



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6373

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Medical-Surgical and Transplant Pathophysiology

Scientist- in - charge: Prof. Claudio Fenizia

[Miriam K. Gomez]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Gomez
Name	Miriam Kathleen

PRESENT OCCUPATION

Appointment	Structure
Deputy Director International Office NUST	National University of Sciences and Technology (NUST), Pakistan
Assistant Professor (teaching stream)	National University of Sciences and Technology (NUST), Pakistan

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	Genetics and Molecular Medicine	University of Edinburgh	2019
Master	Healthcare Biotechnology	National University of Sciences and Technology (NUST), Pakistan	2014
Degree of medical specialization			
Degree of European specialization			
Other	Applied Biosciences	National University	2012



		of Sciences and Technology (NUST), Pakistan	
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REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	Bilingual/proficient
Urdu	Native
French	Beginner

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2015	NUST Faculty Development scholarship from National University of Sciences and Technology (NUST), Pakistan
2015	Principal's Career development scholarship from University of Edinburgh, UK
2015	Edinburgh Global Research Scholarship from University of Edinburgh, UK

TRAINING OR RESEARCH ACTIVITY

<p>description of activity</p> <p>Cell Culture Techniques; maintenance of cancer cell lines, setting experiments for drug activity studies, cell proliferation assays, apoptotic assays, cell cycle analysis with flow cytometry.</p> <p>Molecular Biology Techniques; DNA and RNA extraction, PCR</p> <p>Protein Analysis; Western blotting.</p> <p>Drug Screening Assays; Design and implementation of drug sensitivity assays, Evaluation of drug response in cancer cells.</p> <p>Lab Safety and Good Laboratory Practices; Adherence to safety protocols and ethical guidelines, Documentation and record-keeping</p> <p>Science communication, translating complex scientific information into comprehensive language.</p> <p>Good working knowledge of scientific terminology, biology, and research concepts.</p> <p>Public Speaking and Presentation Skills demonstrated through delivering engaging presentations and talks at conferences, workshops, and public events.</p> <p>Skilled in tailoring content to suit the knowledge level of the audience while maintaining accuracy and clarity.</p>



PROJECT ACTIVITY

Year	Project
2015-19	Thesis Title: Identifying and overcoming mechanisms of resistance to Wee1 kinase inhibitor (AZD1775) in high grade serous ovarian cancer
2012-14	Research Project Title: Study of Integration Sites of Mouse Mammary Tumor Virus in Human Breast Cancer Patients
2008-12	Final Semester Project title: Design and Development of Synthetic Granulocyte Macrophage Colony Stimulating Factor Gene for Over Expression in <i>Kluveromyces lactis</i>

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place

PUBLICATIONS

Books
[title, place, publishing house, year ...]

Articles in Review

Congress proceedings
[title, structure, place, year]

OTHER INFORMATION Research Papers

Mutation S249C of FGFR3b Promotes Bladder Cancer through Downstream Signaling Proteins FRS2 and FRS3: A Computational Approach, Current Signal Transduction Therapy, 2023
Identifying and overcoming a mechanism of resistance to WEE1 kinase inhibitor AZD1775 in high grade serous ovarian cancer cells. European Journal of Gynaecological Oncology 43 (2),2022
Identifying and Overcoming Mechanisms of PARP Inhibitor Resistance in Homologous Recombination Repair-Deficient and Repair-Proficient High Grade Serous Ovarian Cancer Cells, Cancers, 2020
Detection and identification of mouse mammary tumor virus-like DNA sequences in blood and breast tissues of breast cancer patients, Tumor Biology, 2014
Non-structural protein NS4B: HCV replication web inducer, Asian Pacific Journal of Tropical Diseases, 2012



Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: ____Rawalpindi____, __07, February 2024_____