



AL MAGNIFICO RETTORE

DELL'UNIVERSITA' DEGLI STUDI DI MILANO

COD. ID: 6450

Il sottoscritto chiede di essere ammesso a partecipare alla selezione pubblica, per titoli ed esami, per il conferimento di un assegno di ricerca presso il Dipartimento di Department of Food, Nutrition and Environmental Sciences

Responsibile scientifico: Dr. MARINO

SAJEELA AHMED

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	AHMED
Nome	SAJEELA

OCCUPAZIONE ATTUALE

Incarico	Struttura
Postdoctoral Reasecher	Milano Bicocca University, Milano, Italy (2021-till)

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente	Molecular Biology	SkovdeUniversity, Sweden	2010
Specializzazione			
Dottorato Di Ricerca	Cardiovascular Sciences	Verona University, Verona, Italy	2018
Altro, M.phil	Biochemistry/Molecular Genetics	QAU. University, Pakistan	2009
Masters	Plant Sciences	QAU. University, Pakistan	2007



ISCRIZIONE AD ORDINI PROFESSIONALI

Data iscrizione	Ordine	Città
	n/a	

LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
English	Professional
Italian	Basic

PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	Descrizione premio
2014-2018	Scholarship obtained in Ph.D from Verona University, Verona Italy
2018	Win Scholarship for world cardiovascular Diseases Munich, Germany.
2010	Received distinction in my M.S. research work from Skovde University Sweden
2009	Awarded scholarship in my MS Project by the Institute of Infection Medicine, UKSH Kiel, Germany
2007	Achieved Scholarship in my M.Phil. Degree from the Quaid-i-Azam University, Islamabad after obtaining A Grade in the 1st Semester

ATTIVITÀ DI FORMAZIONE O DI RICERCA

<p>descrizione dell'attività</p> <ul style="list-style-type: none">• Role of Transcription Factor COUP-TFII in early stages of Hematopoiesis. (Milano Bicocca University, Italy)• Cardio-protective effects of Polyphenols against Ischemia Reperfusion Injury in rats Verona university, Verona and Italy• I was involved in making of construction and transformation of herbicide resistance gene in Groundnut using various Molecular and Biotechnological methods and techniques.• Worked as a research assistant in a lab project investigating the signaling cascades effecting early life cycle of Hepatitis B Virus (Institute of Infection medicine, Molecular medical virology, University Hospital, Kiel University, Germany).• Performed a research project as a part of M.Phil. Dissertation focusing on Acrylamide induces
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nephrotoxicity in rats and protective effect of *Digera muricata* (Mart) at histological and biochemical level.

ATTIVITÀ PROGETTUALE

Anno	Progetto
2021-till present	Role of Transcription Factor COUP-TFII in early stages of Hematopoiesis. (Milano Bicocca University, Italy)
2014-2018	Cardio-protective effects of Polyphenols against Ischemia Reperfusion Injury in rats. Verona university, Verona and Italy
2011-2013	Herbicide resistance gene in Groundnut using various Molecular and Biotechnological methods and techniques.
2009-2010	Signaling cascades effecting early life cycle of Hepatitis B Virus (Institute of Infection medicine, Molecular medical virology, University Hospital, Kiel University, Germany).
2008-2009	Acrylamide induces nephrotoxicity in rats and protective effect of <i>Digera muricata</i> (Mart) at histological and biochemical level.

COMPETENZE ED ESPERIENZE

- Molecular Biology / Biochemistry Methods: Experience with PCR, RNA & DNA extraction, Gel electrophoresis, Real-time PCR, Primer Designing, ELISA, SDS-PAGE & western blotting, histopathology and immunohistochemistry.
- Biotechnology Methods: Gene cloning, Gene construction, Gene transformation, Protein purification, DNA & RNA isolation, Luciferase assay, CRISPR/CAS9 technique, Culture preparation and transfection methods.
- Virology and Cell Biology: Extensive experience in working with virology lab and handling viral transfection methods, virus titration, viral Immuno-histostaining and performed cell biology techniques like immunofluorescence and confocal microscopy.
- Separation Science: High performance liquid chromatography Diode array and HPLC-ESI-MS.
- Professional Tools: Image J (NIH, USA), Adobe Photoshop CS4, MS Office (Word, Excel, Access, Power Point)
- Analytical Techniques: Solutions preparation, titration, pH adjustment and detection and quantification of carbohydrates, lipids and Proteins.



CONGRESSI, CONVEGNI E SEMINARI

- 5 Days Teaching and learning Workshop, NUTECH, Islamabad, Pakistan (2020)
- Participate in World congress cardiovascular sciences, Munich august 2018.
- Basic Science Summer School in cardiovascular Sciences 18-22 june 2017 in Nice, France.
- International Course "Adventures in the lipidome", Erice on 26th-30 September 2017, Italy.
- All about Clinical Trials Course and Workshops from 8 to 9 Dec 2017, Vienna, Austria.
- 10th World congress on Polyphenols, Porto, Portugal (2016)
- Cardiovascular research days, Heidelberg Germany (2016)
- Conference on "Recovery of Polyphenols & Other Nutrients from Food & Beverage Processing", Dublin, Ireland (2016)
- Workshop on "Towards new research and new technologies in cardiovascular sciences" Verona, Italy (2016)
- 11th International Conference on "Pediatric Mechanical Circulatory Support Systems& Pediatric Cardiopulmonary Perfusion" Verona, Italy (2015)
- SAARC International Conference Islamabad, Pakistan (2012)
- 3rd day Workshop at Muhammad Ali Jinnah University, Islamabad, Pakistan (2012) • 4 days Workshop on "Transgene Expression and Analysis in Plants" NIBGE, Faisalabad, Pakistan (2012)

PUBBLICAZIONI

- Valentina Pastori, Serena Pozzi, Agata Labedz ,Sajeela Ahmed and Antonella Ellena Ronchi, Role of Nuclear Receptors in Controlling Erythropoiesis, International J. Molecular Sciences, Review, 2022.(5.924)
- Sajeela.Ahmed, N.Ahmed, B.Kulsoom,G.Inamorati , A. Mehmood,S. Ayoub Meo, M.A. Gebrie, D. Linardi, R.Mani,F. Merigo, F.Guzzo,G. B. Luciani , A. Rungatscher, G. Faggian, Cocoa Flavanoids reduce inflammation and oxidative stress in Myocardial Ischemia Reperfusion Experimental Model, Antioxidant,2020.(6.58)
- N.Ahmed, D. Linardi, Sajeela.Ahmed, R. Mehboob, G. B. Luciani, G. Faggian, and A. Rungatscher, "Cardioprotective role of fingolimod in ischemia-reperfusion injury by activation of akt/erk pathways in rat model," Abstract Heart, vol. 103, no. Suppl 5, pp. A119-A119, 2017. (5.2)
- N.Ahmed, D. Linardi, Sajeela.Ahmed, R. Mehboob, G. B. Luciani, G. Faggian, and A. Rungatscher, "233 Antiarrhythmic role of sphingosine 1-phosphate in post-operative atrial fibrillation by pak1 activation," Abstract,Heart, vol. 103, no. Suppl 5, pp. A149-A150, 2017. (5.2)
- Uzma, M.R. Khan, A.Muhammad, I. Hussan, S. H.Shah, T. Kumar, S. Inam, M. Zubair,



H.Rehman, A.Sher, N.Rehman, **Sajeela.Ahmed** and G. M.Ali, "Rapid in vitro Multiplication of Sugarcane Elite Genotypes and Detection of Sugarcane Mosaic Virus through two Steps RTPCR", International Journal of Agriculture&Biology,2012, (0.85)

• **Sajeela.Ahmed**, M. Commisso,S. Negri, M.A.Gebrie, N. Ahmed, A. Rungatscher, G. B. Luciani, F. Guzzo&G.Faggian,"Determination of total phenolic compounds in recioto red wine and commercially available cocoapills by HPLC-DAD.ESI-MS". Journal of International Society of Antioxidants in Nutrition andHealth/ISANH. Porto Phenolics, Vol. 3(4), Abstract, 2016.

ALTRE INFORMAZIONI

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

RICORDIAMO che i curricula **SARANNO RESI PUBBLICI sul sito di Ateneo** e pertanto si prega di non inserire dati sensibili e personali. Il presente modello è già precostruito per soddisfare la necessità di pubblicazione senza dati sensibili.

Si prega pertanto di **NON FIRMARE** il presente modello.

Luogo e data: **22.02.2024**, _____