
Dr Juel Chowdhury

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Summary

Organized and visionary worker with fantastic skills in finding, compiling and presenting cancer genetics research findings quickly and accurately. Determined to maintain productivity through all steps of research procedures and data entry. Proven history of organizing projects for optimized results.

Skills

- Quantitative and qualitative analysis Preparing samples and specimens Designing experiments
- Public presentations
- Analyzing and synthesizing data Laboratory testing
- Proficient in Genetic Data Analysis Teaching students
- Literature searches
- Equipment maintenance
- Data collection and analysis
- Confident public speaker
- Critical Thinking
- Teaching
- Presentation Skills
- Family Medicine
- health care planning and
- statistical programming
- Clinical Research
- Laboratory operations
- Computer Programming knowledge Good clinical practice
- Conducting surveys
- Expertise in Bioinformatics
- Managing laboratory supplies
- Documentation skills
- Specimen handling expertise
- Research protocol development Team leadership
- Clinical Knowledge
- Bilingual
- Mentoring
- Performance Analysis
- public speaking
- public health

Education and Training

Gulf Medical University - Ajman, Ajman | M.D.

Medicine, 2013

Computer Systems Institute - Skokie, IL | Administrative Associate Professional Program

Business Administration And Management, 2017

University of Miami - Coral Gables, FL | HIPPA Privacy And Awareness

Bioethics And Medical Ethics, 2017

Kaplan - Chicago, IL | USMLE Preparatory Course

Medicine (Pre-Medicine), 2014

Aesthetic Medical Educators Training Center - TX | Botulinum Toxin Dermal Filler Application

Botulinum Toxin Application Certification , 2015

American Heart Association - Irvine, CA | Advanced Cardiovascular Life Support

Emergency Medicine , 2018

American Heart Association - Irvine, CA | Basic Life Support

Emergency Medicine , 2018

Educational Commission for Foreign Medical Graduates - Philadelphia, PA

USMLE Step 1 & 2

Websites, Portfolios, Profiles

- www.juelmd.com

CLINICAL SKILLS

Diagnosis and Treatment of Diseases Preparing Medical care strategies Assurance of patient confidentiality Experience in infection control Ability to coach junior medical staff Stress management capabilities Good teamwork capabilities Quick in problem resolution Flawless management of patient records and documents.

RESEARCH SKILLS

Genetic Data Analysis from Micro Array and RNA Seq (TIBCO SPOTFIRE, R Programming). Molecular biology lab techniques like PCR, RT PCR, Western Blot, Genotyping.

LANGUAGE SKILLS

English, Hindi, German, Arabic, Urdu, and Bengali.

SUMMER TRAINING

Universitätsklinikum Hamburg Eppendorf — August 2011

Universitätsklinikum Hamburg Eppendorf — August 2010

INTERNSHIP

Umm Al Quwain General Hospital 2012-2013

Responsibilities included patient admission and supervising medical students and other interns.

CERTIFICATIONS & WORKSHOPS

Surgery Workshop — December 2010 Emirates Medical Students Society

Basic Clinical Skills Clinical Training — November 2007 Gulf Medical University.

PROFESSIONAL EXPERIENCE

Home Physician Services — July 2014 - January 2015

Checked patients and prescribed them pharmaceuticals or referred them to other specialists.

Diagnosed, monitored treatments and carried out assessments of patients.

Carried out campaigns for prevention and detection of diseases.

Maintained the confidentiality of patient information as per federal guidelines of the state.

Performed regular health inspections to track progress of patient's health.

AWARDS & RECOGNITION

International Society of Oncology and Biomarker Scientific Merit Award — 2016

Best Poster Presentation Award at 14th Annual Conference on Translational

Medicine and Oncologists Meet San Francisco -2017

Recognition of outstanding services rendered in organizing (14th Annual Conference on Translational Medicine and Oncologists Meet)

www. Oncomarks.org (Founder and President)

An online professional network with an open access journal for the oncologists and researcher.

Hosted ISOBM 2016 Chicago Congress

AFFILIATION

Member of the International Society of Oncology and Biomarkers — 2016

Member of the American Society of Clinical Oncology — 2016 - Present

American Society of Clinical Pathology Member

AAMC

SCIENTIFIC JOURNAL EDITORIAL BOARDS

Editorial Board Member, Journal of Unexplored Medical Data — 2016 - 2017

Reviewer, JCMT Journal — July 2016 - 2017

Editorial Board Member, Oncomarks Journal — July 2016 - Present

Tumor Biology Editorial Reviewer, Tumor Biology Journal-Springer — June 2016 - 2017

Journal of Integrative Oncology (Editor in Chief)

Journal of Cancer Clinical Trials (Editorial Board Member)

Allied Journal of Medical Research (Editorial Board Member)

International Journal of Biochemistry & Physiology (IJBP) (Editorial Board Member)

UPCOMING CONFERENCES

18th Global Congress on Pathology, San Francisco, USA

Euro Breast Pathology & Immunopathology 2019, Paris, France

CONFERENCES ATTENDED

American Pathology and Oncology Research, Chicago, USA (Speaker, Moderator, Session Judge)

14th Annual Conference on Translational Medicine and Oncologists Meet San Fransisco (Speaker)

ISOBM 2017 Brazil (Organizing Committee)

ISOBM 2016 (43RD ANUUAL CONFERENCE, Organizing & Scientific Committee)

Best of ASCO, Chicago, Illinois — 2016

Voice for Solidarity and Peace — 2016

6th UAE Medical Student Conference — 2012

First Emirates Hematology Conference, Dubai, UAE — 2011

Qatar Health Conference and Workshop (Radiology Track)— 2010

5th UAE Medical Student Conference and Workshop (Suturing Techniques), RAK UAE — 2010

Conference on Pain and Anesthesia, University of Sharjah — 2010

Annual Scientific Meeting, Gulf Medical University, UAE— 2010

8th GHA Cardiovascular Conference, Doha Qatar — 2010

4th UAE Medical Student Conference, University of Sharjah, UAE — 2009

3rd UAE Medical Student Conference, Boston Rotana, UAE — 2008

VOLUNTEER EXPERIENCE

The Salvation Army feed the hungry Volunteer

Volunteer, World Health Day, Gulf Medical University — 2009

Children Day Guest Speaker, Consul of Bangladesh, Chicago, Illinois

Learning and Audio-Visual Educational Sponsor, Uganda Deaf and Blind Children School, Uganda

PUBLICATIONS

Expression of cross-tolerance to a wide range of conditions in a human lung cancer cell line after adaptation to nitric oxide

Zane Deliu, Timothy Tamas, Juel Chowdhury, ...

First Published September 22, 2017 Research Article

<https://doi.org/10.1177/1010428317723778>

Microsatellite instability pathway and molecular genetics of colorectal cancer

DOI: [10.4172/2161-0681-C5-057](https://doi.org/10.4172/2161-0681-C5-057)

Media Influence on the Body Image Among Students in UAE

Citation: Sreedharan J, Antony A, Qureshi S, Fazal S, Siddiqui H, et al. (2012) Media Influence on the Body Image Among Students in UAE. J Community Med Health Educ 2:182.

doi: [10.4172/2161-0711.1000182](https://doi.org/10.4172/2161-0711.1000182)

Apoptosis and Beyond, 2 Volume Set: The Many Ways Cells Die

Volume II Chapter 19 Role of Phospholipases in Cell Death

Publisher: Oct 2018, Wiley-Blackwell

ISBN: 978-1-119-43242-5

A Case of Cytomegalovirus (CMV) Vasculitis Presenting as Deep Venous Thrombosis with Pulmonary Embolism (DVT/PE) Managed with Catheter Directed Thrombolysis

Article Type: CASE REPORT

Citation: Sridhara S, Chowdhury J, Ettinger AN (2018) A Case of Cytomegalovirus (CMV) Vasculitis Presenting as Deep Venous Thrombosis with Pulmonary Embolism (DVT/PE) Managed with Catheter Directed Thrombolysis. J Network Med Target Ther 1 (2):

[dx.doi.org/10.16966/2577-1906.109](https://doi.org/10.16966/2577-1906.109)

A rare case of delayed chronic pneumonitis following non-medical grade silicone injections in a transgender woman

J Unexplored Med Data 2018;3:1.

[10.20517/2572-8180.2017.20](https://doi.org/10.20517/2572-8180.2017.20)

Genetic Expression of High Nitric Oxide Adapted Human Lung Adenocarcinoma Cell Line towards Angiogenesis

Batool et al., J Cancer Clin Trials 2017, 2:2

Adaption To High Nitric Oxide (No) Results In Up-Regulation Of Transmembrane Glycoprotein Nmb (Gpnmb) In Head And Neck Squamous Cell Carcinomas

<https://research.uic.edu/sites/default/files/abstractsbook.pdf>

The Cadherin-1, Type-1 (CDH1) Gene is Down Regulated by High Nitric Oxide Levels in Head & Neck Squamous Cell Carcinomas (SCC)

PMID: 27542676 DOI: [10.1007/s13277-016-5287-4](https://doi.org/10.1007/s13277-016-5287-4)

Cell Division Cycle Protein 27 (CDC27) Is Down-Regulated In High Nitric Oxide-Adapted Breast Cancer Cell Lines

PMID: 27542676 DOI: [10.1007/s13277-016-5287-4](https://doi.org/10.1007/s13277-016-5287-4)

Tumor Stem Cell (TSC) Creation via High Nitric Oxide (HNO) Adaptation in Adenocarcinomas (ACs)

PMID: 27542676 DOI: [10.1007/s13277-016-5287-4](https://doi.org/10.1007/s13277-016-5287-4)

Pseudogenes May Play a Role in Cancer Stem Cell Formation via Increased Nitric Oxide (NO) Exposure

PMID: 27542676 DOI: 10.1007/s13277-016-5287-4

High Nitric Oxide Adapted Tumor Cells Ensure Survival by Up or Down Regulating Specific Genes within the Apoptosis Pathway

PMID: 27542676 DOI: 10.1007/s13277-016-5287-4

Transmembrane Glycoprotein NMB (GPNMB) Is Overexpressed in Head & Neck (H&N) Squamous Cell Carcinomas (SCC) Exposed To Increased Levels of Nitric Oxide (NO)

PMID: 27542676 DOI: 10.1007/s13277-016-5287-4

JUN, FOS, & AP1 Are Upregulated in High Nitric Oxide (NO) Exposed Head & Neck Cancer Cells

PMID: 27542676 DOI: 10.1007/s13277-016-5287-4

Down Regulation of Condensin Complex I Protein in Head and Neck (H&N) Squamous Cell Cancer (SCC) Cell Lines Adapted To High Levels of Nitric Oxide (NO)

PMID: 27542676 DOI: 10.1007/s13277-016-5287-4

In Adenocarcinomas (ACs) high Nitric Oxide (HNO) leads to adaptation of Tumor Stem Cell (TSC)

<https://dx.doi.org/10.4172/2161-1025.C1.020>

Upregulation of JUN, FOS & AP1 in head and neck cancer cells upon exposure to high nitric acid (NO) environment

<https://dx.doi.org/10.4172/2161-1025.C1.020>

High nitric oxide-adapted breast cancer cell lines showed down-regulation in cell division cycle protein 27 (CDC27)

<https://dx.doi.org/10.4172/2161-1025.C1.020>

Tumor cells adapted to high nitric oxide ensure survival by up or down regulating specific genes within the apoptosis pathway

<https://dx.doi.org/10.4172/2161-1025.C1.020>

Increased Nitric Oxide (NO) exposure in pseudogenes may play a role in cancer stem cell formation

<https://dx.doi.org/10.4172/2161-1025.C1.020>

Exposure to high levels of Nitric Oxide (NO) showed transmembrane Glycoprotein NMB (GPNMB) over expression in Head & Neck (H&N) Squamous Cell Carcinomas (SCC)

<https://dx.doi.org/10.4172/2161-1025.C1.020>

University of Illinois in Chicago Research Day Abstract Publications:

- Microsatellite Instability Pathway and Molecular Genetics of MLH1 Gene (Awarded winner under undergraduate basic science research category)
- NO Exposure in Tumor Cells Changed Radiation Response Of Genes
- L-glutamate transport altered in A549 cells from high NO exposure.
- Genes Related To UV-B Response Are Altered By NO Exposure
- Apoptotic Gene Response to High Nitric Oxide Exposure in A549 Cancer Cells.

- Small GTPase gene altered in expression linked to change in A549 phenotype due to increase NO overexpression.
- Comparison analysis between DNA replication genes with altered expression due to high NO adaptation in A549 cancer cells.
- Nitric Oxide and its effect on cellular nuclear migration.
- Notch signaling pathway is altered in aggressive A549 HNO cells