



UNIVERSITÀ DEGLI STUDI DI FERRARA
DIPARTIMENTO DI BIOCHIMICA
E BIOLOGIA MOLECOLARE

VIA LUIGI BORSARI, 46
44100 FERRARA (ITALY)
Tel. +39/532 - 291420
Fax +39/532 - 202723

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To whom it might concern:

Letter of recommendation for Dr. Mahmud Tareq Hassan Khan.

This is to give my opinion about the scientific activity and the research achievements of Dr. Khan. I had the opportunity of carefully check his CV and to collaborate with him in projects focusing on biological activity of plant extracts and isolation of pure compounds from them.

As far as academic qualifications, professional training, courses attended, fellowships and awards and memberships, it appears that Dr. Khan is a very active young scientist. As far as publications, I have to say that I have been impressed by the numbers of collaborations, confirming his commitment to research. Many papers have been published in high quality journals and many of them demonstrate a pivotal role of Dr. Khan in the performance of the experimental activity.

I have also to state that I had the opportunity to know Dr. Khan as a very important scientific collaborators of my personal research. He was responsible for providing my group with plant extracts as well as several pure compounds, in order to make possible projects on antitumor activity of molecules from medicinal plants.

Recently, Dr. Khan attended at the Department of Biochemistry and Molecular Biology, Ferrara University, under my supervision. He learned the following techniques: cell culture of tumor cell lines and analysis of cell proliferation after treatment with extracts from medicinal plants; analysis of erythroid differentiation of K562 cells; polymerase-chain reaction; quantitative real-time RT-PCR analysis using the Perkin-Elmer 7700 instrument; Biospecific Interaction Analysis using the Biacore-1000; luciferase and CAT assays; gel retardation; FACS analysis of cell cycle; assays for apoptosis. He was involved in projects aimed at identifying anti-tumor compounds and molecules and plant extracts inducing erythroid differentiation.

With best regards,

Professor Roberto Gambarti
Department of Biochemistry and Molecular Biology
Ferrara University

Ferrara

Italy

Tel: +39-532-424443;

Fax: +39-532-202723