, Elvira	CNR - Istituto di Biochimica e Biologia Cellulare (IBBC) - Napoli	Established	Patient-Specific iPSC Models to Elucidate Pathomechanisms of Altered Heparan Sulfate Metabolism in Mucopolysaccharidosis
26-GEDM-ROUND-1	2589157	DI MEO, Ivano	Fondazione Istituto Neurologico Carlo Besta - Milano	Established	Generation of mutation-relevant iPSCs for mechanistic and therapeutic studies in PKAN and CoPAN
26-GEDM-ROUND-1	2588807	GHIGNA, Claudia	CNR - Istituto di genetica molecolare "Luigi Luca Cavalli Sforza" (IGM) - Pavia	Established	Generation of human endothelial cells expressing specific protein isoforms of the alternative splicing factor Nova2
26-GEDM-ROUND-1	2561356	MORTELLARO, Alessandra	IRCCS Ospedale San Raffaele - Milano	Established	Generation of Patient-Derived and ADA2-Knockout Human iPSC Lines for DADA2 Modeling
26-GEDM-ROUND-1	2622368	POLO, Simona Laura Anna	Università degli Studi di MILANO	Established	Targeted restoration of the epithelial myosin VI isoform in cancer cells through CRISPR/Cas9 Editing of RNA regulatory cis elements
26-GEDM-ROUND-1	2592467	SCALA, Marcello	Istituto Giannina Gaslini - Genova	Junior	Human iPSC-based disease modelling of RASSF10 neurodevelopmental disorder through genome engineering
26-GEDM-ROUND-1	2621064	XINARIS, Christodoulos	Istituto di ricerche farmacologiche Mario Negri - Milano, Bergamo, Ranica	Established	Uncovering the mechanisms of Alport Syndrome using patient-derived glomerulus-on-chip
26-GEDM-ROUND-1	2602654*	AZARNIA TEHRAN, Domenico	Università degli Studi di PADOVA	Junior	Investigating the role of membrane vesicle trafficking in primary cilium formation and maintenance
26-GEDM-ROUND-1	2585677*	LOLLI, Graziano	Università degli Studi di TRENTO	Established	Generation of Isogenic iPSC Controls for Human Lafora Disease Models
26-LI-ROUND-1	2636694	BASSANI, Barbara	IRCCS Multimedica - Milano	Junior	Cellular and Mitochondrial Effects of Novel Glucose-Lowering Drugs in Cancer Immunotherapy-Associated Cardiotoxicity
26-LI-ROUND-1	2597980	BOTTANI, Emanuela	Università degli Studi di VERONA	Junior	Investigating the epileptic phenotype in murine brain organoids modeling Jamuar Syndrome
26-LI-ROUND-1	2609810	DE ANDREA, Marco	Università degli Studi di TORINO	Established	Nanoscale mapping of nuclear stress states in HCMV/BKPyV co-infected renal epithelial cells
26-LI-ROUND-1	2605851	GENTILE, Antonietta	Università degli Studi di ROMA "Tor Vergata"	Established	Live-cell imaging to decode microglial metabolic dysfunction in a genetic model of Autism Spectrum Disorder
26-LI-ROUND-1	2636358	IORIO, Marilena	Fondazione IRCCS Istituto Nazionale dei tumori - Milano	Established	Molecular and functional characterization of platelet-derived extracellular vesicles in early breast cancer
26-LI-ROUND-1	2633545	MATTEOLI, Michela	Istituto Clinico Humanitas - Rozzano (Milano)	Established	Functional and anatomical investigation of cholinergic projections targeting sensory cortices
26-LI-ROUND-1	2639756	VIVACQUA, Giorgio	Università "Campus Bio-Medico" di ROMA	Junior	High-resolution connectomic dissection of functional micro-units across cortical, subcortical and white-matter ASD-relevant territories in the VPA rat model

26-SB-ROUND-1	2573198	ACCONCIA, Filippo	Università degli Studi ROMA TRE	Established	Biomass preparation for the purification of the point-mutated disease-causing estrogen receptor α (ERα) mutations underlying the common clinical phenotype of estrogen insensitivity syndrome in HEK293F cells
26-SB-ROUND-1	2624454	BIASIN, Mara	Università degli Studi di MILANO	Established	Mapping hRSV-induced organelle proteome remodeling by Organelle-IP coupled to mass spectrometry
26-SB-ROUND-1	2636514	CRESPAN, Emmanuele	CNR - Istituto di genetica molecolare "Luigi Luca Cavalli Sforza" (IGM) - Pavia	Established	Visualizing RNase H2 Target Search and Substrate Recognition at the Single-Molecule Level
26-SB-ROUND-1	2598421	CURRA, Chiara	Istituto Superiore di Sanità - ISS	Established	Exploring the dynamics of Plasmodium oocyst capsule and host - parasite interaction
26-SB-ROUND-1	2622514	DAL CORSO, Alberto	Università degli Studi di MILANO	Junior	Binding Characterization of Novel Small Antibody Dimers
26-SB-ROUND-1	2635351	FERRARIS, Davide Maria	Università degli Studi del PIEMONTE ORIENTALE	Established	Biophysical and Cryo-EM Analysis of human Acetyl-CoA Synthetase in Complex with Inhibitors for Rational Drug Discovery against Cancer and Metabolic Diseases
26-SB-ROUND-1	2621102	FRANCOLINI, Maura	Università degli Studi di MILANO	Established	Room Temperature Electron tomography (TEM and/or STEM) for the 3D reconstruction of central synapses in murine models of neurodevelopmental disorders
26-SB-ROUND-1	2624553	GASPARRINI, Massimiliano	Università Politecnica delle MARCHE	Junior	Expression and biophysical characterization of the NAMPT-TLR4 complex for exploring its role in inflammatory response
26-SB-ROUND-1	2605377	MAPELLI, Marina	IEO - Istituto Europeo di Oncologia - Milano	Established	Structural studies of the Wnt enhanceosome
26-SB-ROUND-1	2605421	MITRO, Nico	IEO - Istituto Europeo di Oncologia - Milano	Established	Mapping mitochondrial ultrastructural remodeling driven by PU.1 loss in myelodysplastic syndromes
26-SB-ROUND-1	2622270	MOROSINOTTO, Tomas	Università degli Studi di PADOVA	Established	MOVE II MOss Volume Electron microscopy – part II
26-SB-ROUND-1	2631407	MUNARI, Francesca	Università degli Studi di VERONA	Junior	Expression and purification of human Fyn protein
26-SB-ROUND-1	2618571	OBERKERSCH, Roxana Elena	Università degli Studi di PADOVA	Junior	ATF4 interactome in endothelial cells: investigating translation control under mTORC1 activation and stress response conditions
26-SB-ROUND-1	2585448	ONELLI, Elisabetta	Università degli Studi di MILANO	Established	THE EFFECT OF ALTERED LIPID PATTERNS ON THE ULTRASTRUCTURE OF THE GOLGI BODIES AND TRANS-GOLGI NETWORK (TGN).
26-SB-ROUND-1	2606304	PENZO, Marianna	Alma Mater Studiorum - Università di BOLOGNA	Junior	Identifying Amino Acids Incorporated during Drug-Induced Translational Readthrough (ID-READ)
26-SB-ROUND-1	2621490	RASOLA, Andrea	Università degli Studi di PADOVA	Established	Exploring the role of oligomeric TRAP1 assemblies in cancer cells
26-SB-ROUND-1	2639497	SANTAMARIA, Sara	Ospedale Policlinico San Martino - Genova	Junior	High-Resolution TEM Analysis of EV and Lipoprotein Trafficking in NSCLC Immunotherapy Resistance
26-SB-ROUND-1	2591457	VANONI, Maria Antonietta	Università degli Studi di MILANO	Established	Structural bases of the mechanism of activation of human MICAL1,the flavoenzyme participating in actin cytoskeleton dynamics,by F-actin

(*) These projects were placed on the reserve list and subsequently granted access when additional capacity became available.