



Editor's Desk

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Professor Sandhya S. Visweswariah from MRDG, Indian Institute of Science, has guest edited the first issue of 2017 entitled “*Signalling Across Space and Time*” with a remarkable collection of nine review articles encompassing cell migration, cell dynamics and extending to signalling at molecular level as well. The effect of regulating signals in the living cell and the role of organisms are elucidated with specific examples and sufficient referencing. On behalf of the editorial board, I wish to place a special thanks to Sandhya Visweswariah for her efforts.

The first article discusses the vital role integrins play in regulating cell adhesion. Inositol pyrophosphates, a class of energy-rich signalling molecules found in all eukaryotic cells which highlight many of the known functions in the context of the temporal and spatial distribution in eukaryotic cells form the content of the second article. Signalling networks in host–pathogen interactions and conceptualizing eukaryotic metabolic sensing and signalling are outlined in the next couple of articles. The role of phosphatases in controlling cellular dynamics and housekeeping functions of autophagy form the topics of discussion in the next two articles. Physiological roles of G proteins, the role of evolutionarily conserved Sirtuins in synchronizing inter-organellar and inter-tissue cross-talk and sensors for cAMP and cGMP and their application in live cell imaging using illuminating cyclic nucleotides are discussed in the remaining articles. The collection aptly satisfies the choice of the title for the issue.

Significantly, this issue is the beginning of **our handshake with Springer** and we hope the co-publishing efforts will flourish in the coming years.

The cover page designed by Ms. Tejeswini Padma reflects all the contents of the articles using a new concept ‘Arting Science’.

We sincerely thank the team of Springer and our Editorial Staff for publishing this issue in time, particularly with the fact that there was a significant tweaking required from both groups to get the issue in the final shape.

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