

Curriculum Vitae

Name: **Narasimha M. Beeraka, MRes (UK), PhD, DSc (to be awarded)**

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Phone: 00918618603719, 00918618382637



Current collaborative positions:

- Associate Professor, Dept. of Human Anatomy, Sechenov University, Moscow.
- Associate Professor, Raghavendra Institute of Pharmaceutical Sciences, JNT University, India.
- Guest Faculty, Dept. Studies in Molecular Biology, University of Mysore, India.

Current Position:

- **Postdoc research Fellow**, Herman Wells Pediatric Research Center, IUPUI, Indianapolis, USA.

Scientific Editor Roles

- **GALLY Biomedical Research Centre**, San Antonio, USA: 6-years' experience
- **SINELAB Biomedical Research Center**, Minnesota, Rochester, USA: 3 years' experience

Previous Position:

- **Senior Research Fellow, Medical writer, Professional content developer, Data analyst**, at The First affiliated Hospital of Zhengzhou University, Zhengzhou, Henan Province, China.

Education:

INSTITUTION AND LOCATION	DEGREE/ Employment	Completion Date MM/YYYY	FIELD OF STUDY
AP Residential School, Simhachalam, Andhra Pradesh, India	SSC Board -2002	March-2002	All basic subjects [Mathematics, natural sciences, biology, Physics, Chemistry, English]
AP Residential Junior College, Venkatagiri, India	Intermediate board of Education	May-2004	Bi.P.C [Biology, Physics, Chemistry], Other subjects
JNT University, India	Bachelors in Pharmacy	May-2010	Pharmacy, Pharmaceutical Sciences
University of Leicester, England, UK	Master of Research (MRes)	January-2012	Cell Physiology & Pharmacology
JSSAHER, JSS University, Mysuru, India	Ph.D.	January-2023	Molecular Biology & Pharmacology
The First affiliated hospital of Zhengzhou University, China	Postdoc research scientist.	October-2022 (PhD thesis was submitted)-April-2023	Molecular Biology & Pharmacology
Herman Wells Pediatric Research Center, IUPUI, Indianapolis, USA	Postdoc research scientist.	October-2022 (PhD thesis was	Radiation oncology & Molecular Biology

INSTITUTION AND LOCATION	DEGREE/ Employment	Completion Date MM/YYYY	FIELD OF STUDY
		submitted)-April- 2023	
I M Sechenov Moscow State Medical University	DSc [Doctor of Sciences]	June-2025 (to be awarded)	Biological Sciences

Research Summary:

Since a last a few years, I have significant track record of collaborating with different scientific societies in different continents like Europe, Asia, America including both South and North America for research & development in biomedical field. I worked on several molecular signaling pathways related to cancers, and premature neurological diseases, and cardiometabolic diseases. Thus, I have executed several biomedical research projects pertinent to cardiometabolic diseases, oncology, neurosciences across other different segments of research and produced productivity through the good publication record. Furthermore, I am interested in expanding my research to other areas such as **neuroscience, immunology, cardiometabolic diseases, genomics, proteomics, and prognostic biomarkers** by exploring other underlying cell signaling cascades attributed to the disease progression.

I am committed and motivated towards research & development in a diverse environment through the team work, time management, fertile mind, fast learner, adaptability, hard work and transparency in the data grabbing are my most significant qualities and strengths to work in R & D sector both at academic and Industry levels.

Qualified exams at National Level in India

Graduate Aptitude Test in Engineering (GATE)-2009: 89.3%

National Institute of Pharmacy Education & Research (NIPER)-2009: Qualified

Graduate Pharmacy Aptitude Test (GPAT)-2010: Qualified

Skills:

Professional Experience:

1. RGIS, Pharmacy auditor, UK (2013-2015): Lloyds, Boots pharmacies, UK

2. Professional content developer, Data analyst and Medical Writer (2015-2019): The First Affiliated Hospital of Zhengzhou University China, and Chegg, USA, India

3. Junior Research Fellow (JRF), (2019-2020): DST-SERB Cancer Research Project, India.

- **Medical writer services:** Clinical trial design, study protocol writing, Strong knowledge of ICH regulations, and CONSORT, STROBE and PRISMA guidelines
- Experience in Common Technical Document (CTD) of all modules
- **Editorial services:** Medical manuscript writing, drafting, data analysis, interpretation, manuscript reviewing to several journals, and publishing them in high reputed journals
- Subject matter expert (SME), Chegg, India, and USA
- Auditor in RGIS inventory, UK: supply chain management, stock taking, file management, Boots Pharmacies, Lloyd's pharmacies across UK.
- A strong work ethic
- Intellectual curiosity and creativity
- The ability to work effectively in a team in a fast-paced and dynamic environment
- Advanced level of English

- **Data analyst expertise:** Machine learning (for biomarker discover), MATLAB, Artificial intelligence, C+, C++, Java, and R-Statistical computing, programming expertise
- **Proficiency in English:** Got Master's degree from England, Passed IELTS, Cambridge.

Research experience:

4. Reviewer: BMC Cancer, Bentham Science, Frontiers, Dove Press journals

5. Published & accepted Research articles: **120**

6. Articles under review: **20**

7. Book chapter: 1

8. H-Index: 18

Scopus ID: 57209468586; Web of Science Researcher ID: AEG-6000-2022

Narasimha M.Beeraka Researchgate/Google scholar/Pubmed:

https://pubmed.ncbi.nlm.nih.gov/?term=Beeraka%20NM&cauthor_id=36154597&page=6

https://pubmed.ncbi.nlm.nih.gov/?term=M+Beeraka+N&cauthor_id=34270843

<https://www.researchgate.net/profile/Narasimha-Beeraka>

<https://scholar.google.com/citations?user=oeoZQpgAAAAJ&hl=en>

Patents: Oxaliplatin as a blocker of FN3K, a deglycating enzyme of oncogenic Nrf2

Highest Impact Factor published: **17**

I (Narasimha M. Beeraka) published several research papers, in Elsevier, Nature, Frontiers, Bentham science, SpringerNature, MDPI, Hindawi etc. My specific interests are based on Bioinformatics, and molecular biology to execute several biomedical research projects pertinent to cancers, neurological/cardiovascular diseases, and biomarker discovery. I am a professional content developer and medical writer.

- I have expertise in using *in silico* for artificial intelligence projects through machine learning algorithms, and in vitro, and in vivo knockout mouse models and electron microscopy, Cryo-Electron Microscopy, RNA, DNA sequencing, cell physiology, cell imaging, PCR, ELISA, Western Blotting, Mass spectrometry, NMR, X-ray diffraction, Cell Transfection, qRT-PCR, etc.,
- I expertise in rabbit (primate), mice and rat experimental models
- Additionally, I have expertise in molecular docking, molecular dynamics simulations using Schrodinger, Gromacs 4
- **Skills:** Experimental design & execution, manuscript writing, drafting, and publishing, Idea development, and grant proposal writing to funding bodies.

Publications:

Conferences

Oral presentation: IV International Youth Scientific Conference "Fundamental research – a start in medical science", Dept. of Human Anatomy, Sechenov University, Moscow

Conference Abstract: Analysis of anatomical sites of gut cancers occurrence: gastric cancer, esophageal squamous cell cancer.

Poster presentation: INDO-US Workshop on 'Molecular Epidemiology of Infectious Diseases: Translational Research From Bench to Bedside to the Field', Center of Excellence in Molecular Biology and Regenerative Medicine (CEMR; A DST-FIST Supported Center), Department of Biochemistry (A DST-FIST Supported Department), JSS Medical College.

Conferences and workshops:

1. National Conference on 'Recent Advancement and Challenges in Analytical Chemistry' organized by JSS College of Pharmacy, Mysuru
2. 9th International Congress of Society for Ethnopharmacology, SFEC, India
3. Workshop on 'Hands on training on LC-MS/MS' – conducted under the guidance of Dr Gurupadayya BM, Dept. of pharmaceutical chemistry, JSS college of pharmacy, Mysuru.

References:

Prof Ruitai Fan, MD, PhD, Director & Chairman, Cancer Center, Dept. of Radiation Oncology, The First Affiliated Hospital of Zhengzhou University, China. fccfanrt@zzu.edu.cn

Prof Junqi Liu, MD, PhD, Associate Professor, Cancer Center, Dept. of Radiation Oncology, The First Affiliated Hospital of Zhengzhou University, China. fccliujq@zzu.edu.cn

Prof Gurupadayya BM, MPharm, PhD, Professor & Head, Dept. of Pharmaceutical Chemistry, JSS College of Pharmacy, JSS Academy of Higher Education and Research. bmgurupadayya@jssuni.edu.in

Publications

Year-2025

1. Chen, Sri, C.D., **Beeraka, N.M.**, PR, H.V., Bidye, D.P., Kumar, B.P., Nikolenko, V.N. and Bannimath, G., Updates on Intrinsic Medicinal Chemistry of 1, 4-dihydropyridines, Perspectives on Synthesis and Pharmacokinetics of Novel 1, 4-dihydropyrimidines as Calcium Channel Blockers: Clinical Pharmacology. Current topics in medicinal chemistry. **[Impact Factor – 3.7]**
2. **Beeraka, Narasimha M.**, Allaka Nagalakshmi, Allaka Satyavathi, Divya M. Kote, Basappa Basappa, Vladimir N. Nikolenko, Gurupadayya Bannimath, Kirill V. Bulygin, and P. A. Mahesh. "Ginsenoside Rh4 Suppresses Notch3 and PI3K/Akt Pathway to Inhibit Growth and Metastasis of Gastric Cancer Cells: Ginsenoside Rh4 inhibit gastric cancer progression." *Journal of Cancer Biomoleculars and Therapeutics* 2, no. 1 (2025): 145-156. **[Impact Factor – NA]**
3. Alves, Erica, Gurupadayya Bannimath, Prabitha Prabhakaran, and **Narasimha Murthy Beeraka**. "The FN3K-Nrf2 Axis: A Novel Therapeutic Target in Cancer Metabolism." *Eurasian Journal of Medicine and Oncology* 8, no. 4 (2024): 338-339. **[Impact Factor – 0.8]**
4. HM, Aishwarya Bharathi, Prabitha Prabhakaran, Logesh Rajan, **Narasimha M. Beeraka**, Bijo Mathew, and Prashantha Kumar Br. "Epigenetic Threads of Neurodegeneration: TFAM's Intricate Role in Mitochondrial Transcription." *CNS & neurological disorders drug targets*. **[Impact Factor – 2.5]**
5. Uppar, Pradeep M., Keshav Kumar Harish, **Narasimha M. Beeraka**, Zhang Xi, Chaithanya Somu, Mahendra Madegowda, Mamatha Shinduvalli Kempasiddegowda et al. "Optimizing Adamantane Derivatives for Enhanced EGFR Inhibition in MCF-7 Breast Cancer Cells." *Journal of Molecular Structure* (2025): 141554. **[Impact Factor – 4.0]**
6. Mikhalev, Sergey A., Mark A. Kurtser, Victor E. Radzinsky, Mekan R. Orazov, **Narasimha M. Beeraka**, and Lyudmila M. Mikhaleva. "Exploring the Role of Lower Genital Tract Microbiota and Cervical-Endometrial Immune Metabolome in Unknown Genesis of Recurrent Pregnancy Loss." *International Journal of Molecular Sciences* 26, no. 3 (2025): 1326. **[Impact Factor – 4.9]**

Year-2024

7. Chen, Kuo, Jin Zhang, **Narasimha M. Beeraka**, and Pengwei Lu. "Thoracic-abdominal recession to preserve thickness of adipose layer in radical mastectomy patients: A clinically relevant anatomical pocket." *Journal of Plastic, Reconstructive & Aesthetic Surgery* (2024). **[Impact Factor – 2.7]**
8. **Narasimha M. Beeraka***, Jin Zhang, Chinnappa AU, Churganova A.A, Junqi Liu, Hemanth Vikram PR, Priyanka MK, Namitha Bannimath, Rajashree Deka, Prasath Manogaran, Karen D Souza, Vladimir N Nikolenko, Kirill V Bulygin, Prashant Vishwanath, Ruitai Fan, Gurupadayya Bannimath. Expression

patterns and relevance of FN3K, Nrf2, and NQO1 in Breast Cancers. Eurasian Journal of Medicine and Oncology (2024). **[Impact Factor – 2.5] [Corresponding author]**

9. Priyanka Shivaprakash^{1*}, **Narasimha M. Beeraka**^{2,3,4}, Subba Rao V. Madhunapantula⁵, Vladimir N Nikolenko³, Kanthesh M. Basalingappa^{1*} "Metformin effects on SHIP2, AMPKs and gut microbiota: Recent updates on Pharmacology". Current Medicinal Chemistry, 2024 **[Impact Factor – 4.1]**

10. Chen, Kuo, Jin Zhang, **Narasimha M. Beeraka**, and Pengwei Lu. "The Novel Strategy for Covering Implant-Based Breast Reconstruction: Pectoralis Major Fascia, Serratus Anterior Fascia, and Superficial Pectoral Fascia." Indian Journal of Surgery (2024): 1-6. **[Impact Factor – 0.4]**

11. Chen, Kuo, Jin Zhang, **Narasimha M. Beeraka**, and Pengwei Lu. "Preliminary Surgery Experience for Preventing Heat Steam-Induced Skin Damage During in Robot-Assisted Breast Reconstruction Surgery." Eurasian Journal of Medicine and Oncology (2024). **[Impact Factor – 2.5]**

12. Chen, Kuo, Jin Zhang, **Narasimha M. Beeraka**, and Pengwei Lu. "Robotic nipple sparing mastectomy and immediate breast reconstruction: significant attempts with the latissimus dorsi muscle without island flap." Minerva Surgery (2024). **[Impact Factor – 1.4]**

13. Qianqian Guo, Shizhou Ma, Deyao Zhao, **Narasimha M. Beeraka**, Hao Gu, Yufei Zheng, Ruiwen Zhao, Siting Li, Vladimir N Nikolenko, Kirill V Bulygin, Basappa Basappa, Ruitai Fan, Junqi Liu. Association of definitive radiotherapy for Esophageal cancer and the Incidence of Secondary head and neck cancers: A SEER population-based study Running Title: SEER Study for SHNC incidence after Radiotherapy of EC. World Journal of Oncology. Elmer Press. (2024). **[Impact Factor – 2.0]**

14. Cao, Yu, Chang Lu, **Narasimha M. Beeraka**, Sergey Efetov, Mikhail Enikeev, Yu Fu, Xinyi Yang, Basappa Basappa, Mingze He, and Zhi Li. "Exploring the Relationship Between Anastasis and Mitochondrial ROS-mediated Ferroptosis in Metastatic Chemoresistant Cancers: A Call for Investigation." Frontiers in Immunology 15: 1428920. **[Impact Factor – 5.7]**

15. **Beeraka, Narasimha.M.**, Basappa, B., Nikolenko, V.N. et al. Role of Neurotransmitters in Steady State Hematopoiesis, Aging, and Leukemia. Stem Cell Rev and Rep (2024). **[Impact Factor – 4.5] [Corresponding author]**

16. Jia Zhao, Ruihang Ren, **Narasimha M. Beeraka**, Mahesh P A et al Correlation of Time Trends of Air Pollutants, Greenspaces and Tracheal, bronchus and lung Cancer Incidence and Mortality among the Adults in United States. Frontiers in Oncology (2024). **[Impact Factor – 4.5] [Corresponding author]**

17. Song Zhang, Yihan Zhou, **Narasimha M. Beeraka**, Yufei Zheng, Chaonan Zhang, Nannan Xue, Junqi Liu, Prasath Manogaran, Vladimir N Nikolenko, Kirill V Bulygin, Ruitai Fan. LINC01224, AC015849.16, and LINC00908 as novel prognostic signatures in clinical stage-wise uterine corpus endometrial carcinoma (UCEC). Eurasian Journal of Medicine and Oncology (2024). **[Impact Factor – 2.5] [Corresponding author]**

18. Zhu B, Gu H, Mao Z, **Beeraka M Narasimha**, Zhao X, P A Mahesh, Zheng Y, Zhao R, Li S, Manogaran P, Fan R, Nikolenko VN, Wen H, Basappa B, Liu J. Global burden of gynaecological cancers in 2022 and projections to 2050. J Glob Health 2024;14:04155. **[Impact Factor – 7.0] [Corresponding author]**

19. Xinliang, Zhang, Eugeny E. Achkasov, Leonid K. Gavrikov, Li Yuchen, Chen Zhang, Elena N. Dudnik, Olga Rummyantseva, **Narasimha M. Beeraka**, and Oleg S. Glazachev. "Assessing the importance and safety of hypoxia conditioning for patients with occupational pulmonary diseases: A recent clinical perspective." *Biomedicine & Pharmacotherapy* 178 (2024): 117275. **[Impact Factor – 7.0]**

20. Vikram, PR Hemanth, Gunjan Kumar, Rajashree Deka, **Narasimha M. Beeraka**, Dilipkumar Reddy Kandula, Santosh Kapil Kumar Gorti, Namitha Bannimath et al. "Simultaneous multianalyte trace-level quantification of eight genotoxic nitrosamine impurities in valsartan Active Pharmaceutical Ingredient and tablet formulation using UFLC-MS/MS and greenness assessment." *Microchemical Journal* (2024): 111678. **[Impact Factor – 5.0]**

21. PR, H.V., Kandula, D.R., Gunta, U., Kumar, G., Deka, R., Chiriki, D.S., Chethan, K.S., Bannimath, N., Yadav, T., **Beeraka, N.M.** and Gurupadayya, B.M., NDSRIs Crisis in Pharmaceuticals; Insights on

Formation Pathways, Root Causes, Risk Management, and Novel Analytical Techniques. *Current medicinal chemistry*. [Impact Factor – 3.5]

22. Yuan, Jie, Narasimha M Beeraka, VN Nikolenko, Basappa Basappa et al. "Pyrimidine–triazole-tethered tert-butyl-piperazine-carboxylate suppresses breast cancer by targeting estrogen receptor signaling and β -catenin activation." *IUBMB life*. [Impact Factor – 3.0]

23. Maria V Sankova, Narasimha M Beeraka, Marine V Oganesyanyan, Negoriya A Rizaeva, Aleksey V Sankov, Olga S Shelestova, Kirill V Bulygin, Hemanth Vikram PR, Padmanabha Reddy Y, Basappa Basappa, Vladimir N Nikolenko. "Recent Developments in Achilles Tendon Risk-Analyzing Rupture Factors for Enhanced Injury Prevention and Clinical Guidance: Current Implications of Regenerative Medicine". *Journal of Orthopedic Translation*, Elsevier. [Impact Factor – 6.0]

24. Hemanth, V.P., Kumar, G., Deka, R., Hani, U., Haider, N., Talath, S., Wali, A.F., Kandula, D.R., Beeraka, N.M., Gopalaiah, S.B. and Chiriki, D.S., 2024. Trace-Level Quantification of NDMA in Levosulpiride Active Pharmaceutical Ingredient and Tablet Formulation Using UFLC-MS/MS. *Talanta Open*, p.100375. [Impact Factor – 4.0]

25. Xinyi, Yang, Reshetov Igor Vladimirovich, Narasimha M. Beeraka, Allaka Satyavathi, Dinisha Kamble, Vladimir N. Nikolenko, Allaka Naga Lakshmi et al. "Emerging insights into epigenetics and hematopoietic stem cell trafficking in age-related hematological malignancies." *Stem Cell Research & Therapy* 15, no. 1 (2024): 401. [Impact Factor – 7.0]

26. Guo, Qianqian, Xiaorong Zhu, Narasimha M. Beeraka, Ruiwen Zhao, Siting Li, Fengying Li, Padukudru Anand Mahesh, Vladimir N. Nikolenko, Ruitai Fan, and Junqi Liu. "Projected epidemiological trends and burden of liver cancer by 2040 based on GBD, CI5plus, and WHO data." *Scientific Reports* 14, no. 1 (2024): 28131. [Impact Factor – 3.8]

27. Jie Yuan, Li Yang, Hua Zhang, Narasimha M. Beeraka, Danfeng Zhang, Qun Wang, Minghua Wang, Hemanth Vikram PR, Gautam Sethi, Geng Wang. Decoding tumor microenvironment: EMT modulation in breast cancer metastasis and therapeutic resistance, and implications of novel immune checkpoint blockers. *Biomedicine & Pharmacotherapy* 181(2024): 117714. [Impact Factor – 7.0]

Year-2023 [27 papers]

28. Liu, Junqi, Jin Zhang, Narasimha M. Beeraka, Kuo Chen, Mikhail Y. Sinelnikov, Prasath Manogaran, Gurupadayya Bannimath, Vladimir N. Nikolenko, and Ruitai Fan. "Perspectives on the nanocarriers with miRNAs for targeting melanoma stemness through epigenetic regulation." *Pigment Cell & Melanoma Research* (2023), Wiley. [Impact Factor – 4.3]

29. Guo, X., Wang, L., Beeraka, Narasimha, Liu, C., Zhao, X., Zhou, R., Yu, H., Fan, R. and Liu, J., 2023. Incidence Trends, Clinicopathologic Characteristics, and Overall Survival Prediction in Retinoblastoma Children: SEER Prognostic Nomogram Analysis. *The Oncologist*, p.oyad286. **Impact Factor – 5.8]**

30. Xiaoyan Wang[†], Narasimha M. Beeraka[†], Nannan Xue, Huiming Yu, Ya Yang, Maoxing Liu, Vladimir N. Nikolenko, Junqi Liu, Di Zhao. 'Identification of a three-gene prognostic signature for radioresistant esophageal squamous cell carcinoma'. *World Journal of Clinical Oncology*, 2023. [Impact Factor – 2.8]

31. Hao Gu, Ruixia Song, Narasimha M. Beeraka, Tingxuan Li, Di Zhao, Junqi Liu, Ruitai Fan. 'SEER-based survival nomogram (1998-2015) based on 'stage, lymph node dissection, tumor size and degree of differentiation, and therapies' for prognosis of primary pulmonary sarcoma'. (2023) *Technology in Cancer Research and Treatment*. SAGE Press. [Impact Factor – 2.8]

32. Di Zhao, Xiaoyan Wang, Junqi Liu, Chinnappa AU, Vijaya Basavaraj, Chiriki Devi Sri, Vladimir N. Nikolenko, Narasimha M. Beeraka, Priyanka Sivaprakash, Ruitai Fan. 'Comparative pharmacological efficacy of COVID-19 vaccines against the variants of concerns (VOCs) of SARS CO-V2: Recent clinical Studies on Booster dose'. (2023). *Current Pharmaceutical Biotechnology*. Bentham Science. [Impact Factor – 2.8]

33. Karen DSouza, Namitha Bannimath, Subhankar P. Mandal, Deepshika Singh, Prabitha Prabhakaran, Rajashree Deka, Shaik Mohammed Suhail, Sheshagiri R Dixit, Chandan RS, Vladimir N Nikolenko,

Gurupadayya Bannimath, Prashant Vishwanath, Mikhail Y Sinelnikov, Junqi Liu, Ruitai Fan, **Narasimha M. Beeraka***. 'Recent updates on the role and challenges of nanotherapeutics in diagnosis and management of epilepsy, neurodegenerative diseases'. (2023) Journal of Nanomedicine. Meddocs Publishers [**Impact Factor – 1.1**].

34. Prasath Manogaran, **Narasimha M Beeraka**, Raja Singh Paulraj, Perumal Sathiyachandran, Mahadevaswamy T. "Impediment of cancer by dietary plant-derived alkaloids through oxidative stress: Implications of PI3K/AKT pathway in apoptosis, autophagy, and ferroptosis". Current Trends Medicinal Chemistry. Bentham Science (2023). [**Impact Factor – 3.4**]

35. Di Zhao, Xiaoyan Wang, **Narasimha M. Beeraka**, Runze Zhou, Haohao Zhang, Yanxia Liu, Yinghui Zhang, Ying Zhang, Guijun Qin, Junqi Liu, "High Body Mass Index Was Associated With Human Epidermal Growth Factor Receptor 2-Positivity, Histological Grade and Disease Progression Differently by Age". (2023), World Journal of Oncology, Elmer Press. [**Impact Factor – 5.2**]

36. Rai M, Parthasarathi A, **Beeraka NM**, Kaleem Ullah M, Malamardi S, Padukudru S, Siddaiah JB, Uthaiiah CA, Vishwanath P, Chaya SK, Ramaswamy S. Circulatory Serum Krebs von Den Lungen-6 and Surfactant Protein-D Concentrations Predict Interstitial Lung Disease Progression and Mortality. Cells. 2023 Apr 28;12(9):1281. [**Impact Factor – 6.0**]

37. Kumara, P., **Narasimha M. Beeraka**, Anandkumar Tengli, Gurupadayya Bm, Ramandeep Kaur, and Mayuri Patil. "Recent Updates on Oncogenic Signaling of Aurora Kinases in Chemosensitive, Chemoresistant Cancers: Novel Medicinal Chemistry Approaches for Targeting Aurora Kinases." Current Medicinal Chemistry (2023). [**Impact Factor – 4.1**]

38. Liu, Junqi, Qingzhu Zheng, **Narasimha M. Beeraka**, Xiao Zhang, Tingxuan Li, Ruixia Song, Di Zhao, and Ruitai Fan. "Long-Term Risk of Subsequent Malignant Neoplasms Among Childhood and Adolescent Lymphoma Survivors (1975-2013): A Population-Based Predictive Nomogram." The Oncologist (2023): oyad112. [**Impact Factor – 5.8**]

39. Chen, Kuo, Jin Zhang, **Narasimha M. Beeraka**, Dajiang Song, Mikhail Y. Sinelnikov, and Pengwei Lu. "Robot-assisted nipple-sparing mastectomy and immediate breast reconstruction with gel implant and latissimus dorsi muscle flap: Our initial experience." The International Journal of Medical Robotics and Computer Assisted Surgery: e2528. [**Impact Factor – 2.5**]

40. Chen, Kuo, **Narasimha M. Beeraka**, Xinliang Zhang, Mikhail Y. Sinelnikov, Maria Plotnikova, Cuiping Zhao, Vijaya Basavaraj, Jin Zhang, and Pengwei Lu. "Recent Advances in Therapeutic Modalities Against Breast Cancer-Related Lymphedema: Future Epigenetic Landscape." Lymphatic Research and Biology (2023). [**Impact Factor – 1.4**]

41. Chen, Kuo, Jin Zhang, **Narasimha M. Beeraka**, Jialing Li, Mikhail Y. Sinelnikov, Xinliang Zhang, Yu Cao et al. "Novel perspectives on nanotechnological and biomedical implications of monotherapy or combination regimen of lactoferrin." Current Pharmaceutical Design (2023). [**Impact Factor – 3.1**]

42. Vikram, PR Hemanth, **Narasimha M. Beeraka**, Hitesh B. Patel, and Pramod Kumar. "RP-HPLC-DAD method development and validation of L-lysine hydrochloride: application to bulk drug substance and multivitamin oral suspension." Accreditation and Quality Assurance (2023): Springer. 1-10. [**Impact Factor – 0.9**]

43. Yu Cao, Sergey K. Efetov, Mingze He, Yu Fu, **Narasimha M. Beeraka**, Jin Zhang, Xinliang Zhang, Namitha Bannimath, Kuo Chen (2023). "Updated Clinical Perspectives and Challenges of Chimeric Antigen Receptor-T Cell Therapy in Colorectal Cancer and Invasive Breast Cancer". Archivum Immunologiae et Therapiae Experimentalis. Springer. [**Impact Factor – 3.2**]

44. Fan, Ruitai, Yufei Zheng, Runze Zhou, **Narasimha M. Beeraka**, Olga A. Sukocheva, Ruiwen Zhao, Shijie Li et al. "Chinese Clinical Trial Registry (ChiCTR) 13-year data collection and analysis: geographic distribution, financial support, research phase, duration, and disease categories." Frontiers in Medicine 10: 1203346. [**Impact Factor – 3.9**]

45. **Beeraka, Narasimha M.**, Jin Zhang, Di Zhao, Junqi Liu, Chinnappa Au, Hemanth Vikram PR, Priyanka Shivaprakash et al. "Combinatorial Implications of Nrf2 Inhibitors with FN3K Inhibitor: In Vitro Breast Cancer Study." Current Pharmaceutical Design (2023). [**Impact Factor – 3.1**]

46. Hao Gu, Tingxuan Li, **Narasimha M Beeraka**, Yufei Zheng, Xintan Zhang, Ruixia Song, Runze Zhou, Xiaoyan Wang, Olga Sukocheva, Ruitai Fan, Junqi Liu. Molecular classification of human papilloma virus-negative head and neck squamous cell carcinomas: Cell cycle-based classifier and prognostic signature. 2023. Plos One.18(10):e0286414. [**Impact Factor – 3.7**]

47. **Narasimha M. Beeraka**, Jin Zhang, Subhankar Mandal, Hemanth Vikram PR, Junqi Liu, Namitha BM, Di Zhao, Prashanth Vishwanath, Gurupadayya BM, Ruitai Fan. Screening Fructosamine-3-kinase (FN3K) inhibitors, a deglycating enzyme of oncogenic Nrf2: Human FN3K Homology modelling, Docking and Molecular Dynamics Simulations. Plos One.18(10):e0286414.2023. **[Impact Factor – 3.7]**
48. Yufei Zheng, Junqi Liu, **Narasimha M Beeraka**, Prasath Manogaran, Hemanth Vikram P R, Lakshmi Durga YN, Shaik Mohammed Suhail, Bhupalam Pradeepkumar, Mikhail Y Sinelnikov, MV Greeshma, Mahesh P A, Namratha MP, Gurupadayya Bannimath, Jie Zhao and Ruitai Fan* (2023). "Inflammation and Stem Cell Stochasticity of HPV-induced Cervical Cancer: Epigenetics Based Biomarkers through Microbiome and Metabolome for Personalized Medicine: A Systematic Review". Current Medicinal Chemistry, 2023. **[Impact Factor – 4.1]**
49. Xiaoyan Wang, Junqi Liu, Lakshmi Durga YN, **Narasimha M Beeraka**, Runze Zhou, Pengwei Lu, Ruixia Song, Mikhail Sinelnikov, Kuo Chen, Ruitai Fan and Di Zhao*. (2023). Recent Updates on the Efficacy of Mitocans in Photo/Radio-Therapy for Targeting Metabolism in Chemo/Radio-Resistant Cancers: Nanotherapeutics. Current Medicinal Chemistry, 2023. **[Impact Factor – 4.1]**
50. Song Zhang, Karen Dsouza, **Narasimha M Beeraka**, Junqi Liu, Oksana Reshetniak, Hemanth Vikram PR, Priyanka LG, Greeshma MV, Pradeep Kumar Bhupalam, Mahesh PA, Prasath Manogaran, Rajashree Deka, Gurupadayya Bannimath, Mikhail Y Sinelnikov, Vladimir N Nikolenko, Kirill Bulygin, Ruitai Fan. (2023). Novel Perspectives of TSLP and RXR signaling in the Corticosteroid-Resistant Asthma: Updates on TSLP blockers. Current Medicinal Chemistry, 2023. **[Impact Factor – 4.1]**
51. Ruitai Fan, Yufei Zheng, Lakshmi Durga YN, **Narasimha M Beeraka**, Hemanth Vikram PR, Shaik Mohammed Suhail, Santhepete N. Manjula, Namitha Bannimath, Mikhail Y Sinelnikov, Vladimir N Nikolenko, Junqi Liu. 2023. Updated Intrinsic role of phytochemicals against glyphosate-induced neurotoxicity: Systematic review. Current Medicinal Chemistry, 2023. **[Impact Factor – 4.1]**
52. Vikram, Hemanth PR, Tegginamath Pramod Kumar, Gunjan Kumar, **Narasimha M. Beeraka**, Rajashree Deka, Sheik Mohammed Suhail, Sandeep Jat et al. "Nitrosamines crisis in pharmaceuticals- insights on toxicological implications, root causes and risk assessment: A systematic review." Journal of Pharmaceutical Analysis (2023). **[Impact Factor – 8.8]**
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Note: All the impact factors were given as per year 2022 and 2023