

## CURRICULUM VITAE

### Divya Kolakada

Rollins College

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#### Education

Rollins College, Winter Park FL 2013-2017

Artium Baccalaureus Honoris in Chemistry

Overall GPA: 3.6/4.0

University of Colorado, Denver CO August 2017-Present

Ph.D. candidate in Biomedical Science

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#### Research Experience

National Agrobiotechnology Institute, Selangor, Malaysia Summer 2014

Undergraduate Summer Research, Supervisor: Chee How Teo, Ph.D.

*Title:* Developing a diagnostic kit to test for the presence of the *Eimeria* parasite in chickens

Participated in the optimization phase of a project that was developing a PCR-based diagnostic kit to test for the presence of the parasite *Eimeria* in chickens.

Techniques: PCR, gel electrophoresis, and basics of cloning

Rollins College, Winter Park, FL 2016-2017

Student-Faculty Collaborative Research Advisor: Kasandra Riley, Ph.D.

*Title:* Epstein-Barr viral (EBV) microRNAs in cancer

Demonstrated that EBV miRNAs downregulated two target genes part of the NF- $\kappa$ B pathway and found ten other genes that EBV miRNAs have the potential to target.

Techniques: Human cell transfections, luciferase assays, site directed mutagenesis, western blotting, DNA extraction through mini-preps, bradford assays and bioinformatic techniques including the use of the gene ontology software DAVID and the UCSC genome browser.

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#### Presentations

##### Posters

"Epstein-Barr Viral microRNAs Coordinately Repress Human Transcripts in Inflammatory and Apoptotic Pathways" April 2017

ASBMB Annual Meeting, Chicago IL

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#### Working Experience

Rollins College, Chemistry Tutor and Grader 2014-2017

*Chemistry I/II & Laboratory [CHM 120/1]*

Cancer Research Malaysia (CRM), Marketing Research Intern Summer 2015

*Directly involved with the team tasked with raising funds for the first Phase I human clinical drug trial in Malaysia, for a therapeutic vaccine for oral cancer, developed by CRM.*

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#### Selected Awards and Honors

*President's List*, Rollins College Fall 2013-Spring 2014

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<i>Dean's List</i> , Rollins College	Fall 2014-Spring 2016
<i>Honors Degree Program</i> , Rollins College	2013-2017
<i>Alfond Scholarship</i> , Rollins College: full academic scholarship	2013-2017
Sigma Xi, the Scientific Research Society	2016-Present

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### Extracurricular Experience

<i>Debate Team</i> , Rollins College	2013-2015
Captain of the Debate Team	2014-2015
Debating Formats: American and British Parliamentary	
Awards won:	
1 <sup>st</sup> Place, Bill Todd Invitational, University of Miami	2013
2 <sup>nd</sup> Place, 3 <sup>rd</sup> Parliamentary Joust, University of Central Florida	2014
<i>DESI (South Asian Student Organization)</i> , Rollins College	2013-Present
President of DESI	2014-2016
Organized events for the Rollins College campus including Diwali and Holi. Additionally, choreographed and performed various dance pieces for these events.	

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### Foreign Language Skills

Advanced knowledge in Malayalam  
Working knowledge in Hindi

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### References

**Professor Kasandra J. Riley, Ph.D.**

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Tel. (407) 646-2250, E-mail: kriley@rollins.edu

**Professor Laurel G. Habgood, Ph.D.**

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**Professor Pedro Bernal, Ph.D.**

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