The 3,000 sq. ft. Life Sciences Incubator is centrally located on the UC Riverside campus on the first floor of the Multidisciplinary Research Building (MRB). The Incubator is specially outfitted to house companies from life sciences, agriculture, biotechnology, and medical technologies. In addition to bench space, the Incubator features tissue culture rooms with six biosafety cabinets, four chemistry hoods, five plant growth chambers, and state-of-the-art equipment including:

- FPLC and HPLC
- UV/VIS spectrophotometer
- Nano-drop spectrophotometer
- Microplate reader
- Label-free Protein Analyzer
- Gel Electrophoresis
- Western Blotting
- Microscopes (incl. fluorescence)
- Analytical Balance
- Microbiome Facility with anaerobic workflow capability
- Flow Cytometer
- Cell Counter
- Cell sorter
- Live Cell Analysis System
- Centrifuges and Ultra-centrifuge
- Sonicator and Electroporator
- Cyrostat
- Microtome
- PCR and RT-PCR
- Refrigerators and Freezers
- Incubators / Shakers
- Cryo-storage
- Lyophilizer
- Rotovaps

In addition, residents will have access to core equipment facilities in the building and across campus, through a service agreement:

- Bioinformatics
- Confocal Microscopy
- Small Animal Vivaria
- Mass Spectrometry
- Nanofabrication Cleanroom
- Electron Microscopy
- NMR Spectroscopy
- Proteomics
- Stem Cell Core
- Plant Transformation

Most importantly, residents will also have the opportunity to interact and collaborate with UCR researchers, faculty, and students, attend seminars, use library and patent research services, access the UCR SBIR/STTR Resource Center and participate in INNOVAR entrepreneurial development workshops offered by EPIC SBDC.

Send inquiries to
LifeSciencesIncubator@ucr.edu
### Life Sciences Incubator

#### Floor Plan and Pricing

<table>
<thead>
<tr>
<th>Rate</th>
<th>Description</th>
<th>Monthly Rates</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bench Space in Rm 1211</td>
<td>$2,250</td>
<td></td>
<td>Use and access to all Incubator equipment.</td>
</tr>
<tr>
<td>Desk (one) in Rm 1221-1227</td>
<td>$400</td>
<td></td>
<td>Desk space within a private office.</td>
</tr>
<tr>
<td>Office (two desks) Rm 1221-1227</td>
<td>$700</td>
<td></td>
<td>Two desk spaces within each private office.</td>
</tr>
<tr>
<td>Hot Desk in Rm 1219</td>
<td>$350</td>
<td></td>
<td>Workstation in the common area. Includes Wi-Fi access, but no access to wet lab area or equipment.</td>
</tr>
</tbody>
</table>
Equipment Inventory for UCR EPIC Life Sciences Incubator Lab in MRB

**Plant Growth**
- Plant Growth Chamber (medium, cultures) – Percival CU36L6
- Plant Growth Chamber (large, reach-in) – Percival E75L1
- Plant cell growth LED shaker – Geneva GSR 500
- Plant LED Growth Chambers – 2- and 3-tiered Caron 76269

**Refrigerators/Freezers**
- Refrigerators (2 regular and one FPLC Cabinet) – ThermoFisher TSX3005GA and 49 cu ft FBG49RPGA
- Freezers -80° C (2) are water-cooled for LEED Platinum building requirements, Fisher 324003H02
- Freezer -80° C – Forma upright double door
- Freezers -20° C (2) – ThermoFisher TSX3020FA
- Cryo-storage System (liquid nitrogen) – VWR® CryoPro®

**Biosafety Cabinets**
- BSL-2 VWR Purifier Logic Class II A2 (4 3-foot)

**Chemical Fume Hoods**
- Kewaunee Supreme Air LV (4)

**Incubators**
- CO2 incubators (4) – Fisher HeraCell 240L
- Benchtop Incubator cabinet (1) – Fisher 151031563
- Gravity Incubators (2) – Fisher S1028065h
- Incubator Shakers (2) – Eppendorf I-26R
- Incubator Shakers (2) – VWR 76407 H, R

**Microscopes**
- Tissue Culture inverted microscope – ECHO Rebel (2)
- Fluorescence microscope – ECHO Revolve
- ZetaView® QUATT– NTA Nanoparticle Tracking with Video Microscope PMX-420

**Spectroscopes**
- ThermoFisher - NanoDrop OneC
- DeNovix Fluorimeter

**Centrifuges**
- Floor standing ultracentrifuge – Beckman Optima XPN100
- Floor standing high speed centrifuge (110,000 x g) – Beckman Avanti JXN30
- Countertop General purpose centrifuge (64,000 x g) – Beckman J-15R (3)
- Countertop general purpose centrifuge (12-30,000 x g) – Beckman X30R (3)
- plus, selection of rotors

**PCR**
- PCR System – Appl Biosystems Proflex 96
- QuantStudio™ 5 Real-Time PCR System
- RT-PCR BioRad CFX Opus 96
- BioRad ddPCR system

**Microplate handling and imaging**
- Microplate Reader – Molecular Devices SpectraMax i3x
- Microplate Washer – Versa WellWash 96
- BioRad - ChemiDoc MP Imaging System w/ Fluorescence

**Cell Analysis Equipment**
- Live Cell Analysis System – Sartorius Incucyte S3
- Flow Cytometer – Agilent Novocyte 3000
- Cell Counter – DeNovix - Cell Drop FL
- NanoCellect Wolf +N1 Microfluidic Cell Sorter

**Chromatography**
- HPLC – JASCO 4000 Series HPLC
- FPLC – BioRad NGC Quest 10 Plus

**Evaporators**
- Rotovaps – Heidolph HL/G3 (2)
- Labconco Centrivap DNA Vacuum Concentrator
- Lyophilizer (biologics) – Harvest Large Freeze Dryer
- Lyophilizer (chemicals) - FreeZone Labconco 2.5L

**Cell Disruption**
- Sonicator – Branson SFX250 plus cabinet
- Electroporation Device – Invitrogen MPK5000S (Neon)
- Tissue Homogenizer - MP Biomedicals FastPrep 24

**Microbiome Initiative**
- Isolation Bio (formerly GALT) Prospector
- COY anaerobic glove box chamber
- NanoCellect Wolf +N1 Microfluidic Cell Sorter
- Leica Microsystems CryoStat

**Miscellaneous**
- Water purification system – 50131217INS GenPure
- Sartorius Secura 26-1S balance
- Yamato Sterilizer 80 liter
- Precisionary Compressome vibrating microtome
- Harrick Plasma Cleaner

D. Pearson, 3-1-23