Cellular OncoMetabolism Lab					
DESCRIZIONE PRESTAZIONE		RESPONSABILE	U.M.	COSTO TOT. € (IVA escl.)	COD. TARIFF.
Service of protocol set-up for production and characterization of homotypic spheroids or characterization of existing models of homotypic spheroids from immortalized cell lines	Set-up of protocol for the production of spheroid culture (1 cell line - 20 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€1.617,98	COMET.1.1
	Morphometric characterization using confocal microscopy of spheroids in standard condition or after specific treatment - Operetta CLS (1 cell line - 5 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€717,58	COMET.1.2
	Quantitative data analysis on confocal imaging results - processing of images, quantitative data extraction and analysis (1 cell line - 2 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€100,00	COMET.1.3
Service of protocol set-up for production and characterization of heterotypic spheroids or characterization of existing models of heterotypic spheroids from immortalized cell lines and different stromal populations	Set-up of protocol for the production of spheroid culture (30 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€2.117,98	COMET.2.1
	Morphometric characterization using confocal microscopy of spheroids in standard condition or after specific treatment - Operetta CLS (10 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€1.300,34	COMET.2.2
	Quantitative data analysis on confocal imaging results - processing of images, quantitative data extraction and analysis (3 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€150,00	COMET.2.3
Sample preparation for omics analysis including: set up of the experiment - sample preparation and data collection under basal condition and\or nutritionally or pharmacologically perturbed conditions (biological duplicate with at least 3 technical replicate) - Data normalization per cell through imaging - data processing	Sample preparation for omics analysis of monolayer culture (2D) (16 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€934,83	COMET.3.1
	Data normalization per cell through imaging - data processing (2D) (2 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€242,99	COMET.3.2
	Sample preparation for omics analysis of homotypic spheroid culture (3D) (16 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€1.137,08	COMET.3.3
	Data normalization per cell through imaging - data processing (3D) (1 hour of work expected)	Marco Vanoni / Elena Sacco	€/cad	€127,11	COMET.3.4
	Sample preparation for omics analysis of heterotypic spheroid culture (3D) (16 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	€1.137,08	COMET.3.5
	Data normalization per cell through imaging - data processing (3D) (1 hour of work expected)	Marco Vanoni / Elena Sacco	€/cad	€127,11	COMET.3.6

Study of functional metabolism by Seahorse Technology Analysis - XFe96	**Study of functional mitochondrial metabolism with "Mitostress test Kit" on monolayer culture (2D) for each plate (3 hours of work expected)**	Marco Vanoni / Elena Sacco	€/cad	**€462,29**	COMET.4.1
	Study of functional mitochondrial metabolism with "Mitostress test Kit" on spheroid culture (3D) for each plate (4 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€541,48**	COMET.4.2
	Study of functional glycolytic metabolism on monolayer culture (2D) for each plate (3 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€462,29**	COMET.4.3
	Study of functional glycolytic metabolism on spheroid culture (3D) (4 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€541,48**	COMET.4.4
	Study of functional metabolism on non-adherent cell populations with "T-cell metabolic profiling kit" (4 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€678,90**	COMET.4.5
	Quantitative imaging analysis associated to seahorse analysis for cell number normalization on monolayer culture (2D) and non-adherent cell populations - Operetta CLS (1.5 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€185,06**	COMET.4.6
	Quantitative imaging analysis associated to seahorse analysis for cell number normalization on spheroid culture (3D) - Operetta CLS (1.5 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€185,06**	COMET.4.7
	Data processing and analysis of seahorse results for description of metabolic profile (4 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€200,00**	COMET.4.8
High content Imaging analysis using confocal microscopy (recommended for 2D cellular models)	**Study of mitochondrial metabolism with cationic dyes (4 hours of work expected)**	Marco Vanoni / Elena Sacco	€/cad	**€542,16**	COMET.5.1
	Evaluation using dyes of cell redox status (mitochondrial and cellular ROS) (6 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€796,38**	COMET.5.2
	Characterization of fatty acid metabolism (oxidation and distribution) using specific dyes (8 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€1.061,84**	COMET.5.3
	Imaging data processing and analysis (4 hours of work expected)	Marco Vanoni / Elena Sacco	€/cad	**€463,51**	COMET.5.4

Richiesta scritta (con nominativo, indirizzo, C.F. o P.IVA, firma del richiedente) da indirizzare a:

Direttore Dip.to Prof.ssa Francesca Granucci
francesca.granucci@unimib.it

e p/c a uno dei Referenti:

Dr. Valentina Pasquale
valentina.pasquale@unimib.it

BTBS - Dipartimento di Biotecnologie e Bioscienze
Università degli Studi di Milano-Bicocca
Piazza della Scienza, 2 - 20126 Milano - Italia