Faculty Profile		
Name:	Dr. Sneha Sagar (Associate	
	Professor, LJIP)	
Date of Birth:	29/01/1990	
Educational Qualifications:		100
-Ph.D. (University)	Ph.D. in Pharmacy, NIRMA	
-Master's (University)	University (2013-2018) M.Pharm. in Medicinal	
-iviasier's (Oniversity)	Chemistry, NIPER	
	Ahmedabad (2011-2013)	
-Bachelor's(University)	B.Pharm., Gujarat University (2007-2011)	
-Any Other:		
Area of Specialization :	Pharmacy, Pharmaceutical Chemistry, Medicinal Chemistry	
Date of Joining (LJIP)	16/07/2018	
Present Position :	Associate Professor, Department of Pharmaceutical Chemistry, L.J. Institute of Pharmacy	
Contact Details:		
-Address:	25, Amiraj Society, Near Shraddha Flats, Vejalpur, Ahmedabad- 380 051, Gujarat, India	
-Email	sneha.sagar ljip@ljinstitutes.edu	ı.in, snehasagar291@gmail.com
-Phone	(R) (M) 9624019338	
Work Experience :	Teaching (2 years) Industrial() Research& Development (5 years)	
Subjects taught :		
-Under Graduate level	Inorganic Chemistry (1 st sem.), Organic Chemistry-I (2 nd sem.), Organic Chemistry-II (3 rd sem.), Organic Chemistry-III (4 th sem.), Medicinal Chemistry-II	
-Post Graduate level	(5 th sem.)	
Area of Specialization in your field	Design, synthesis and biological a	activities of small heterocycles
Area of Specialization in your field	for treatment of various diseases	•
A brief account of work done by you in	M.Pharm:	
the M. Pharm. and Ph.D.	"Novel Fused Pyrazolo-Pyrimidin Diabetic Agents: A Dual Pharmac	none Analogues as Potential Anti- cophore Approach "
	novel pyrazolo[3,4-d]pyrimidino molecules were tested by <i>in vitro</i> I	OPP-IV assay and further evaluated ounds exhibited promising <i>in vivo</i>
	Ph	ı.D.
		imidazo-pyridine derivatives and gement of Alzheimer's disease"
	inflammation which lead to the d target multiple pathophysiology of ligands (MTDLs) have been evolve synthesis and biological activity of	is associated with multiple g BACE-1 inhibition and neuronal eath of neuronal cells. In order to of the disease, multitarget-directed wed. This study focuses on design, f novel imidazo-pyridines and their D. Imidazo[1,2-a]pyridines linked to

	thiazoles, quinoxalines linked to bisthiazoles and thiadiazines linked to thiazoles were synthesized and characterized. These compounds exhibited potent activity in <i>in vitro</i> BACE-1 inhibition assay. <i>In vivo</i> studies demonstrated efficient anti-inflammatory activity with inherent gastro-intestinal safety. Moreover, Compounds unveiled noteworthy anti-oxidant, anti-amyloid, neuroprotective, and anti-amnesic properties. Overall, results of the present study manifest the potential outcome of these MTDLs for AD treatment.
New Technologies /methods	
developed by you	
Scale up and Technology Transfer	
Industrial Projects Carried Out : (
No.)	
Revenue/Royalty earned by the	
Organization in Indian Rupees	
No. Government funded Projects undertaken by you and their total	
value	
Research Guidance:	
-Master's	
-Guide for PhD	
Summer/Winter/School/Conference/	11
Workshops attended:	
Summer/Winter/School/Conference/	
Workshops Conducted:	
Patents taken/applied for:	01 (Published) 1918/MUM/2013: 'Novel pyarazoles and pyrazolo pyrimidines' (2013)
Publications: No of hooks:	

Publications: No of books: ----

Research Papers: 5 (Elsevier- 03, ACS publications- 01, Bentham publication-01)

Some of the notable papers are mentioned below:

1. ACS Chemical Neuroscience 2018

Thiazolyl-thiadiazines as Beta Site Amyloid Precursor Protein Cleaving Enzyme-1 (BACE-1) Inhibitors and Anti-inflammatory Agents: Multitarget-Directed Ligands for the Efficient Management of Alzheimer's Disease

https://pubs.acs.org/doi/10.1021/acschemneuro.8b00063

2. Bioorganic Chemistry

2019

Pharmacological investigation of quinoxaline-bisthiazoles as multitarget-directed ligands for the treatment of Alzheimer's disease

https://www.sciencedirect.com/science/article/abs/pii/S0045206818312987

3. Life Sciences 2020

In silico studies on therapeutic agents for COVID-19: Drug repurposing approach https://www.sciencedirect.com/science/article/pii/S0024320520304008

4. Bioorganic and Medicinal Chemistry Letters 2015

Design, synthesis and biological evaluation of novel pyrazolo-pyrimidinones as DPP-IV inhibitors in diabetes

https://www.sciencedirect.com/science/article/abs/pii/S0960894X15300494

5. Current Bioactive Compounds 2018

2-((1H-1,2,3-triazol-1-yl)methyl)-3-phenylquinazolin-4(3H)-ones: Design, Synthesis and Evaluation as Anti-cancer Agents

http://www.eurekaselect.com/151190

Conferences, Workshops and Seminars

- 1. Attended one week national level **e-Faculty development programme** on "Redefining the Role of Educator in COVID-19 outbreak era" organized by GTU-Anand Pharmacy College, 2020.
- 2. Participated in **29**th **APSI Scientist meet & International conference** organized by SMT. N. M. Padaliya Pharmacy College, 2019.
- 3. Completed one day training on "Basics of HPLC, Instrumentation, Maintenance, Troubleshooting in Labsolutions on Shimadzu HPLC, at L. J. Institute of Pharmacy, 2019.
- 4. Participitated in Empresario Startup Summit 2018, held in EDII, Gandhinagar.
- 5. Poster presentation and participation in "International Conference on Drug Design", 2017 organised by Schrodinger.
- 6. Participated in Two days National workshop on "Methods for Statistical Data Analysis of Experimental Data" in 2017.
- 7. Attended conference on "New Paradigm in Pharma Innovation" organised by Pharma Labotica, 2016.
- 8. Poster presentation and participation in "6th International Translational Cancer Research Conference", 2016.
- 9. Poster presentation and participation in "7th International Symposium on Current Trends in Pharmaceutical Sciences" organised by Ramanbhai foundation in 2015.
- 10. Participated in Hands on workshop on "Computer Aided Drug Design and PK/PD Modelling', 2014.
- 11. Attended National Workshop on Molecular Modeling for Drug Design (MMDD-12), 2012.

Notable Achievements and activity excuted:

- Awarded gold medal in NIPER Ahmedabad for Securing 1st Rank in M. S. Pharm Medicinal chemistry with CGPA 8.8/10
- Received DST-INSPIRE fellowship to carry put Ph.D. Research work (2013-2018).
- Received best Ph. D thesis award by Gujarat Science Academy in Pharmaceutical Sciences in the year 2019.

Association with Professional Bodies	
Grants Received/Fetched:	
Consultancy and Expertise available for industries	