**DHWANI JHALA**

Ph.D. research scholar

Biomaterials & Biomimetics laboratory

School of Life Sciences

Central University of Gujarat,

Sector-30, Gandhinagar, India.

**Educational Qualification**

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| --- | --- | --- | --- | --- | --- |
| Degree | School/College | Board/University | Year | | Aggregate percentage |
| Ph.D. Life sciences | School of Life Sciences | Central University of Gujarat | Pursuing | - | |
| M.Sc. Biotechnology | School of Science | Gujarat University | 2011 | 70.77% | |
| B.Sc. Biochemistry (vocational Biotechnology) | St. Xavier’s college | Gujarat University | 2009 | | 75.80% |

**Awards and Honours**

* CSIR National Eligibility Test-Junior Research Fellowship (Life sciences) December 2011 (Rank 53)
* CSIR National Eligibility Test-Lectureship (Life sciences) December 2012 (Rank 22)
* GATE (Biotechnology) 2011 qualified (Rank 38)
* M.Sc. Biotechnology (Gold medal)
* B.Sc. Biochemistry (vocational biotechnology) (Rank 1)
* Eklavya scholarship of excellence once during graduation and twice in school years
* Silver medal in F.Y.B.Sc. for standing 2nd in college

**Society Memberships**

* Society for Biomaterials & Artificial Organs (India)
* Society for Tissue Engineering and Regenerative Medicine (India)
* Canadian Biomaterials Society (Canada)

**Publications**

* Jhala D.V., Vasita R. A review on extracellular matrix mimicking strategies for an artificial stem cell niche. *Polymer Reviews*, 55 (4), 561-595 (2015).
* Jhala D.V., Kale R.K., Singh R.P. Microgravity alters cancer growth and progression. *Current Cancer Drug Targets*, 14(4), 394-406 (2014).

**Projects and Trainings**

* Dissertation work on “Screening of microbial enzymes and characterization of protease by different organisms: A comparative study” as a part of Post-Graduation curriculum under the guidance of Prof. S. R. Dave (H.O.D of Microbiology Department, School of Science).
* Training at the Research Centre of Torrent Pharmaceuticals Ltd.(Ahmedabad) in Analytical Development laboratory, Microbiology Department for one month (in 2007) at Undergraduate level
* Training at Salet Seafoods Pvt. Ltd.(Dwarka) in Quality Control Department for 15 days (in 2007) at Undergraduate level
* Training and one year experience at a plant tissue culture company *“Xplant” (*At St. Xavier’s College, Ahmedabad) from March 2008 to March 2009
* Have worked in the product designing department of the company “*Xplant*” during the final year of graduation

**Seminars/Conferences/Workshops**

* National conference on “Nanotechnology in Agriculture, Energy & Medicine” held at Central University of Gujarat in March 2016
* **Oral presentation** of “Biomaterial based approach for regulating stem cell fate” at BiYom2015 national seminar held by Central University of Gujarat in February 2015
* Poster presentation of “Homing mesenchymal stem cells in their biomimetic environment” at T-NANO 2014 international conference held by Ahmedabad University in December 2014
* **Oral presentation**, poster presentation and the **best poster award** for “Polycaprolactone-Chitosan Nanofibrous Scaffold as an Artificial Stem Cell Niche” at ‘Biomaterials2014’ Asian Polymer Association organised international conference held by IIT Delhi in October 2014
* **3rd prize winner** at DBT-ABLE organised BEST 2014 programme for our entrepreneurial project held at Bangalore in October-2014
* Attended workshop on “Advanced material processing and characterization” held at IIT Kanpur in August 2014
* Lab poster presentation and **best poster award** for “Nano-biomaterial approach for homing stem cells” at Bioconclave-2014 national seminar held at GCRI, Ahmedabad in February 2014
* Young Scientists Training Workshop on “Fundamentals and Advances in Biomaterials Science and Bio-Engineering BIOMAT12” held at Indian Institute of Science, Bangalore in December 2012
* International conference on “Design of Biomaterials-BIND12” held at Indian Institute of Science, Bangalore in December 2012
* International conference on “Mitochondria in Health and Disease” held at Central University of Gujarat in November 2012
* International conference on “Recent Advances in Cancer Research: Therapeutics to Chemoprevention” held at Central University of Gujarat in February 2012
* National workshop on “NMR 500 MHz : understanding and applications” held at Central University of Gujarat in January 2012
* National conference on “Current developments in microbial biotechnology” organised by M.G. Science Institute, Ahmedabad in January 2011
* Poster presentation on “Can science feed the world?” at Science Excellence (SCIXL), State level poster presentation competition organised by Gujarat University in 2011

**Personal Information**

* Date of Birth: 27/04/1989
* Gender: Female
* Nationality: Indian
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**REFERENCES AVAILABLE UPON REQUEST**