Publications


18. A therapeutically relevant, 3,3'-diindolylmethane derivative NGD 16 attenuates angiogenesis by targeting glucose regulated protein, 78kDa (GRP78), Debasis, Deepak, Debaraj Mukherjee, Anindya Goswami* Chemico-Biological Interactions 2015, 232, 58-67


29. “Copper mediated highly stereoselective synthesis of C-glycosides from unactivated alkynes”; Anil Kumar, Syed Khalid Yousuf, Debaraj Mukherjee*. Chemical Communication, 2013, 49, 10154-10156.


**Review and Book Chapters**


**Invited Lectures**

- **Invited Lecture** on ‘Advances in C-glycosylation and their application in organic synthesis’ at University of Delhi (Carbo Conference XXXI) 14th November 2016
- **Invited Speaker & Chairperson** on ‘Medicinal Chemistry of C-glycosides’ at J&K science Congress Jammu University on 2-4 March 2017.
- **Defended successfully SERB EMR** at IISER Bhopal on 16th November DST-PAC.
- **Invited Lecture** on ‘DOS of bioactive natural products from Carbohydrate chiral pool and Development of novel methodologies’ at Centre for Biomedical Research Lukhnow on 28th March 2014
- **Plenary Lecture** on “Advances of multicomponent-one pot reactions in carbohydrate chemistry: scopes and limitations” at Bhavnagar University, Gujrat (XXIII Carbohydrate conference) on 22-24 Jan 2009
- **Invited Lecture** on “Enhanced bioactivity of natural product from carbohydrate modification” at IICB Kolkata, on Feb 2009
- Defended **DST project** “Novel reactions in carbohydrate chemistry for achieving the synthesis of anticancer agents” in front of experts at IIT-Guwahati on 16th March 2013 in a workshop
- **Oral presentation** on “Medicinal Chemistry of Dihydropyran based Macrolides derived from carbohydrates: Selective Inhibition of PI3Ka” in 27th ICS-2014, IISc. Bangalore in international symposium
- Defended Research Council meeting at IIIM Jammu from 2007 onwards almost every year.

**Patents**
1. **New methods of β-caryl-mannosylation and its application in the synthesis of gliflozins and bioactive natural products.** 2017 as principle inventor
2. **Indolylkojyl derivatives as inhibitor of invasion and metastasis in human mammary gland carcinomas.** 2016 (application number 201711022402) as principle inventor