



From the Editor-in-Chief

Interdisciplinary research involving mathematical and biological sciences has deep roots at the Bulgarian Academy of Sciences, established well before the contemporary terms of Mathematical Biology or Biomathematics were coined in. The father of Molecular Biology in Bulgaria, Rumen Tsanev, is also pioneer of Bio-Mathematical research at the Academy. His joint work with Blagovest Sendov in the nineteen sixties using mathematical modelling and computer simulation in studying the cellular proliferation, differentiation and carcinogenesis productively links new developments in both fields for further advancement of knowledge, [1], [2], [3]. This research is associated with a tradition of scientific biomathematics meetings at the Academy. Probably the most significant is the international conferences series BIOMATH (www.biomath.bg). Up to now there are three Biomath conferences, BIOMATH1995 [4], BIOMATH2011 [5], [6], BIOMATH2012, and they are intended to be an annual event in the future.

In order to facilitate the dissemination of the results in this fast developing and exciting research field the Biomath Forum Society has decided to publish under the auspices of the Bulgarian Academy of Sciences a fully peer reviewed scientific international Journal BIOMATH. The general scope of the Journal is research in biosciences based on applications of mathematics as well as mathematics applied to or motivated by biological applications. It includes developing and applying mathematical and computational tools to the study of phenomena in the broad fields of biology, ecology, medicine, biotechnology, bioengineering, environmental science, etc. The Journal will follow the tradition of the BIOMATH conferences to present results of interdisciplinary nature in a form which is accessible to researchers from other disciplines.

The BIOMATH journal will be published both electronically and in printed form. I am happy to present this first issue of the BIOMATH journal.

Roumen Anguelov

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