

# Table of Contents

## International Journal of Applied Research in Bioinformatics

Volume 10 • Issue 1 • January-June-2020 • ISSN: 2640-0324 • eISSN: 2640-0332

### Research Articles

- 1      **Avatar-Based Natural Neural Network as a Dynamic Virtual Model: For Learning Networks in Bioinformatics**  
Svetlana Veretkhina, Russian State Social University, Moscow, Russia  
Vladimir Gorbachenko, Penza State University, Penza, Russia
- 26     **Brain Machine Interface: The Accurate Interpretation of Neurotransmitter Signals Targeting Muscles**  
Rinat Galiautdinov, Independent Researcher, Rome, Italy
- 37     **About Mathematical Model-Based Geothermal Water Resources in Jermuk Region in Armenia**  
Sedrak Sedrakyan, Urartu University, Yerevan, Armenia
- 46     **The Research on the Effects of Geothermal Water Resources in Modern Georgia**  
Emma Axtjan, Georgian State Engineering University, Tbilisi, Georgia
- 55     **Levy Processes Simulation for Modeling in Bioinformatics**  
Anna V. Kuzmina, Belarusian State University, Minsk, Belarus

### COPYRIGHT

The **International Journal of Applied Research in Bioinformatics (IJARB)** (ISSN 2640-0324; eISSN 2640-0332), Copyright © 2020 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Applied Research in Bioinformatics* is indexed or listed in the following: Google Scholar