

Professor Izevbigie's research group was the first to demonstrate and report anti-cancer activities of aqueous VA extracts that culminated in the issuance of two U.S. patents titled "Phytochemotherapy for Cancer" in 2004 and 2005:1. A novel Phytochemotherapy for cancer (U.S. Patent #6,713, 098), March 2004. 2. A novel Phytochemotherapy (Edotides) (U.S. Patent# 6,849,604), February 2005.

After more than 12 years of *Vernonia amygdalina* anti-cancer/ pharmacognosy research, botanical pharmacological formulations under the trade name of edoTIDE™, were developed by Prof. Izevbigie and his team, and licensed to a biotechnology company. These formulations (with health benefits) are now commercially-available in the U.S. and other parts of the globe. In Nigeria for example, the National Agency for Food and Drug Administration and Control (NAFDAC) has approved (NAFDAC Reg. no: A7-0902L) the use of edoTIDE™ botanical formulation for some health benefits. 101 top-world scientists, esteemed innovators were awarded the distinction of NAI Charter Fellow in Tampa, Florida, USA on February 22, 2013. Included in the Charter class of 2012 are 8 Nobel Laureates, 2 Fellows of the Royal Society, 12 President of Research Universities and Non-Profit Research Institutes, 50 Members of the National Academies (NAS, NAE, IOM), 11 inductees of the National Inventors Hall of Fame, 3 recipients of the National Medal of Technology and Innovation, and others. The 101 scientists and inventors were inducted as the 2012 NAI Charter Fellows during the inauguration ceremony conducted by the U.S. Patent Commissioner, Dr. Margaret Focarino from USPTO in 2013, in Tampa, Florida, U.S.A. The 113th U.S Congress (2013-2014), through its Congressional Record, commends the 101 fellows.

Supratik Kar, Ph.D.



Dr. Supratik Kar is a Post-Doctoral research associate in Interdisciplinary Center for Nanotoxicity at Jackson State University, Mississippi, USA in Prof. Jerzy Leszczynski research group Since April, 2015. He has completed his B.S. (Gold Medallist) (2008) and M.S. (Gold Medallist) (2010) degree from Jadavpur University, India securing first position in both degrees. He has earned his PhD (2015) from the Department of Pharmaceutical Technology, Jadavpur University (India) under the guidance of Prof. Kunal Roy. Former visiting researcher at the University of Gdańsk (Gdansk, Poland) under the Marie Curie International Research Staff Exchange Scheme in Prof. Tomasz Puzyn's group. Has experience in QSAR and chemometric modeling studies for Eight years. He researches a range of topics in structure-activity relationship studies, dealing with biological activity prediction of natural compounds, organic compounds, physico-chemical and toxicity prediction of various chemicals, including nanoparticles.

Dr. Kar has published 41 research and review articles, 9 book chapters till date. He has also coauthored 2 QSAR related books entitled "*Understanding the Basics of QSAR for Applications in Pharmaceutical Sciences and Risk Assessment*" (Elsevier, 2015) and "*A Primer on QSAR/QSPR Modeling: Fundamental Concepts*" (Springer, 2015). His current h-index is 18 and i-10 index is 27 with citations of 1340. He serves as an associate editor of the International Journal of Quantitative Structure-Property Relationships (IJQSPR) [IGI-Global publishers]. He has served as reviewer for reputed journals like Science of the Total Environment, Drug Discovery Today, Expert Opinion On Drug Metabolism and Toxicology, Molecular Diversity, Nanoscale, Energy, Structural Chemistry *etc.*