



Indian Association for the Cultivation of Science

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Natural products are extremely important source of numerous bioactive compounds and practicing of their chemistry as a whole offered the society fantastic returns from fundamental to applied fields. Our research is focused towards that direction which prompted us to develop the chemical routes of bioactive natural products and their different designed analogues for evaluation of their activities against microbial and cancer domain as the supply of these valuable materials is very limited from the nature. **One of my very bright coworkers, Mr. Sanu Saha (SRF), has contributed immensely toward this direction and prepared pharmaceutically important many natural products as the lead researcher.** During the course of study, Sanu developed the route of cyclodepsipeptide alveolaride C (**Chem. Sci.**, **2020**, *11*, 11259-11265), an antifungal natural pesticide, where he successfully solved the structural puzzle of the proposed natural product. Furthermore, route for another cyclodepsipeptide beauveamide A has been developed following late-stage functionalization approach. His developed approach provided new analogue which has much more anticancer activity compare to the parent natural product (**Org. Lett.**, **2022**, *24*, 7113-7117). Apart from those, Sanu was involved to search for efficient routes for the total Synthesis of anticancer macrolides pestalotioprolides E and F. Importantly, this study revealed the actual structure of pestalotioprolide F first time as the proposed structure of this natural product was wrong (**Org. Lett.**, **2018**, *20*, 4606-4609,). Moreover, the total synthesis of antimicrobial natural product bipolaramide A and its stereochemical assignment has been achieved (**Org. Biomol. Chem.**, **2022**, *20*, 3348-3358). and Sanu has taken one of the major roles. The work what Sanu executed are original and deserved huge credit as accessing these biologically potential complex natural products is quite challenging which need different level of dedication and skill.

Thus, I sincerely believe that Mr. Sanu Saha is the most suitable candidate for The Sun Pharma Science Foundation Science Scholar Awards 2023 in "Pharmaceutical Sciences" and wish him all success in future endeavor.

Rajib Kumar Goswami (Ph.D Guide of Mr. Sanu Saha)

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