Speaker: Dr Uma Ramakrishnan, NCBS Bangalore

Title of the talk: **Tigers on island**

**Abstract:**

It is difficult to imagine tigers marooned on islands. First, they live mostly on mainlands, but second, they are big, and we expect large animals to move long distances. Over the past decade or so, my laboratory has been investigating whether tigers populations are indeed isolated from each other, and hence on islands. Using genetic methods, we have investigated geneflow (and its absence) between populations. In this talk, I will present our results that help piece together a picture of where tiger populations are connected, and where they are isolated. I will illustrate how to facilitate gene flow and connectivity on the one hand. I will also highlight examples of isolation, and explore its consequences. We hope such research help us understand tigers in the context of a changing world, and contributes towards safe-gaurding their future.