Successfully completed contracted project agreement between the NSF (Republic of Bulgaria) and Biomath Forum[1]

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In 2014 the Editorial Board of journal *Biomath* and the journal publisher "Biomath Forum" jointly applied to the call "Bulgarian scientific periodicals" 2014, for financial support to publish two issues of journal *Biomath*. The application was approved with a budget of €3000 under a contracted agreement NPD 04 / 9-2014 funded by the National Science Foundation (NSF) of Republic of Bulgaria. The contractor was Biomath Forum.

The financial support concerned the publication of two issues of journal *Biomath*, namely the online and print versions of issues 3/2 and 4/1. Issue 3/2 was published online in February 2015 and the print version in March 2015 and issue 4/1 was published online in September 2015 and the print version in November 2015. The two issues continue to cover established scientific topics and to follow the rules and practices of publishing adopted by the Editorial Board.

General information. *Biomath* publishes articles with original scientific contributions in the field of biomathematicsan interdisciplinary field on the border of mathematics (mathematical modeling, applications of mathematics in biology), biology, computing (computational biology, bioinformatics), biomechanics, biophysics and other related fields. Biomathematics as a scientific field has promising applications in such areas as biotechnology, pharmacy, environmental protection, medicine, etc. The journal Biomath started in 2011 its electronic version has ISSN 1314-7218 (online) and its printed version has ISSN 1314-684X (print), and the journal's website is: http://www.biomathforum.org/biomath/index.php/biomath

Two issues are published yearly in both online (ISSN 1314-7218) and print (ISSN 1314-684X) versions. So far, seven issues of the journal have been published, each containing 6-8 full-text original scientific articles. By December 2015 a total of 63 scientific articles and three reviews had been published. The electronic version of *Biomath* is open access (OJS) and follows the continuous publishing system. The journal is indexed by Mathematical Reviews, Zentralblatt MATH, EBSCO, and Google Scholar. An application has been filed for evaluation of the *Biomath* journal by Scopus and Thompson Reuters (Web of Science).

The journal enjoys international recognition. There is a steady stream of new submissions. The Editor in Chief is Roumen Anguelov, head of the Department of Mathematics and Applied Mathematics of the University of Pretoria, South Africa. The Editorial Board of *Biomath* consists of nine globally recognized scientists: M. Roussel (Canada), Y. Dumont (France), P. Hingley (Germany), J. Lubuma (South Africa), H. V. Kozhuharov (U. S. A.), S. Schnell (U. S. A.), P. Hinow (U. S. A.), S. Markov and N. Pesheva (Bulgaria). The Editorial Board adheres to established ethical norms of scientific publication, in accord with practices at journals published by leading commercial publishers and scientific societies. Newly submitted articles are reviewed by the editor and appointed to a sectional editor of the editorial board. The latter provides at least two independent reviewers, who are world renowned scientists active in the field of the submitted article. In the event of diverging assessments additional reviewers are appointed and the final decision is taken by the editor. The electronic editing system (OJS)

used renders the reviewers anonymous to the author(s). The technical editing of the submitted articles and the web-site maintenance of the journal is done by V. Pirinski, a student at the Technical University of Sofia. The journal is co-financed by the voluntary work of the members of the Editorial Board, as well as by the publisher Biomath Forum, a non-profit society. Besides publishing, Biomath Forum carries out scientific and applied research in the field of biomathematics (implementation of research projects, organization of international conferences, schools for young scientists, seminars, etc.). Biomath Forum is a member of the association CrossRef, providing DOI of the published articles and links to the cited articles. The research and publishing policy of the journal is often discussed among the members of the Editorial Board.

The prepress preparation of the articles includes, besides the scientific and technical editing of the articles (the latter consisting of editing and correcting the text), conversion of articles from Word (doc-files) to LaTeX, adding linked (DOI) codes to the cited literature, formatting of the articles (including graphs, figures, and cited literature) for the online version of the journal, formatting of the final file for printing of the issue, according to the style adopted by the journal for the printed version, and other similar operations. The prepress activities include also the website maintenance, application and support of DOI identifications of the articles, organizational and accounting services, etc.

List of published scientific articles in the journal *Biomath* issues 3/2 and 4/1 published with the financial support of the Bulgarian National Science Fund under grant DNP 04/9 2014

Journal Biomath issue 3/2 (2014)
http://www.biomathforum.org/biomath/index.php/biomath/issue/view/12

Original Articles

- A. T. Tchuinte, J. J. Tewa, P. Couteron, S. Bowong, Y. Dumont, A Generic Modeling of Fire Impact in a Tree-Grass Savanna Model, Biomath 3 (2014), 1407191.

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- Svetoslav G. Nikolov, Modelling and Analysis of miRNA Regulation, Biomath 3 (2014), 1407231.
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- O. Omotuyi, H. Ueda, Descriptor-based Fitting of Lysophosphatidic Acid Receptor 3 Antagonists into a Single Predictive Mathematical Model, Biomath 3 (2014), 1410061.
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- Ana Vivas-Barber, Carlos Castillo-Chavez, Ernest Barany, Dynamics of an SAIQR Inuenza Model, Biomath 3 (2014), 1409251.
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- N. Shivaranjani, J.J.H. Miller, S.Valarmathi, A Parameter Uniform Almost First Order Convergent Numerical Method for a Semi-Linear System of Singularly Perturbed Delay Differential Equations, Biomath 3 (2014), 1411041.
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- Daniel J. Coffield Jr., Ken Kuttler, Xianggui Qu, Jorge Rabinovich, Meir Shillor, Anna Maria Spagnuolo, Alexandra Zetye, A Model for the Transmission of Chagas Disease with Random Inputs, Biomath 3 (2014), 1411071.
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- Peter Rashkov, Regular and Discontinuous Solutions in a Reaction-Diffusion Model for Hair Follicle Spacing, Biomath 3 (2014), 1411111
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Original Articles

- David A. Ekrut, Nicholas G. Cogan, A Particular Solution for a Two-Phase Model with a Sharp Interface, Biomath 1 (2015), 1503081.
  http://dx.doi.org/10.11145/j.biomath.2015.03.081

- Yannick Kouakep Tchaptchie, Duplex Elvis Houpa Danga, Nguelbe Alex, Guidzavai K. Albert, A Note on Proportionate Mixing Assumption Revisited for a Model with Vertical Transmission, Biomath 1 (2015), 1504081.
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- Mouhamadou Diaby, Stability Analysis of a Schistosomiasis Transmission Model with Control Strategies, Biomath 1 (2015), 1504161.
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- Ibrahim Diakite, Benito M. Chen-Charpentier, Effects of Discrete Time Delays and Parameters Variation on Dynamical Systems, Biomath 1 (2015), 1505201.
  http://dx.doi.org/10.11145/j.biomath.2015.05.201

- Hamadjam Abboubakar, Jean C. Kamgang, Leontine N. Nkamba, Daniel Tieudjo, Lucas Emini, Modeling the Dynamics of Arboviral Diseases with Vaccination Perspective, Biomath 4 (2015), 1507241.
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- Karen A. Yokley, Andrew F. Fischer, Nicholas S. Luke, Adrienne Rouiller, Computational Sensitivity Analysis on a Mathematical Model of Epileptic Seizures, Biomath 4 (2015), 1508141.
  http://dx.doi.org/10.11145/j.biomath.2015.08.141

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