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## BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

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NAME Dividutta Das	POSITION TITLE Research associate		
eRA COMMONS USER NAME ddas			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Kasturba medical college, Manipal, India	B.S.	2007	Biotechnology
Flinders university, Adelaide, Australia	MS	2009	Medical Biotechnology
Rutgers university, New Brunswick, NJ, USA	MBA(part time)	2018-2020	Business Science

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

### A. PROFESSIONAL POSITIONS:

2008-2009 Research assistant, Department of Biotechnology, Flinders university

2009-2012 Research officer, Queen Elizabeth hospital, Adelaide, Australia

2012-2016 Research associate II, Georgetown university, Washington DC, USA

2018- Research associate, Institute of metabolic diseases, GBG, Hamilton, NJ, USA.

### PROFESSIONAL AWARDS AND HONORS:

2007-2007 Manipal Academy of higher education & Flinders university Biotechnology scholarship

### B. PUBLICATIONS:

1. Shults, NV., Das D, Suzuki YJ. "Major vault protein in cardiac and smooth muscle" Receptors Clin Investig. 2016;3(2). pii: e1310. Epub 2016 May 23.
2. Wang, X., Zungu-Edmondson, M., Ibrahim, Y.F., Das, D., Suzuki, Y.J., "Carfilzomib reverses pulmonary arterial hypertension" Cardiovasc Res. 2016 May 15;110(2):188-99
3. Das, D., Wang, Y. H., Hsieh C. Y., Suzuki, Y.J. "Major vault protein regulates cell growth survival through oxidative modifications". Cellular Signalling. 2016 Jan;28(1):12-8. Shults, NV.,
4. Wang, X., Zungu-Edmondson, M., Ibrahim, Y.F., Das, D., Suzuki, Y.J., "Carfilzomib reverses pulmonary arterial hypertension" Cardiovasc Res. 2016 May 15;110(2):188-99
5. Bansal, G.1, Das, D.1, Hsieh C. Y., Wang, Y. H., Brent.G.A., Wong,C.M., Suzuki, Y. J. "IL-22 activates oxidant signalling in pulmonary vascular smooth muscle cells." Cellular Signalling vol 25 Issue 12, Dec 2013, pages-2727-2733.
6. Wong CM., Marcocci L., Das D., Wang X., Luo H., Zungu-Edmondson M., Suzuki, Y.J., "Mechanism of protein decarboxylation." Free Radic Bio Med, 2013 Sep 14;65C:1126-1133.

7. Das D., Holmes A. , Murphy G. A., Mishra K., Rosenkranz A. C., Horowitz J. D., Kennedy J. A.1\*. "TGF- $\beta$ 1-induced MAPK activation promotes calcifying nodule formation, collagen synthesis, redox stress and cellular senescence in porcine aortic valve interstitial cells" J Heart Valve Dis. 2013 Sep;22(5):621-30.
8. Das, D., Bansal, G., and Suzuki, Y. J. "IL-22 Induces Cell Growth Signaling In Pulmonary Artery Smooth Muscle Cells". International Conference of the American Thoracic Society, 2013 Philadelphia
9. Suzuki, Y. J., Das, D., Wang, Y. H., and Hsieh C. Y.. "Protein S-Glutathionylation Is Promoted ByLigand/ReceptorMediated Cell Signaling In A Specific And Selective Manner In Lung Vascular And Airway Smooth Muscle Cells". International Conference of the American Thoracic Society, 2013 Philadelphia.
10. Das, D., Horowitz, J.D., and Kennedy, J.A. (2010). "Nitric oxide inhibits TGF- induced collagen synthesis in porcine and human aortic valve cells". Preprint No. 85306 European Society of Cardiology, ESC 2010, Stockholm, Sweden.
11. Dave, A., Das, D., Subramanyam, V.M., and Rao, J.V. (2005). "Screening of Manipal soil samples for the isolation of protease producing microorganisms". Association of Pharmaceutical Teachers of India (APTI), 10th National Convention, Nagpur, India