

Dr. Naval P. Kapuriya

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Vinayak Residency,
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Educational Qualifications

- ✦ **B.Sc.** in Chemistry with first-distinction (70%), 2003.

Shree H & H. B. Kotak Science College, Saurashtra University, Gujarat.

- ✦ **M.Sc.** in Organic Chemistry with First-distinction (71%), May-2005.

Department of Chemistry, Saurashtra University, Gujarat.

- ✦ **Ph.D** in Chemistry, 2009.

Institute of Biomedical Sciences, Academia Sinica, Taiwan / Saurashtra University, Gujarat.

- ✦ **Postdoctoral Researcher** in Medicinal Chemistry, 2009 to 2012

The College of Pharmacy, The Ohio State University – Columbus, Ohio, United States of America.

- ✦ **GSET-2017**

- Qualified Gujarat State Eligibility Test for Assistant Professor in Chemical Sciences held on 27th August-2017 by Gujarat SET & M.S. University Baroda.

Research Contribution (Web of Science ResearcherID :AAE-2678-2021)

- No. of Research article published in international Journals: **50** (Impact factor range: **1 to 10**)
- No. of Patent granted: **03**, No. of Patent Published: **03**
- No. of Proceedings in American Association for Cancer Research: **04**
- No. of Book Published: **02**
- h index: **18**, i10-index: 24, Total Citation: **923**

Awards/Fellowship/Achievement

- ✦ **Doctoral Fellowship** by *Institute of Biomedical Sciences, Academic Sinica – Taipei, Taiwan*
- ✦ **Post-Doctoral Fellowship** by *Ohio State University USA.*
- ✦ **Discovered a novel rearrangement named as: Su-Naval Rearrangement**
- ✦ **Invited talk:** National Conference on “Inclinations and Revolution in Chemistry” 06-01-2023 at Junagadh.
- ✦ **Expert talk:** Saurashtra University, Ph.D. Course work-24-04-2023 at Rajkot
- ✦ **Invited talk:** Research methodology workshop by KCG, Ahmedabad, 30th January.2021
- ✦ **Invited talk:** National Seminar, organized by Tolani College of Arts and Science, Bhuj, 8th Feb.2020
- ✦ **Key note speaker:** National Seminar, organized by Subhas Academy, Junagadh, 21st January 2019.
- ✦ **Invited Talk:** National Conference, organized by C. U. Shah Science College, Ahmedabad 15 Dec. 2018
- ✦ **Invited Talk:** International Conference, organized by Municipal Science College, Mahesana, 15 Sept. 2017.
- ✦ **Invited Talk:** International conference ISCB-2011 at Saurashtra University, Rajkot, Gujarat, India.

★ **Invited Talk:** International conference at Academia Sinica, Taiwan, June 2008.

Memberships and Affiliations in Professional Associations

Professional Bodies/Institution

- American Chemical Society
- Indian Society of Chemist & Biologist (ISCB)
- ISCB-Junagadh Chapter
- BKNMU University, Junagadh

- Atmiya University, Rajkot

- R. K. University, Rajkot

- Saurashtra University, Rajkot

- MKBhavnagar University
- KSKV University-Bhuj
- European Journal of Medicinal Chemistry
- Journal of Heterocyclic Chemistry
- Anticancer agents in Medicinal Chemistry
- Tetrahedron Letter
- Folia Medica
- RSC Advances
- Heliyon

Affiliation

- Member
- Member
- President
- Ex.Member of Executive Council (2018-20)
- Member of Board of Studies (Chemistry)
- Nodal Officer-NIRF committee and SAMARTH Project
- Member of Board of Studies
- Member of Doctoral research progress committee (DRPC)
- Member of Board of Examination
- Member of Doctoral Monitoring Committee
- Member of Board of Studies, Resource person, Ph. D Course work
- Visiting Lecturer
- Visiting Lecturer
- Reviewer
- Reviewer
- Reviewer
- Reviewer
- Reviewer
- Reviewer
- Reviewer

Professional Skill

Teaching

- Retrosynthesis-A disconnection approach
- Organic Reactions & Mechanism
- Stereo Chemistry
- Medicinal Chemistry
- Spectroscopic techniques
- QSAR & Combinatorial Chemistry

Research

- Target based anticancer drug design and synthesis
- Drug design based on Privileged scaffolds
- DNA alkylating agents as antitumor agents
- Modification of natural molecule for new lead generation
- New synthetic protocols via Multicomponent reaction
- Expertise in handling sophisticated Instruments -NMR, IR, HPLC & Microwave synthesizer

Patent

Patent Granted by Indian Patent Office under IPR:

1. **Patent No. 552394**, Process for the preparation of 7-azaindole hybrids as potential antitumor agents. Application No.202321030515 dated 27-04-2023. Publication: The Patent Office Journal No. 22/2023, Page no. 40785. Dated 02/06/2023.
2. **Patent No. 563494**, A colorimetric detection of cations and anions using indeno[1,2-b] quinoxaline based chemosensor. Application No. 202321040995 dated 16-06-2023. Publication: The Patent Office Journal No. 41/2023, Page no. 70252. Dated 13/10/2023.
3. **Patent No. 565806**, An emtricitabine degradation impurities and preparation method thereof. Application No. 202421021535, dated 21-03-2024. Publication: The Patent Office Journal No. 16/2024, Page no. 37011. Dated 19/04/2024.

Published Research Articles in international Journals:

1. Monil P. Dholariya, **Naval P. Kapuriya**, Deepika Maliwal, Raghuvir R.S. Pissurlenkar, Anilkumar S. Patel. Design, synthesis, and computational insights into pyrazolopyrimidine derivatives as new class of α -amylase inhibitors for antidiabetic therapy. **Journal of Molecular Structure**, 2025, 1348, 143393. Impact factor: 4.7
2. Manisha B. Karmur, Kalpna Rakholiya, Mital J. Kaneria, Sheetal B. Karmur, Atul H. Bapodra, Rashmiben Patel, Deepika Maliwal, Raghuvir R. S. Pissurlenkar, **Naval P. Kapuriya**, Jasmin Bhalodia. Synthesis and characterization of some new hybrids of 2-chloroquinoline- benzimidazole chalcones as potential antibacterial agents. **ChemistrySelect**, 2025, 10, e06199. Impact factor:2.1
3. Rupal J. Joshi, Monil P. Dholariya, Savankumar R. Chothani, Chirag A. Chamakiya, Hardik L. Varu, Manisha B. Karmur, Deepika Maliwal, Raghuvir R.S. Pissurlenkar, Atul H. Bapodra, Anilkumar S. Patel, **Naval P. Kapuriya**. Synthesis, antidiabetic activity and in silico studies of benzo[b]thiophene based small molecule α -amylase inhibitors. **Journal of Molecular Structure**, 2024, 1312, 138570. Impact factor: 4.7
4. Sheetal B. Karmur, Monil P. Dholariya, Anilkumar S. Patel, Manisha B. Karmur, Deepika Maliwal, Raghuvir R. S. Pissurlenkar, Jasmin J. Bhalodia, Mital J. Kaneria, Mrunal Ambasana, Atul H. Bapodra, **Naval P. Kapuriya**, 2-Chloroquinolinyl-thiazolidine-2,4-dione hybrids as potential α -amylase inhibitors: Synthesis, biological evaluations and in silico studies. **ChemistrySelect**, 2024, 9, e202403497. Impact factor:2.1
5. Chirag A. Chamakiya, Savankumar R. Chothani, Rupal J. Joshi, Jasmin Bhalodia, Mrunal A. Ambasana, Atul H. Bapodra, **Naval P. Kapuriya**. Efficient and metal Free synthesis of 2-aroyl 7-azaindoles via thermally induced denitrogenative intramolecular annulation of 1,2,3,4-tetrazolopyridines. **Organic and Biomolecular Chemistry**, 2024, 22, 2192-2196. Impact factor: 2.7
6. Savankumar R. Chothani, Monil P. Dholariya, Rupal J. Joshi, Chirag A. Chamakiya, Deepika Maliwal, Raghuvir R. S. Pissurlenkar, Anilkumar S. Patel, Jasmin J. Bhalodia, Mrunal A. Ambasana, Rashmiben B. Patel, Atul H. Bapodra, **Naval P. Kapuriya**. Design, solvent-free synthesis, biological evaluation and in silico studies of novel 2-amino-7-(bis(2-hydroxyethyl)amino)-4H-chromene-3-carbonitrile derivatives as potential α -amylase inhibitors. **Journal of Molecular Structure**, 2024, 1301, 137462. Impact factor: 4.7
7. Savankumar R. Chothani, Chirag A. Chamakiya, Rupal J. Joshi, Manisha B. Karmur, Sheetal B. Karmur, Hardik L. Varu, Raghuvir R. S. Pissurlenkar, Anilkumar S. Patel, **Naval P. Kapuriya**, Synthesis, anticancer evaluation and in silico studies of novel N-substituted arylidenethiazolidine-2,4-dione derivatives as Adenosine Monophosphate-Activated Protein Kinase activators. **Journal of Heterocyclic Chemistry**, 2024, 61, 789-800. Impact factor: 2.4
8. Rupal J. Joshi, Hardik L. Varu, Jasmin J. Bhalodia, Mrunal A. Ambasana, Atul H. Bapodra and **Naval P. Kapuriya**. Highly selective fluorescence sensor based on azido pyrazole-chalcone conjugates for rapid detection of iodide ion. **Results in Chemistry**, 2024, 7, 101409. Impact factor 2.3
9. Hardik L Varu, **Naval P Kapuriya**, Jasmin J Bhalodia, Atul H Bapodra, Mrunal A Ambasana. Kinetic Spectrophotometric Determination of Memantine Hydrochloride Based on the Formation of Its Dinitrochlorobenzene Adduct. **Journal of Analytical Chemistry**, 2024, 79 (10), 1431-1438, 2023. Impact factor: 1.2
10. Hardik L Varu, **Naval P Kapuriya**, Jasmin J Bhalodia, Atul H Bapodra, Mrunal A Ambasana. Molecular Iodine Mediated Spectrophotometric Determination of Tolfenamic Acid in Pharmaceutical and Veterinary Formulations. **Journal of Analytical Chemistry**, 2023, 78 (06), 687-693, 2023. Impact factor: 1.2

11. Hardik L Varu, **Naval P Kapuriya**, Jasmin J Bhalodia, Rashmi B Patel, Atul H Bapodra, Mrunal A Ambasana. An Expeditious Spectrophotometric Estimation of Memantine Hydrochloride by Facile Derivatization Using N, N-Dimethyl Aniline. **Journal of Analytical Chemistry**, 2022, 77 (11), 1433-1439, 2022. Impact factor: 1.2
12. R.B Patel, **Naval P. Kapuriya**, M. A Ambasana, J. J. Bhalodia, A.H. Bapodara. Physicochemical Determination Of Cmc And Thermodynamic Evolution: Metallomicelles Of Cui, Mui, And Cui Complexes. **Journal of Pharmaceutical Negative Results**. 2022, 13(10), 1978-1988. Impact factor: 1.65
13. Mrunal A. Ambasana, **Naval P. Kapuriya**, P. A. Ambasana, J. J. Bhalodia, A. H. Bapodra. Biorelevant dissolution studies of platelet aggregation inhibitor: Ticagrelor hydrochloride and its co-crystal with sodium salt of Aspirin. **Indian Journal of Chemical Technology (IJCT)**. 2022, 29 (1), 99-103.
14. Chirag H. Rathod, Pankajkumar B. Nariya, Deepika Maliwal, Raghuvir RS Pissurlenkar, **Naval P. Kapuriya**, and Anilkumar S. Patel. Design, Synthesis and Antidiabetic Activity of Biphenylcarbonitrile-Thiazolidinedione Conjugates as Potential α -Amylase Inhibitors. **ChemistrySelect**, 2021, 6, 2464–2469. Impact factor: 2.1
15. Anilkumar S. Patel, Sahaj A. Gandhi, Rajesh D. Modh, Urmila H. Patel, Yogesh T. Naliapara, **Naval P. Kapuriya**, Facile Synthesis of (E)-5-Styrylpyrimidines via Wittig Reaction Using Sodium Tripolyphosphate in Water, **Letters in Organic Chemistry**, 2021, 18 (8), 634-639. Impact factor 0.8
16. **Naval P. Kapuriya**, Jasmin J. Bhalodia, Mrunal A. Ambasana, Rashmi B. Patel, Atul H. Bapodra, Organocatalyzed Kabbe condensation reaction for mild and expeditious synthesis of 2,2-dialkyl and 2-spiro-4-chromanones, **Journal of Heterocyclic Chemistry**, 2020;57:3369–3374. Impact factor: 2.4
17. Anilkumar S. Patel, Satishkumar D. Tala, Pankajkumar B. Nariya, Kartik D. Ladva, **Naval P. Kapuriya**, Triethanolamine-catalyzed expeditious and greener synthesis of 2-amino-4H-chromenes, **Journal of The Chinese Chemical Society**. 2019; 66, 247-252. Impact factor: 1.96
18. Pratik A. Ambasana, **Naval P. Kapuriya**, Pankajkumar B. Nariya, Yogesh T. Naliyapara, Rajesh G. Vaghasiya, Anilkumar S. Patel, Etidronic acid catalyzed simple, facile and generalized synthetic protocol for preparation of 2-substituted-1H-benzo[d]imidazole-6-carboxylates, **Chemistry & Biology Interface**, 2018, 8, 5, 276-283.
19. Anilkumar S. Patel, **Naval P. Kapuriya**, Yogesh T. Naliapara, A Concise [3+ 3] Heteroaromatization Synthetic Strategy Afford Dicarboxamide Functionalized Novel Pyrazolo[1,5-a]pyrimidines, **Journal of Heterocyclic Chemistry**, 2017, 54, 2635-2643. Impact factor: 2.2
20. M. A. Ambasana, **N. P. Kapuriya**, K. M. Mangtani and K. D. Ladva. An improved assay method for the estimation of ticagrelor hydrochloride by reverse phase liquid chromatography. **International Journal of Pharmaceutical Sciences & Research (IJPSR)**, 2016; Vol. 7(5): 2009-2014.
21. Ribai Yan, Hsiao-Ching Chuang, **Naval Kapuriya**, Chih-Chien Chou, Po-Ting Lai, Hsin-Wen Chang, Chia-Ning Yang, Samuel K. Kulp, and Ching-Shih Chen. Exploitation of the Ability of γ -Tocopherol to Facilitate Membrane Co-localization of Akt and PHLPP1 to Develop PHLPP1-Targeted Akt Inhibitors. **Journal of Medicinal Chemistry**, 2015, 58, 2290-2298. Impact factor: 8.39
22. Li-Yuan Bai, Chang-Fang Chiu, **Naval P. Kapuriya**, Tzong-Ming Shieh, Yu-Chen Tsai, Chia-Yung Wu, Aaron M.Sargeant, Jing-Ru Weng. BX795, a TBK1 inhibitor, exhibits antitumor activity in human oral squamous cell carcinoma through apoptosis induction and mitotic phase arrest. **European Journal of Pharmacology**, 2015, 769, 287–296. Impact factor: 4.43
23. Santosh B. Salunke Abul K. Azad, **Naval P. Kapuriya**, Joan-Miquel, Balada-Llasat, Preeti Pancholi, Larry S. Schlesinger, Ching-Shih Chen. Design and synthesis of novel anti-tuberculosis agents from the celecoxib

pharmacophore. **Bioorganic and Medicinal Chemistry**, 2015, 23, 1935–1943. Impact factor: 3.46

24. Mahesh M. Savant, Akshay M. Pansuriya, Chirag V. Bhuva, **Naval Kapuriya**, and Yogesh T. Naliapara. Water Mediated Synthesis of N'-Arylmethylene-4,5,6,7-tetrahydro-2H-indazole-3-carbohydrazide Library, **Organic Chemistry International**, Volume 2014 (2014), Article ID 567053, 4 pages.
25. Mrunal A. Ambasana, **Naval P. Kapuriya**, Nilkanth J. Faldu, Kartik D. Ladva. Development and validation of a UV spectrophotometric method for the determination of ticagrelor in bulk form. **Der Pharmacia Lettre**. 2014, 6(4), 237-240
26. Chang-Fung Chiu, Li-Yuan Bai, **Naval Kapuriya**, Shih-Yuan Peng, Chia-Yung Wu, Aaron M. Sargeant, Michael Yuanchien Chen, Jing-Ru Weng. Antitumor effect of BI-D1870 on human oral squamous cell carcinoma. **Cancer Chemother Pharmacol**. 2014, 73, 237-247. Impact factor: 3.33
27. Po-Hsien Huang, Hsiao-Ching Chuang, Chih-Chien Chou, Huling Wang, Su-Lin Lee, Hsiao-Ching Yang, , Hao-Che Chiu, **Naval Kapuriya**, Dasheng Wang Samuel K. Kulp, Ching-Shih Chen. Vitamin E facilitates the inactivation of the kinase AKT by the phosphatase PHLPP1. **Science Signaling**, 2013, 6(267), ra.19. Impact factor: 9.51
28. Yihui Ma, Samantha K. McCarty, **Naval Kapuriya**, Victoria Brendel, Chaojie Wang, Motoyasu Saji, Xiaoli Zhang, David Jarjoura, Ching-Shih Chen, Mathew D. Ringel. Development of p21 Activated Kinase-targeted Multikinase Inhibitors that Inhibit Thyroid Cancer Cell Migration. **Journal of Clinical Endocrinology & Metabolism**. 2013, 98 (8), E1314-1322. Impact factor: 6.13
29. Hsiao-Ching Chuang, **Naval Kapuriya**, Samuel K. Kulp, Ching-Shih Chen, and Charles L. Shapiro. Differential anti-proliferative activities of poly(ADP-ribose) polymerase (PARP) inhibitors in triple-negative breast cancer cells. **Breast Cancer Research and treatment**. 2012, 134(2), 649–659. Impact factor: 4.859
30. **Naval Kapuriya**, Rajesh Kakadiya, Mahesh M. Savant, Akshay M. Pansuriya, Chirag V. Bhuva, Jyoti Singh, Anil S. Patel, Piyush V. Pipaliya, Vipul B. Audichya, Sarala Gangadharaiah, Sridhar M. Anandalwar, Javaregowda S. Prasad, Anamik Shah, Yogesh Naliapara. Fuller's earth catalyzed a rapid synthesis of Bis(indolyl)methanes under solvent free condition. **Indian Journal of Chemistry** 2012, 51B, 1032–1038. Impact factor: 0.5
31. Hao-Chieh Chiu, Su-Lin Lee, **Naval Kapuriya**, Dasheng Wang, Sung-Liang Yu, Samuel K. Kulp, Lee-Jeng Teng, Ching-Shih Chen. Development of Novel Antibacterial agents against methicillin-resistant staphylococcus aureus. **Bioorganic and Medicinal Chemistry**, 2012, 20, 4653–4660. Impact factor: 3.46
32. **Naval Kapuriya**, Rajesh Kakadiya, Huajin Dong, Amit Kumar, Pei-Chih Lee, Xiuguo Zhang, Ting-Chao Chou, Ching-huang Chen, King-Lam, Bhavin Marvaniya, Anamik Shah, and Tsann-Long Su. Design, Synthesis and Biological evaluation of Novel water-soluble N-mustards as potential anticancer agents. **Bioorganic and Medicinal Chemistry**, 2011, 19, 471–485. Impact factor: 3.46
33. Ravi Chaniyara, **Naval Kapuriya**, Huajin Dong, Pei-Chih Lee, sharda suman, Bhavin Marvaniya, Ting-Chao Chou, Te-Chang Lee, Rajesh Kakadiya, Anamik Shah and Tsann-Long Su. Novel Bifunctional Alkylating Agents, 5,10-dihydropyrrolo[1,2,-b]isoquinoline derivatives, synthesis and biological activity. **Bioorganic and Medicinal Chemistry**, 2011, 19, 275–278. Impact factor: 3.46
34. Mahesh M. Savant, Neetha Gowda, Akshay M. Pansuriya, Chirag V. Bhuva, **Naval Kapuriya**, Sridhar M. Anandalwar, Shashidhara J. Prasad, Anamik Shah, Yogesh T. Naliapara. A concise synthetic strategy to functionalized chromenones via [5+1] heteroannulation and facile C-N/C-S/C-O bond formation with various nucleophiles. **Tetrahedron Letters**, 2011, 52, 254–257. Impact factor: 2.618
35. Akshay M. Pansuriya, Mahesh M. Savant, Chirag V. Bhuva, Jyoti Singh, **Naval Kapuriya**, Yogesh T. Naliapara. Construction of 3,4-dihydro-1,2-diazete ring through 4p electron cyclization of 4-Hydroxy-2-oxo-2H Chromene-3-

carbaldehyde [(1E)-aryl mehtylene] Hydrazone. **Journal of Heterocyclic Chemistry**, 2010, 47(3), 513–516. Impact factor: 2.4

36. Mahesh M. Savant, Akshay M. Pansuriya, Chirag V. Bhuva, **Naval Kapuriya**, Anil S. Patel, Vipul B. Audichya, Piyush V. Pipaliya, and Yogesh T. Naliapara. Water Mediated Construction of Trisubstituted Pyrazoles/Isoxazoles Library Using Ketene Dithioacetals. **Journal of Combinatorial Chemistry**, 2010, 12, 176–180. Impact factor: 3.38
37. Akshay M. Pansuriya, Mahesh M. Savant, Chirag V. Bhuva, **Naval Kapuriya**, Jyoti Singh, Yogesh T. Naliapara. Cation Exchange Resin (Indion 130): An Efficient, Environment Friendly and Recyclable Heterogeneous Catalyst for the Biginelli Condensation. **Letters in Organic Chemistry**, 2009, 6, 619-623. Impact factor: 0.79
38. **Naval Kapuriya**, Kalpana Kapuriya, Huajin Dong, Xiuguo Zhang, Ting-Chao Chou, Yu-Ting Chen, Te-Chang Lee, Wen-Chuan Lee, Tung-Hu Tsai, Yogesh Naliapara and Tsann-Long Su. Novel DNA-directed alkylating agents: design, synthesis and potent antitumor effect of phenyl N-mustard-9-anilinoacridine conjugates via a carbamate or carbonate linker. **Bioorganic and Medicinal Chemistry**, 2009, 17, 1264–1275. Impact factor: 3.4
39. Mahesh M. Savant, Akshay M. Pansuriya, Chirag V. Bhuva, **Naval Kapuriya**, Yogesh T. Naliapara, Etidronic acid: A new and efficient catalyst for the synthesis of novel 5-nitro-3,4-dihydropyrimidine-2(1H)-ones. **Catalysis letters**, 2009, 132, 281–284. Impact factor: 2.9
40. Rajesh Kakadiya, Huajin Dong, Pei-Chih Lee, **Naval Kapuriya**, Xiuguo Zhang, Ting-Chao Chou, Te-Chang Lee, Kalpana Kapuriya, Anamik Shah and Tsann-Long Su. Potent Antitumor Bifunctional DNA Alkylating Agents, Synthesis and Biological Activities of 3a-Aza-cyclopenta[a]indenes. **Bioorganic and Medicinal Chemistry**, 2009, 17, 5614–5626. Impact factor: 3.4
41. Ching-Huang Chen, Yi-Wen Lin, Xiuguo Zhang, Ting-Chao Chou, Tsong-Jen Tsai, **Naval Kapuriya**, Rajesh Kakadiya and Tsann-Long Su. Synthesis and In Vitro Cytotoxicity of 9-Anilinoacridines Bearing N-mustard Residue on Both Anilino and Acridine Rings. **European Journal of Medicinal Chemistry**, 2009, 44, 3056–3059. Impact factor: 7.08
42. **Naval Kapuriya**, Kalpana Kapuriya, Xiuguo Zhang, Ting-Chao Chou, Rajesh Kakadiya, Yu-Tse Wu, Tung-Hu Tsai, Yu-Ting Chen, Te-Chang Lee, Anamik Shah, Yogesh Naliapara and Tsann-Long Su. Synthesis and Biological Activity of Stable and Potent Antitumor Agents, Aniline Nitrogen Mustards Linked to 9-Anilinoacridines via a Urea Linkage. **Bioorganic and Medicinal Chemistry**, 2008, 16, 5413–5423. Impact factor: 3.4
43. **Naval Kapuriya**, Kalpana Kapuriya, Narsinh M. Dodia, Yi-Wen Lin, Rajesh Kakadiya, Chao-Ting Wu, Ching-Huang Chen, Yogesh Naliapara and Tsann-Long Su. Novel Oxidative Nitrogen to Carbon Rearrangement Found in the Conversion of Anilines to Benzaldoximes by Treating with HCHO/H₂O₂. **Tetrahedron Letters**, 2008, 49, 2886–2890. Impact factor: 2.618

Published Proceedings Articles in American Association of Cancer Research (AACR):

1. Hsiao-Ching Chuang, **Naval Kapuriya**, Dasheng Wang, Samuel K. Kulp, Charles L. Shapiro and Ching-Shih Chen. Energy restriction-mimetic agents (ERMAs) decrease BRCA1 expression levels in triple-negative breast cancer cells: Arationale for combining ERMAs with poly(ADPribose) polymerase, doi: 10.1158/1538-7445.AM2011-3505, **Cancer Research**, April 15, 2011 71; 3505.ISSN No. 0008-5472
2. Tsann-Long Su, **Naval Kapuriya**, Huajin Dong, Ting-Chao Chou, Yu-Ting Chen, Te-Chang Lee, and Tung-Hu Tsai, Complete xenograft tumor remission by N-mustard-9-anilinoacridine conjugates having a carbamate or carbonate linker. **Cancer Research**, 2009 69; 4518. ISSN No. 0008-5472
3. Tsann-Long Su, Rajesh Kakadiya, **Naval Kapuriya**, Xiuguo Zhang, and Ting-Chao Chou. Potent bifunctional DNA alkylating agents, derivatives of 3a-aza-cyclopenta[a]indenes against human solid tumor xenografts, **Cancer Research**, 2008, 68; 5687. ISSN No. 0008-5472

4. Tsann-Long Su, Naval Kapuriya, Rajesh Kakadiya, Xiuguo Zhang, Tsong-Jen Tsai, and Ting-Chao Chou. Potent therapeutic effects of novel DNA-targeted alkylating agents, aniline N-mustards linked to DNA-affinic molecules against human tumor xenografts **Cancer Research**, 2007, 67; 3204. ISSN No. 0008-5472

Book Published:

1. Anticancer Agent-I: Chemistry of Bifunctional DNA alkylating agents-2018
2. Anticancer Agent-II: Chemistry of Nitrogen Mustards-2018