



सत्यमेव जयते

Nationwide Call for Research Proposals

'Drugs from the Sea'

A Programme of the Ministry of Earth Sciences, New Delhi
coordinated by
CSIR-Central Drug Research Institute, Lucknow

In order to harness the bioactive principles from the vast marine biota occurring in Indian waters for therapeutic purposes, the Ministry of Earth Sciences, Government of India, has been implementing a multidisciplinary and multi-institutional research and development programme on '**Development of Potential Drugs from Ocean (Short title: Drugs from the sea)**' since 1991 with participation of several research labs and universities under the coordination of CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow.

With a view to strengthening the scope of the programme in the current Five-Year Plan and draw more fresh talent, a call for new research proposals under 'Drug from the Sea' project is being made in the two categories listed below. The marine bio-actives (extracts, fractions, isolated compounds) and their synthetic analogues from selected proposals will be evaluated for anti-cancer, anti-bacterial, anti-fungal and anti-inflammatory activities.

1. Collection, taxonomical identification, extraction and isolation of chemical constituents of marine flora, fauna and microbes (including marine symbiotic microbes, marine endophytes, etc.) for the bio-evaluation at CSIR-CDRI.
2. Synthetic chemical libraries based on the existing marine natural product leads and chemical transformation of abundant marine natural products to develop NCEs for the above disease areas.

Researchers from universities and research institutes in the country are invited to submit detailed project proposals in the prescribed format of MoES. Joint proposals by two or more research organizations are also welcome. These proposals shall undergo screening by an expert committee followed by detailed presentation of the short-listed proposals before the Steering Committee for final evaluation. Adequate details should be provided in the proposal to facilitate rigorous evaluation. Decisions of the Screening and Steering Committees will be final.

Selected projects shall be considered for funding by the Ministry of Earth Sciences (MoES) for consumables, justifiable equipments and limited manpower costs initially for a three-year period with yearly performance based renewal. The expected deliverables and the proforma of proposal can be downloaded from CSIR-CDRI website (<http://www.cdriindia.org>) or Ministry of Earth Sciences website (www.moes.nic.in). For any query the proponents may write to the Coordinating cell of 'Drugs from the Sea' Project at CSIR-CDRI, Lucknow (coordinating.cell.dfs@gmail.com).

A soft copy of the proposal is to be e-mailed to CSIR-CDRI, Lucknow (drugs_sea@cdri.res.in) and five hard copies should be sent by post to **Coordinating Cell of DFS**, C/o Director, CSIR-Central Drug Research Institute, Sector-10, Jankipuram Extension, Sitapur Road, Lucknow 226 031, UP. Last date for submission of project proposal in response to this advertisement is **10 November 2013**.