

ANGELO LEONE
Italian Citizen
Born In Italy 28 July 2017
Married and 2 children

UNIVERSITY OF PALERMO, School of Medicine. BioNec
Section of Histology and Embryology
+393487706143
KING'S COLLEGE LONDON, craniofacial development and stem
cells Center.
angelo.leone@unipa.it, angelo.leone@kcl.ac.uk

EDUCATION

2014 - PGCAPHE, Post Graduate Certificate Academic Practice
in Higher Education

2013 - PGAP, Enhance Academic practice

Thesis title: Assessment and Feedback, Histology Online
Teaching

2009 - **Specialist orthodontic**

Thesis title: Oral Hygiene and Orthodontic Patients

1992 - Doctor in Odontology and Dental Prosthetic

Thesis title: Modification of dental pulp after orthodontic
traction.

ACADEMIC POSITIONS

2001- present

Researcher at Dental School , University of Palermo. Italy
Aggregate professor Of Histology and Embryology , School of
Medicine and Surgery. University of Palermo. Italy

Fellow Teacher, Harvard University Boston. USA

Visiting Professor, from 2009 to date, King's College London.
UK

Visiting researcher, from 2008 to date
American University of Beirut. Lebanon

Languages spoken

Italian (mother tongue), French, English, Portuguese, Sicilian.
Good Knowledge in Arabic and Hebrew.

Certified French Speaker from the French Ministry of National Education.

DALF (Diplome Approfondie en Langue Francaise)

DELFF (Diplome d'Edute en Langue Francaises)

DSFA (Diplome Superieur du Francais des Affaires)

CFST (Certificat de Francais Scientifique et Technologique)

TEACHING:

- Histology and Embryology School of Dentistry
- Histology School of Nurses ☐
- Histology School of Midwives (Trapani- Italy)
- Histology and Anatomy School of Healthcare Assistant ☐

TEACHING

- HISTOLOGY for 1st year Medical students and graduate students. ☐
 - HISTOLOGY lectures for 1st Medical student ☐
 - ☐
 - Supervised and taught methods in research for two thesis of Histology for dentistry graduation included: ☐
 - Routine histological procedures ☐
 - Overview of cell biology techniques ☐
 - Overview of molecular techniques ☐
 - in vivo Mouse Models: Retroviral transduction ☐
 - in vivo Mouse Models: Transgenic and Knock out ☐
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 - Designed and implemented the following ONLINE course using "Moodle" software ☐
 - Basic Histology course for 1st year medical and graduate students ☐☐
 - ☐
 - Immunohistochemistry, ELISA and molecular assays including PCR and Western blotting. ☐
 - Working on animal models for burn wound healing and the effect of various drugs on the healing process. Role of cytokines and mast cells. ☐
- #### EXPERIENCE IN LABORATORY WORK ☐
- Laboratory work included:
1. Developing animal models for IBD and wound healing ☐
 2. Using animal models for testing pharmacological properties

- of □ compounds: estrogen, Botox, wound ointments. □
- 3. Molecular biology techniques: DNA and RNA Extraction, DNA □
□ Typing, Gel Electrophoresis, PCR, RT – PCR, Western blot □
- 4. Histological techniques include: taking biopsies and tissue □
□ processing for confocal and light microscopy. □
- 5. Cell culture techniques, Preparation of culture media, Culture, □ Isolation and Identification of Bacteria, antibiograms. □
- 6. Immunohistochemistry

- FUTURE PROPOSALS In Basic Research (Gastroenterology)

1. Testing different drugs in the management of wound healing □
2. Testing different molecules in the management of IBD using the □ IA+EPEC models □
3. Testing the effect of various diets including western diet and □ alcohol in colitis and □ explore their mechanisms of their actions. □
4. Effect of Botox on wound healing in diabetic rats. □
5. Role of microbiota in an IBD experimental rat model. □

- FUTURE PROPOSALS In Basic Research (Dentistry)

1. Expression of odontogenic genes in Stem cells
2. Modulation of some proteins in Salivary Glands
3. Dentin regeneration
4. Modification of Dental Pulp after orthodontic treatment.

- FUTURE PROPOSALS In Teaching Morphological Sciences

1. Assessment and Feedback
2. Online Teaching

2001 - 2008

Instructor, University of Palermo Medical School

- Histology lab for Dental Students □
- Histology lab for Medical Students

2009 –to date

Teaching Histology and Embryology to Medical and Dental students

PROFESSIONAL MEMBERSHIPS

- ◆ Member Italian society of Histology and Embryology
- ◆ Member of the American Association of Anatomists (AAA)
- ◆ Member American Association Cancer Research (AACR)
- ◆ Member of the Lebanese Association for advancement of Science (LAAS)
- ◆ Member of the international advisory committee for the LAAS
- ◆ Member of the British Academy of Higher Education

AWARDS, HONORS AND APPRECIATION

1. Satisfecit Price. GIRSO (Groupement International Recherche Scientifique en Odontologie) conference. Porto. Portugal 2002
2. Satisfecit Price. GIRSO Conference Chiancino Terme Italy. 2003
3. Laureat du Prix Girso Wroclaw. Poland 2004
4. LAAS Award . Beirut Lebanon 2012
5. Awarded by The Chancelor of University of Palermo to implement Palermo-Beirut co-operation
6. LAAS Award For contribution to Middle East Advancement of Science. Beirut April 2017

PROFESSIONAL/FACULTY DEVELOPMENT □ MEDICAL EDUCATION – CONTINUING MEDICAL EDUCATION

- Attended workshop on teaching microteaching, 2008 □
- Attended lectures on Enhancing Higher Education (2 years course)
- Workshops on Microscopy □
- Statistical Consultation □

□

- Workshop on "Changing the Culture for Faculty and Medical Education for the Next □Generation of Leaders"

- Certificate in Medical Education from King's College School of Education. London UK

- 2013- Member in Medical Education (British Academy of Higher Education) completed. Two years long □certificate program focused on medical education research. (King's College London) • – Hypothesis Driven Research• – Measuring Educational Outcomes with Reliability and Validity – Introduction to Qualitative Data Collection Methods• – Questionnaire Design and Survey Research• – Qualitative Analysis Methods in Medical Education• – Educational Theory and Pedagogy• – Formulating research questions and designing studies• – Researching and evaluating the medical education literature – Data management and preparing for statistical consultation• – Program evaluation and evaluation research □

- 2014- Post Graduate Certificate Academic Practice in Higher Education (PGCAPHE) completed. Yearlong certificate program focused on medical education assessment and feedback. (King's College London)

□Teaching Interests

□

- Explore the characteristics of a good basic and clinical science teachers as perceived by medical students. □

- Develop integrated clinical cases scenarios to study Anatomy, Histology, Embryology, Physiology, Pathology, etc. in the various organ system courses. □

- Learning Styles at King's College school of Dentistry: Challenges, Changes and Cultural differences.

VISITING PROFESSORSHIPS/LECTURESHIPS

- 2003 – 2005 - Visiting Researcher at Harvard University Boston. USA□

- 2012 - Invited speaker in Lebanese Association for the Advancement in Science (LAAS) conference: Modification of Dental Pulp after orthodontic treatment. An Immunohistochemistry study. Beirut Lebanon

- 2009 to date - Visiting Professor at King's College. London UK

Publications:

Follow the links below:

1)<https://www.ncbi.nlm.nih.gov/pubmed/?term=Leone+Jurjus>

2)<https://www.ncbi.nlm.nih.gov/pubmed/?term=Leone+Buscemi>

3)<https://www.ncbi.nlm.nih.gov/pubmed/?term=Leone+Angelova+Volponi>

4)<https://jadekeele.wordpress.com> (Angelo Leone, 3 papers on Higher Education)