

## **Nikkitha Umesh Ganesh**

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### **Personal information**

Date of Birth: 15/04/1993  
Place of Birth: Bangalore, India

### **Education**

**University of Leicester** **Leicester, England**  
MSc (Cancer cell and molecular biology) January 2016

**Research work:** To characterize the role of melanoma associated adaptor protein ShcD and its protein-protein interactions in neuroblastoma cells

**St Marys College,** **Hyderabad, India**  
BSc (Biotechnology) July 2014

Major Subjects: Biochemistry, Chemistry and Biotechnology

**Sri Chaitanya Co-op Junior Kalsala,** **Hyderabad, India**  
Board of Intermediate Education March 2011

Major Subjects: Botany, Zoology, Chemistry, and Physics

**Kalpa School** **Hyderabad, India**  
Indian Certificate of Secondary Education examination March 2009

Major Subjects: Science, Social sciences (History, Civics and geography),  
Mathematics, Computer Applications, and Environmental education

### **Professional and Research experience**

- Training in molecular techniques and cell culture techniques at institute of animal health and veterinary biological from 2<sup>nd</sup> May to 22<sup>nd</sup> May
- Contributed in Project on drug analysis (Cetrezine hydrochloride) using HPLC at Derex Labs, Hyderabad- 8 weeks
- Contributed in Project on bioinformatics on the topic drug designing (SARS)- 8 weeks
- Exposed to molecular biological techniques in transfection, immunofluorescence microscopy, migration assays, co-immunoprecipitation, western blotting, use of shRNA knockdown.
- Worked as lab technician at IAHVB (Institute of Animal health and veterinary sciences) from 11<sup>th</sup> February 2016.
- Worked on a project in collaboration with University college London on canine mammary tumors

- Currently working as scientific assistant at Heinrich Heine University Düsseldorf, Dusseldorf (Germany) on the project "Identifying novel anti-cancer therapeutics in melanoma"

#### **Work experience**

- 16 weeks- work experience as customer service associate at amazon development center India from September 11<sup>th</sup> 2012- January 11, 2013

#### **Papers Published or accepted for publications**

- ENUMERATION OF MICROORGANISMS FROM THE SOILS OF VEGETATIVE FIELDS OF ANDHRA PRADESH, INDIA  
Sunitha Panigrahi, Dr. K. Aruna Lakshmi, Prof. Y.Venkateshwarulu, Nikkitha Umesh  
Journal: International Journal of Recent Scientific Research. Manuscript Number: IJRSR –468/2013, Accepted, to be published in July 2016
- ENHANCED GROWTH IN THE CLONALPROPAGATED PLANTS TRIGGERED BY BACTERIAL CONSORTIUM  
Sunitha Panigrahi, Dr. K. Aruna Lakshmi, Nikkitha Umesh, Wajid Ali Khan  
*Helix Vol. 4: 568- 573 (2014)*
- Biohardening of Micropropagated Plants With PGPR And Endophytic Bacteria Enhances The Protein Content.  
Sunitha Panigrahi, Dr. K. Aruna Lakshmi, Prof. Y.Venkateshwarulu, Nikkitha Umesh  
*Biotechnology and Bioforensics , Springer Briefs in Applied Sciences and Technology 2015, pp 51-59*
- Dependence of viral replication on B-Myb is crucial for successful antiviral immunity Submitted to Scientific Reports (Nature Publication)- under review

#### **Symposia attended**

- Poster presented “ Biohardening of Micropropagated Plants With PGPR And Endophytic Bacteria Enhances The Protein Content” at the 5<sup>th</sup> International conference on emerging trends in Applied biology, Biomedicine, and Bio - Forensics, 30<sup>th</sup> November and 1<sup>st</sup> December 2013
- Workshop on “PCR and Nanotechnology”, 28<sup>th</sup> and 29<sup>th</sup> august 2012.
- Workshop in Medical Biochemistry and Instrumentation by global hospitals, 25<sup>th</sup> and 26<sup>th</sup> July, 2011
- Workshop organized by ROYAL SOCIETY OF CHEMISTRY-DECCAN SECTION on 21<sup>st</sup> January 2012.
- Workshop on protein purification by VAC BIOTECHNOLOGIES on 16<sup>th</sup> December 2011.
- 5<sup>th</sup> International conference on emerging trends in Applied biology, Biomedicine, and Bio -Forensics, 30<sup>th</sup> November and 1<sup>st</sup> December 2013

## **Awards and Hobbies**

- Best poster- Gold medal for the poster presented at the 5<sup>th</sup> International conference on emerging trends in Applied biology, Biomedicine and Bio-Forensics, 30<sup>th</sup> November and 1<sup>st</sup> December 2013.
- Customer Obsession award and Ruby award, amazon development center, Hyderabad, India
- Highest marks for math in 10<sup>th</sup> grade
- First and Third place, Inter ground gymnastics competition, Hyderabad
- Bronze medal in inter school 400m relay race and Gold medals in basketball, Kho-kho, dance competitions, 100m and 400m relay race.
- Reading Fiction Novels, Listening to Music, Trained in Salsa and Belly Dance, basketball and love exploring new places.