

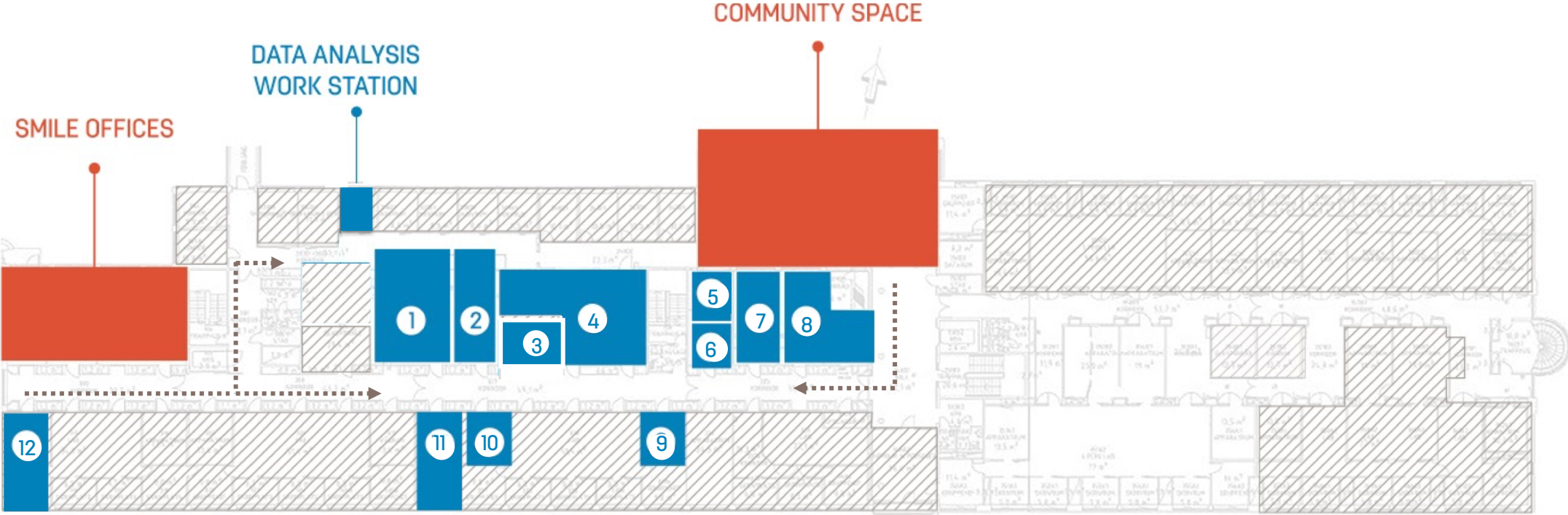


SMILE LABS INSTRUMENT LIST 2024

Gain access to our 300 m² core facility of 12 specialized laboratories and 1,700 m² of private laboratories so you can start working on your idea from day one – without having to invest in expensive instrumentation. It's all there for you.



FIND YOUR WAY AROUND OUR CORE FACILITIES



1 Protein Lab

2 Histology

3 FoodTech

4 Biological analysis & Mass Spectrometry

5 Analytical balances

6 Noise, centrifuges

7 Cell Lab 2 for primary cells

8 Cell Lab 1 for cell lines

9 Cell lab 3 for virus

10 Molecular Biology

11 Wet Lab

12 Imaging lab





LABORATORY	MANUFACTURER	INSTRUMENT
Protein lab	Beckman Coulter	Centrifuge Floor Refrigerated, J-E Ultracentrifuge, Optima XPN 80
	Implen	Nanophotometer, P330
	ScanLaf	Safety Cabinet, Class 2, Mars, for microbiology
	Haier Biomedical	CO2 incubator, HCP-168, for microbiology
	Termaks	Incubator, for microbiology
	PHI AB	Live Cell Imaging & Analysis, HoloMonitor M4
	Clifton	Water Bath, Large
	Amaxa	Nucleofector I
	Torrey Pines	Orbital mixer heated/cooled
	Ika	Orbital plate shaker
	Heraeus	Conventional Oven 37C
	ScanLaf	Safety Cabinet, Class 2, Sirius
	Mettler Toledo	Analytical Balance, Deltarange PR5002
	New Brunswick Scientific	Incubator Shaker Floor, Innova 43
	Mettler Toledo	pH meter, FiveEasy
	ELGA Veolia	Water purification system, Purelab flex 2
	Malvern Panalytical	Mastersizer
	Tuttnauer Systec	Autoclave Table, 2540 EL
Amersham Pharmacia Biotech	Äkta FPLC	



2

LABORATORY	MANUFACTURER	INSTRUMENT
Histology lab	ThermoFisher	Tissue Embedding, Histostar
	SLEE	Microtome, Cut 5067
	Leica	Cryostat, CM 3050 S
	SLEE	Cryostat, MEV+
	Leica	Microscope Binocular, DM 1000
	Olympus	Microscope Binocular, CH30
	Leica	Microscope Binocular, DM 1000
	Heraeus	Oven 300C, T6060
	Excelsior	Vacuum infiltration processor
	ThermoFisher	Western workflow: mini gel tank, iBlot2 + iBind
Applikon	3l Bioreactor for bacteria, autoclavable	

3

FoodTech lab	Anton Paar	Rotational Viscometer, ViscoQC300R & PTD175
	Stable Micro Systems	Texture Analyzer
	Labogene	Freeze Dryer, CoolSafe Touch 100-9
	FDM	Climate Camber, C Series



4

LABORATORY	MANUFACTURER	INSTRUMENT
Biological Analysis & Mass Spectrometry	Agilent	Uv/Vis spectroscopy 8453
		Agilent 6546 LC/Q-TOF, Quadrupole Time of Flight LC/MS, high resolution, high sensitivity, wide dynamic range
		GC-MS, Agilent 5973
	Thermo Scientific	Ion trap MSn, Best for Qualitative Analysis
	Perkin Elmer	FT-IR, Spectrum Two
	Thermo	Accela HPLC
	Applikon	Bioreactor for cells
	Molecular Devices	Multimode microplate reader, Spectramax i3, Absorbance, Fluorescence and Luminescence capabilities
	Beckman Coulter	Flow cytometer, CytoFLEX, 3 lasers with 13 fluorescence channels
Amersham Pharmacia Biotech	Äkta FPLC	



5

LABORATORY	MANUFACTURER	INSTRUMENT
Balances	Mettler Toledo	Analytical Balance, PR2002
		Balance, PB3001 - for centrifuge balance
		Analytical Balance, AT261
	Mettler Toledo	Micro Balance, MT5

6

Noise	Branson	Ultra Sonic Bath
	Eppendorf	Centrifuge 5424R- Eppendorf tubes
	Kinematica AG	Homogenizer, Polytron PT3000
	MSE	Sonicator, Soniprep 150
	Shandon	Centrifuge, Cytospin 3
	Fisherbrand	Centrifuge, GT 4R Expert, plates and tubes
	ThermoSavant	Speedvac SPD 2030
	Labogene	Freeze Dryer, CoolSafe Touch 100-9



7

LABORATORY	MANUFACTURER	INSTRUMENT
Cell lab 1 for cell lines	ThermoFisher	CO2 incubator, Stericycle i160 - 2 units
		CO2 incubator, HeraCell 140
		CO2 incubator, HeraCell 240
	Holten	LAF cabinet #1, HB2448
		LAF cabinet #2, Maxi Safe
		LAF cabinet #3, Maxi Safe
	Nikon	Fluorescence Microscope, Ts2-FL & Camera
	Chemometec	Nucleocounter NC202
	Invitrogen	Automated cell counter, Countess II
LabArmour	Metall bead bath	

8

Cell lab 2 for primary cells	ThermoFisher	CO2 incubator, Stericycle 370
	Haier Biomedical	CO2 incubator, HCP-168 – 2 units
	Holten	LAF cabinet # 1, HB2448
	ScanLaf	LAF cabinets # 2, Mars Premium
	Beckman Coulter	Centrifuge, Avanti J-15R - plates & tubes
	LabArmour	Metall bead bath
	Olympus	Microscope, CK40
	Invitrogen	Imaging system EVOS M5000



	LABORATORY	MANUFACTURER	INSTRUMENT
9	Cell lab 3 for virus	Haier Biomedical	CO2 incubator, HCP-168 – 2 units
		ScanLaf	LAF cabinet #1 , Mars Premium
			LAF cabinet #2 , Mars Premium
10	Molecular Biology	MJ research	PCR, PCT-200
		Biorad	RT-PCR, CFX96
11	Wet Lab	Beckman	Centrifuge, Allegra X-22
		Eppendorf	Thermomixer compact
		Clifton	Water bath large
		Neolab	Rocker for plates and tubes
		Heidolph	Vortex
		Quatitron	Micro Centrifuge



12

LABORATORY	MANUFACTURER	INSTRUMENT
Imaging lab	Leica	Fluorescence microscope, upright, DC500 + LAS-X imaging suit
		Fluorescence microscope , inverted, DM IRBE
	Molecular Devices	Automated fluorescence imaging system, ImageXpress Pico
	Invitrogen	iBright Imaging System for gels & blots, chemoluminescence and fluorescence

OTHER FACILITIES	MANUFACTURER	INSTRUMENT
Data Analysis workstation	Multiple	Kaluga Analysis,CytExpert, MetaXpress, SoftproMax, Holomonitor App Suite
Low temperature storage (*)		Ultra Low Temperature Freezers, -80°
		Liquid nitrogen storage tank

(*) We advice all users to keep a back-up of valuable material at another storage site. Smile does not take responsibility for malfunction of freezers or LN tanks.

LAB SERVICES

PROVIDER	SERVICE
SmiLe	Laboratory coat laundry, low temperature storage (one rack per company), ice and ultra-pure water
	Laboratory introduction & support by our experts
	Operation of advanced instruments, experiments, analysis and other laboratory assignments conducted by our experts
	Access to Lab Knowledge Base
	Access to ThermoFisher Supply Center
BredaBlick	Hazardous waste disposal
	Autoclaving and dish washing
Medicon Village	Dry ice, liquid nitrogen





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