

List of Publications

List of Poster Presentations

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- 1) Raimalani V, Panchamia B, Ratna Prabha C. **Construction and characterization of UBC4 mutants with single residues swapped from UBC5.** Cell Biochemistry and Biophysics, December 2019. (<https://doi.org/10.1007/s12013-019-00894-1>).
- 2) Panchamia B, Raimalani V, Prashar V, Kumar M, Ratna Prabha C. **Structural and functional characterization of the domains of ubiquitin activating enzyme (E1) of *Saccharomyces cerevisiae*.** (Communicated).
- 3) Raimalani V, Panchamia B, Ratna Prabha C. **Construction of chimeric protein (c-UBC1) engineered by swapping of E2-25K linker in yeast ubiquitin conjugating enzyme UBC1 and its characterization.** (Manuscript under preparation).

List of Poster Presentations

- 1) **Poster** presented as the first author on “**Structural Study on SCCH Domain of Ubiquitin Activating Enzyme E1 of *Saccharomyces cerevisiae***” at an international conference on “Proteins, miRNA and Exosomes in Health and Disease”, 11-13 December 2018 organized by Department of Biochemistry, The M. S. University of Baroda, India.
- 2) **Poster** presented as the first author on “**Structural Study on SCCH Domain of Ubiquitin Activating Enzyme E1 of *Saccharomyces cerevisiae***” at 86th conference of Society of Biological Chemists

(SBC) on Emerging Discoveries in Health and Agricultural Sciences, 16-19 November 2017, organized by School of Life sciences, Jawaharlal Nehru University, New Delhi, India.

- 3) Abstract **“Structural Insight of SCCH Domain of Yeast Ubiquitin Activating Enzyme E1”** is published by **Wiley** as a special edition of Protein Science, page 110. **DBT-CTEP international travel grant** was allotted to present this work.
- 4) **Poster** presented as the first author on **“Structural characterization of SCCH domain of yeast ubiquitin activating enzyme E1”** at Indo-US conference on Advances in Enzymology: Implications in Health, Disease and Therapeutics, 17-19 January 2017, ACTREC, Navi Mumbai, India.

Conferences and Workshops attended during the tenure of Ph.D.

- 1) Symposium on “ Trends in Biochemistry and Inauguration of Prof. L. J. Parekh Memorial Lecture Series” organized by Department of Biochemistry, M. S. University of Baroda in 2019.
- 2) **National symposium on “Omics... to Structural Basis of Diseases”** organized by Department of Biochemistry, M. S. University of Baroda in 2016.
- 3) **Workshop on Science Communication** organized by the Welcome Trust/ DBT India at Department of Microbiology, M. S. University of Baroda in 2016.

- 4) **National Symposium** on “**Emerging Trends in Biochemical Sciences**” organized by the Department of Biochemistry, M. S. University of Baroda in 2014.
- 5) **National seminar** on “**Molecular Basis of Diseases**” organized by the Department of Biochemistry, M. S. University of Baroda in 2014.
- 6) Participated in **Open house Science Fair** held at M. S. University of Baroda in 2012.
- 7) **XXVI Gujarat Science Congress** 2012 held at M. S. University of Baroda.
- 8) **OSDD science conference** organized by OSDD and CSIR India at Malabar Christian College, Calicut in 2010.
- 9) **GARUDA BOOT CAMP** organized by OSDD and GARUDA CDAC at Malabar Christian College, Calicut in 2010.