

Carmela Morrone

Phd Student - Molecular and Cell Biology, Pathology, Biochemistry

Proficiencies

Model Working - Ex Vivo Lung Perfusion (EVLP); Orthotopic Murine Left Lung Transplantation; Mouse intubation; Blood and broncho-alveolar lavage fluid (BAL) collection; Tissue and organs harvesting; tissue processing.

Staining - Masson Trichrome; Hematoxylin and Eosin; Giemsa and May Grünwald; Immunofluorescence; Immunohistochemistry; Live-imaging. Imaging via Confocal and regular light Microscope.

Molecular and Cell Biology - Western Blot; SDS-PAGE; Protein isolation from tissue and cells; kinetic enzymatic assay; FRET-probe based protease activity assay; RNA interference; Cell culture; Agarose and polyacrylamide Electrophoresis; Real Time RT-PCR; Cell Count; Nucleic acid extraction from blood and other biological fluids; Preparation of plasma, serum and BAL (broncho-alveolar lavage); ELISA assays (manual and semi-automatic).

Chemistry - SPS (solid phase synthesis), manual and automatic; Purification by Reverse Phase HPLC; Quantify by Spectrophotometer

Education

<u>Student:</u>	<u>Supervisor:</u>
<u>Student:</u>	<u>Supervisor:</u>
<u>Student:</u>	<u>Supervisor:</u>
<u>Student:</u>	<u>Supervisor:</u>



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Extra Curricular Activities

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| 2015 | Journey Canadian Tour
Shadow Security Services |
| 2015 | Bonnie Raitt
Shadow Security Services |
| 2014 | Freak Show Haunted Wharf
Murphy's The Cable Wharf |
| 2010 | Big Brother Program
American School of Dubai |
| 2010 | Beach Blast for children with disability
American School of Dubai |

Communication skills

English	Native speaker
French	Oral: intermediate; written: poor

Achievements

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| 2015 | Bachelors Degree |
| 2011 | Honor Roll |
| 2010 | Eastern Mediterranean Volleyball Champions |
| 2010 | Honor Roll |
| 2010 | District Coastal Conference Volleyball Champions |

Computer skills

Good level	Microsoft Office, email, social networking
Basic level	GitHub, HTML