

Supplementary Table S1. Biological material stored in UPO Biobank.

PROJECT	EDTA plasma	Sodium- citrate plasma	Lithium- heparin plasma	Serum	PBMCs	DNA-RNA	Saliva	Urine	Stool
UPO-COVID-19	X	X	X	X	X	X			
The UnIRSA Cohort Study	X	X		X		X	X		
ddPCR OnCOVID	X	X		X		X			
AOU-ddPCR	X	X		X	X	X			
ema – NTA	X	X		X		X			
BioMAge	X	X	X	X		X	X	X	
DM-PREVENT	X	X	X	X		X		X	X
TED	X	X	X	X	X	X			
NO-MORE-COVID- 19	X	X	X	X		X	X	X	
KETOMI	X	X	X	X		X		X	X
KT-UPO-B (sampling begins in 2023)	X		X	X	X	X	X	X	

NO-MORE-COVID-19	X	X	X	X		X	X	X	
SIDERALE (sampling begins in 2023)	X	X	X	X		X		X	X
DELIVIDA (sampling begins in 2023)	X	X	X	X	X	X	X	X	
OPTION (sampling begins in 2023)	X	X	X	X		X	X	X	X

Supplementary Table S2. Associated data stored in UPO Biobank.

LABORATORY DATA				
HEMATOLOGY	DIFFERENTIAL LEUKOCYTE COUNT	BIOCHEMISTRY	URINE BIOCHEMISTRY	MOLECULAR BIOLOGY
<ul style="list-style-type: none"> Laboratory location Reference values Exam date White blood cells ($\times 10^3/\text{microL}$) Red blood cells ($\times 10^6/\text{microL}$) Hemoglobin (g/dL) Platelets ($\times 10^3/\text{microL}$) 	<ul style="list-style-type: none"> Neutrophils % Lymphocytes % Monocytes % Eosinophils % Basophils % 	<ul style="list-style-type: none"> Basal glucose (mg/dl) Creatinine (mg/dl) Estimated glomerular filtrate rate (eGFR) Total cholesterol (mg/dl) Cholesterol HDL (mg/dL) Cholesterol LDL (mg/dL) Triglycerides (mg/dl) GOT/AST (U/L) GPT/ALT (U/L) GGT (U/L) Glycated hemoglobin Na (mEq/L) K (mEq/L) 	<ul style="list-style-type: none"> Morphologic description pH Glucose (mg/dL) Proteins (mg/dL) Hemoglobin (mg/dL) Ketone bodies (mg/dL) Bilirubin (mg/dL) Urobilinogen (mg/dL) Specific weight Nitrites Leukocyte esterase (Leu/microL) 	<ul style="list-style-type: none"> Research of SARS-CoV2 Date 1st + swab Date 1st – swab IgG SARS-CoV-2 antibodies (CLIA method) Serology date

ANAMNESIS				
ANAMNESIS	GENERAL INFORMATION	PATHOLOGIES	ACTIVITIES - OCCUPATION	WORK
	<ul style="list-style-type: none"> Screening programs (breast, colon, rectum, etc.) Surgical interventions (nervous, endocrine, respiratory system, etc.) 	<ul style="list-style-type: none"> Type of pathology (Alzheimer, hepatic cirrhosis, depression, etc.) Date of diagnosis Details on the kind of disease Stage of the disease Medicines/homeopathic products 	<ul style="list-style-type: none"> Employment definition (full-time, part-time, unemployed, retired, etc.) Work shifts Physical activity performed in the workplace (sedentary, standing, manual, etc.) Exposures (solvents, varnishes, paints, etc.) 	<ul style="list-style-type: none"> Work category (agriculture, industry, mechanical engineering, transportation, etc.) Clarifications about the workplace Clarifications on the instrumentations and materials used

Supplementary Table S3. Age distribution of subjects.

AGE - MINIMUM	AGE - MAXIMUM	AGE – MEAN	STANDARD DEVIATION	AGE - PERCENTILE						
				0.05	0.10	0.25	0.50 (MEDIAN)	0.75	0.90	0.95
21	92	57	16.01	81	77	69	58	45	32	28