



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6871

I the undersigned ask to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at the **Department of BIODIVERSITY CHANGE GROUP**

Scientist- in - charge: GIANALBERTO LOSAPIO

**MAQSOOD ALAM**

**CURRICULUM VITAE**

## PERSONAL INFORMATION

Surname	ALAM
Name	MAQSOOD ALAM

## EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	PLANT BIOCHEMISTRY & MOLECULAR BIOLOGY	FEDERAL UNIVERSITY OF CEARA, FORTALEZA, CEARA, BRAZIL	2024
Specialization	PLANT BIOCHEMISTRY & MOLECULAR BIOLOGY	FEDERAL UNIVERSITY OF CEARA, FORTALEZA, CEARA, BRAZIL	2024
PhD	PLANT BIOCHEMISTRY & MOLECULAR BIOLOGY	FEDERAL UNIVERSITY OF CEARA, FORTALEZA, CEARA, BRAZIL	2024
Master	BIOTECHNOLOGY	AWKUM, MARDAN, KP, PAKISTAN	2018

## FOREIGN LANGUAGES

Languages	level of knowledge
ENGLISH, URDU, PASHTO, PORTUGUESE	



## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2019	AWARDED FULLY FUNDED BRAZILIAN GOVERNMENT SCHOLARSHIP FOR PhD STUDIES
2018	AWARDED A LAPTOP THROUGH THE PRIME MINISTER'S LAPTOP SCHEME, PAKISTAN
2016	1ST PRIZE IN A POSTER COMPETITION ON AGRICULTURE, FOOD SECURITY & CLIMATE CHANGE

## TRAINING OR RESEARCH ACTIVITY

Description of activity:
<ul style="list-style-type: none"><li>5-DAY TRAINING COURSE BY RELIEF INTERNATIONAL ON "BIORISK MANAGEMENT"</li><li>5-DAY TRAINING COURSE ON MOUSE GENETICS AND PHENOTYPING</li></ul>

## PROJECT ACTIVITY

Year	Project
2019-2024	PHYSIOLOGICAL AND BIOCHEMICAL RESPONSES IN <i>CALOTROPIS PROCERA</i> CALLUS UNDER SALT STRESS AND SIGNALLING INDUCERS
2016-2018	EVALUATION OF THE INFLUENCE OF THIDIAZURON ON CALLUS FORMATION AND ANTIOXIDANT POTENTIAL IN <i>AJUGA BRACTEOSA</i>

## CONGRESSES AND SEMINARS

Date	Title	Place
08-10 Oct, 2022	EVOLUTION OF SCIENTIFIC RESEARCH	UFC, FORTALEZA, CEARA BRAZIL
27-30 Oct, 2020	PERSPECTIVES TO IMPROVE PHOTOSYNTHETIC EFFICIENCY IN A CLIMATE CHANGE SCENARIO	UFC, FORTALEZA, CEARA BRAZIL
05-07 Jun, 2019	PLANT, BIOTECHNOLOGY & ENVIRONMENT "INTERACTION & IMPACTS"	UFC, FORTALEZA, CEARA BRAZIL

Articles in reviews
<ul style="list-style-type: none"><li>Static magnetic field promotes faster germination and increases germination rate of <i>Calotropis procera</i> seeds stimulating cellular metabolism. <i>Biocatalysis and Agricultural Biotechnology</i>, 49, 102650. DOI: 10.1016/j.bcab.2023.102650 <b>(2023)</b></li><li>Enhanced expression of defensive genes in <i>Calotropis procera</i> calli under salt stress and signalling inducers: Implications for plant stress adaptation and agricultural innovation. <i>Plant physiology and biochemistry</i>. (Ready for submission) <b>(2024)</b></li></ul>

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: Fortaleza-CE, Brazil, 19 Sept, 2024