

## Patents

1. Kundu T. K, Radhika. V, Nanjunda Swamy S, Basappa, and Rangappa K. S., Specific Derivatives of 1, 2, 4-Triazolo-1, 3, 4-Thiadiazole Condensed Heterocyclic Nucleus Bearing Novel Small Molecule Compounds Induce Cancer-Specific Cell Death: Lead Compounds for Anti-Neoplastic Therapeutics. **US patent, PCT/ IN/ 2006/ 000379.**
2. Sugihara. K, Rangappa K. S. and Basappa, "Shinki Teibunchi Kagoubutsu oyobi sonoseizouhow. Oxazine, Benzoisoxazole and Triazole Dreavatives as Anti-Tumor Invasive Agents. **Japan Patent, Tokugan 2006-081671/ 5019768.**
3. Kundu T. K, Varier RA, Shivananju N, Basappa, Rangappa KS., Derivatives of 4,6-Disubstituted 1,2,4-Triazolo, 1,3,4-Thiadiazole A Process and Uses Thereof, **EPO Patent, 1945648, 2011.**
4. Rangappa K. S, Basappa, Mohan C. D, Shobith R, Bharathkumar H, Sethi G, Bender A, Lobie P. E, Hui K. M, Kumar A. P, Pandey V. K, Fuchs J, Shanmugam M. K, Bulusu K, Dai X, Li F, Deivasigamani A., Compounds as Modulator of JAK-STAT Pathway, Methods and Applications Thereof. **US Patent, 15/004114 dated 22-01-2016. Indian Patent, 324/CHE/2015 dated 22-01-2015.**
5. Rangappa K. S, Basappa, Mohan C. D, Shobith R, Bharathkumar H, Sethi G, Bender A, Lobie P. E, Hui K. M, Kumar A. P, Pandey V. K, Fuchs J, Shanmugam M. K, Bulusu K, Dai X, Li F, Deivasigamani A., Compounds as Modulator of JAK-STAT Pathway, Methods and Applications Thereof. **Indian Patent, 4345/CHE/2015 dated 19-08-2015.**
6. Ananda H, Sharath Kumar KS, Hegde M, Raghavan SC, Rangappa KS; 2,3,5 Trisubstituted Pyrrole Derivatives as Topoisomerase Inhibitors and Therapeutic Uses Thereof. **International Patent Application No. PCT/IN2015/050134 dated 14-10-2015.**
7. Sharath Kumar KS, Ananda H, Hegde M, Raghavan SC, Rangappa KS; Di and trisubstituted benzimidazole derivatives and method of preparation thereof. **Indian Patent Application No. 2016/41045135.**
8. Rangappa KS, Lobie PE, Basappa, Mohan CD, Shobith R, Pandey VK, Anusha S, Baburajeev CP; Adamantyl Tethered Thiazolyl-Pyrazolines, Methods and Applications Thereof; **Indian Patent Application No. 201641024910 A, Publication dated 26-01-2018.**
9. Lobie PE, Pandey VK, Rangappa KS, Basappa, Keerthy HK, Mohan CD, Shobith R; "Compounds Useful in Inhibiting Human Trefoil Factor 3". **International Patent Application No. PCT/SG2018/050277.**
10. Rangappa KS, Basappa, Mohan CD, Shobith R, Srinivasa V, Pandey V, Lobie PE; "Compounds as inhibitors of BAD phosphorylation, methods, and applications thereof"; **UK Patent-1607230.8 dated 26-04-2016.**

**Prof K.K Mohan**

1. "Novel study on surface dynamics with passivation as an isotherm on metal surface – theoretical and experimental approach" by protection of metal centre, Netherlands, NL-008-EP-2008.

**Dr.K.Mantelingu**

1. Tapas K. Kundu, K.Balasubramanyam, K. Mantelingu, M. Altaf, V. Swaminathan, "Polyisoprenyl benzophenones as inhibitors of histone acetyl transferase and uses thereof" US Patent 7,402,706 B2 July 22, 2008.
2. Tapas K Kundu, B. Ruthrotha Selvi, K. Mantelingu, A. Hari Kishore. "Site-specific inhibitors of histone methyltransferase (HMTASE) and process of preparation thereof" US patent Application serial number 7,875,741 Jan 25.1.2011.
3. Tapas K. Kundu, K. Balasubramanyam, K. Mantelingu, M. Altaf, V. Swaminathan, "Polyisoprenyl benzophenones as inhibitors of histone acetyl transferase and uses thereof" EP 1 694 622 B1 2011.
4. Inhibition of Histone Acetyltransferases by CTK7A and method thereof.  
Tapas K. Kundu, M. Arif, K. Mantelingu, K.S.Gopinath PCT application No.PCT/IB2010/053998, Indian Complete Patent application No.02168/CHE/2009.

**Prof.H.S.Prakash& Prof S.R.Niranjana**

1. A process for producing an entomophagous Beauveria bassian abiopesticide Indian Patent No. 179400 dt. 3-11-1995.
2. Novel PCR primers to detect and identify Bipolarisoryzae in rice. Indian Patent Application No.3365/CHE/2010.
3. Novel PCR primers for detection and identification of Alternaria helianthi. Indian Patent Application No. 185/CHE/2011.

**Prof.S.R.Niranjana&Prof.H.S.Shetty**

1. A process for preparing biopesticide formulation against coffee berry borer(CBB)(Patent No.1244/DEL/02,dated: 12-12-2002 Republic of South Africa(International).
2. A process for preparing biopesticide formulation against coffee berry borer(CBB)(Patent No.196925, dated: 11-08-2006) - Government of India (National).
3. A process for producing anentomophagous Beauveria bassiana biopesticide (PatentNo.TR 2005 03421 B).-Turkey (International).

**Prof.Bharathi.P.Salimath**

1. A Method for isolating the purified pro inflammatory protein (PatentNo.776/CHE:2006, dated:27-04-2006, NRDC ref: 05052.