

# Editorial

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## 85 papers of more than 300 Scientists from Indian biological science research which appeared on retraction watch list in last 1 year

by Kamal Pratap Singh

There was time when few researchers were feeling overwhelmed because of their achievements, but suddenly a paradigm shift occurred and everything changed abruptly. This is case with few professors who graduated in scientific misconduct and of some who even continued it till superannuation, some are fellows of Indian Science Academies and some are enjoying international positions. In this article we have filtered out 85 papers of biological sciences, from 01-07-2018 to 15-07-2019 from "Retraction Watch database", a database that brings problemaic papers into attention. A total of 84 papers involving more than 300 researchers found the place in the list. Although there are many things that happened before retraction of papers but in this list the overall result was taken into consideration i.e. the paper has been retracted or not.

Recently, few names have come up in news because of bad reasons, the researchers were found to have done falsification of their data, falsification like image duplication/manipulation, data manipulation. Plagiarism for which our govt. has framed policies is just a tip of iceberg, the main accusations are against manipulators with wrong intention.

"There are many ways by which such kind of professors are hampering our growth, they are using huge public money for research consumables, they are getting salaries for doing fake research (a senior Professor in India gets minimum 1 lakh in present year) and last but not least (s)he is occupying position of much deserving candidate who can do real discoveries.

## Exceptions (Papers awaiting moderation/other reasons)

**Not All papers/scientists mentioned in the list the were retracted because it was sole mistake of Journal/Publisher, following three papers listed are because of mistake of journals/publisher:**

1. Molecular Biological Tools in Concrete Biodeterioration – A Mini Review.
2. A review of 45 candidate genes: association of single nucleotide polymorphism to schizophrenia risk.
3. Larvicidal effects of GC-MS fractions from leaf extracts of *Cassia uniflora* Mill non Spreng

**Similarly there are more articles which are are yet subjected to expression of concern, for example:**

1. Surveillance and genetic characterization of rotavirus strains circulating in four states of North Indian children.
2. MP-4 contributes to snake venom neutralization by *Mucuna pruriens* seeds through an indirect antibody-mediated mechanism .
3. Role of LOX/COX pathways in 3-nitropropionic acid-induced Huntington’s disease-like symptoms in rats: Protective effect of licofelone.
4. Emphysematous pyelonephritis due to *Aspergillus fumigatus*-a case report.
- 5.. Not given in this list, this article was republished as corrected version, “Secondary Metabolites in the Green Synthesis of Metallic Nanoparticles” by Gregory Marslin, Karthik Siram, Qaisar Maqbool, Rajendran Kamalabai Selvakesavan, Dariusz Kruszka, Piotr Kachlicki, Gregory Franklin. Gregory Marslin from Ratnam Institute of Pharmacy and Research, Nellore was main author of paper.

**Table: List of paper reported in last 1 year on retraction watch database.**

**Note:** exceptions are written above

	Title of Research Article	Journal/Publisher	Institute/Organization	Reasons/Concerns	Author(s)	MM/DD/YY	DOI/Action
1.	Larvicidal effects of GC-MS fractions from leaf extracts of <i>Cassia uniflora</i> Mill non Spreng	The International Journal of Biochemistry & Cell Biology ---Elsevier	Prof. Ramkrishna More Arts, Commerce and Science College. Pune  Abasaheb Garware College, Pune	+Error by Journal/Publisher	V P Toro Anand D Padhye Megha V Biware Nivedita A Ghayal	07-11-2019	10.1007/s12038-019-9892-4  Retracted
2.	Ambient UV-B exposure reduces the binding of ofloxacin with bacterial DNA gyrase and induces DNA damage mediated Apoptosis	The International Journal of Biochemistry & Cell Biology ---Elsevier	CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow  Banaras Hindu University, Varanasi  King George’s Medical University, Lucknow	Concerns/ Issues About Data +Duplication of Image	Jyoti Singh Ashish Dwivedi Syed Faiz Mujtaba Krishna P Singh Manish Kumar Pal Deepti Chopra Shruti Goyal Ajeet K Srivastav Divya Dubey Shailendra K Gupta Chandana Haldar Ratan Singh Ray	07/08/2019	10.1016/j.biocel.  Retracted

3.	Molecular mechanisms in progression of HPV-associated cervical carcinogenesis	Journal of Biomedical Science ---Springer - Biomed Central (BMC)	Department of Infectious Diseases Biology, National Institute for Research in Reproductive Health, J.M. Street, Parel, Mumbai 400012, India	Euphemisms for Plagiarism +Plagiarism of Article	Sadhana M Gupta Jayanti Mania-Pramanik	07/03/2019	10.1007/s13224-019-01232-4  Retracted
4.	Does the Time Interval Between Semen Collection, Processing and Insemination Affect Results of IUI	The Journal of Obstetrics and Gynecology of India ---Springer	Deccan Fertility Clinic, Shivaji Park, Mumbai, India	Euphemisms for Plagiarism  +Plagiarism of Article	Gautam N Allahbadia	07-03-2019	10.1007/s13224-019-01232-4  Retracted
5.	Multiwalled carbon nanotube wrapped nanoflake graphene composites for sensitive biosensing of leviteracetum	RSC Advances ---Royal Society of Chemistry (RSC)	Amity Institute of Nanotechnology, AMITY University, Noida  Department of Biochemistry, M. D. University, Rohtak	Concerns/ Issues About Authorship  +Concerns/ Issues About Image	Jagrati Narang Nitesh Malhotra Nidhi Chauhan C S Pundir	06/19/2019	10.1039/C9RA90046B  Retracted
6.	Ultra-diluted Toxicodendron pubescens attenuates pro-inflammatory cytokines and ROS- mediated neuropathic pain in rats	Scientific Reports ---Springer - Nature Publishing Group	R. C. Patel Institute of Pharmaceutical Education and Research, Maharashtra  Kalinga Institute of Industrial technology (a deemed to be University), Odisha  SVKM's Institute of Pharmacy Maharashtra  Janmangal Homeopathy and Wellness Centre, Gujarat	Duplication of Image  -Unreliable Data  -Unreliable Results  -Upgrade/ Update of Prior Notice	Shital Magar Deepika Nayak Umesh B Mahajan Kalpesh R Patil Sachin D Shinde Sameer N Goyal Shivang Swaminarayan Chandragouda R Patil Shreesh Ojha Chanakya Nath Kundu	06-11-2019	10.1038/s41598-019-44557-w  Retracted
7.	Functional Response of Four Syrphid Predators Associated With Green Apple Aphid ( <i>Hemiptera: Aphididae</i> ) in Laboratory	Journal of Economic Entomology ---Oxford Academic	Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Srinagar  Division of Plant Protection, Central Potato Research Institute, Shimla, H.P	-Error in Analyses  -Error in Data  -Error in Results and/or Conclusions	Akhtar Ali Khan Mohd Abas Shah Somina Majid	05/18/2019	10.1093/jee/tov264  Retracted

8.	Live birth of a Pashmina goat kid after transfer of handmade cloned embryos	Journal of Reproduction and Development ---The Society for Reproduction and Development	Sher-e- Kashmir University of Agricultural Sciences and Technology, Jammu and Kashmir	-Notice - Limited or No Information	Maajid Hassan Bhat Syed Hilal Yaqoob Firdous Ahmad Khan Hilal Musadiq Khan Mujeeb ur Rehman Fazili Nazir Ahmad Ganai Riaz Ahmad Shah	05/15/2019	10.1262/jrd.2018-126e  Retracted
9.	Review on Tribological Performance of Natural Fibre-Reinforced Polymer Composites	Journal of Bio- and Tribo-Corrosion ---Springer	St Peter's Institute of Higher Education and Research, Chennai  Sri Sairam Engineering College, Chennai  Sri Indu Institute of Engineering and Technology, Hyderabad  Koneru Lakshmaiah Education Foundation, A.P  Apollo Engineering College, Chennai	-Euphemisms for Plagiarism  -Plagiarism of Article	D Chandramohan L Ravikumar C Sivakandhan G Murali A Senthilathiban	05-02-2019	10.1007/s40735-019-0247-3  Retracted

## Major reasons for retractions

- Duplication of Image
- Falsification/Fabrication of Image
- Manipulation of Images”
- Concerns/Issues About Image
- “Concerns/Issues About Data
- Unreliable Data
- Falsification/Fabrication of Data”
- Duplication of Data
- Objections by Author(s)
- Unreliable Results
- Error in Text
- Plagiarism of Article
- Concerns/Issues About Third Party Involvement
- Duplication of Article
- Investigation by Company/Institution
- Concerns/Issues About Authorship
- Error in Data
- Investigation by Journal/Publisher
- Misconduct - Official Investigation/ Finding
- Misconduct by Author
- Error in Analyses
- Error by Journal/Publisher
- Cites Prior Retracted Work
- Unable to Access via current resources
- Lack of Balance/Bias Issues
- Withdrawal

10.	Sodium nitroprusside enhances callus induction and shoot regeneration in high value medicinal plant <i>Canscora decussata</i>	Plant Cell, Tissue and Organ Culture (PCTOC) ---Springer	Bharathiar University, Coimbatore	Error in Materials (General)  -Error in Results and/or Conclusions	Sivakumar Subiramani Sathish Sundararajan Hari Priya Sivakumar Venkatesh Rajendran Sathishkumar Ramalingam	05-01-2019	10.1007/s11240-018-01551-w  Retracted
11.	An Electronic Glove—A Boon to the Deaf and Dumb	Journal of Physics: Conference Series ---IOP Publishing	Jain Deemed to be University, Bangalore	-Error in Text	Narayana Swamy Ramaiah Gawas Santoshi Shyamsundar	04/30/2019	10.1088/1742-6596/1172/1/012113  Retracted
12.	A novel approach for the treatment of dysphagia lusoria	European Journal of Cardio-Thoracic Surgery: Official Journal of the European Association for Cardio-thoracic Surgery ---Oxford Academic	Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore	-Plagiarism of Article	Ram Rao Venugopal Jagannath Premanand Kolwalkar Sunil Putane Krishnajirao Madhusudana Narayan		10.1093/ejcts/ezz129
13.	Resveratrol and Black Tea Polyphenol Combination Synergistically Suppress Mouse Skin Tumors Growth by Inhibition of Activated MAPKs and p53	PLoS One --- PLoS	Indian Institute of Toxicology Research, Council of Scientific and Industrial Research (CSIR), Uttar Pradesh	Concerns/ Issues About Data  -Concerns/ Issues About Image  -Duplication of Image  -Manipulation of Images	Jasmine George Madhulika Singh Amit Kumar Srivastava Kulpreet Bhui Preeti Roy Pranav Kumar Chaturvedi Yogeshwer Shukla	04/19/2019	10.1371/journal.pone.0215980  Retracted

**It is bad that my name appears under retracted content in Proceedings of the Zoological Society. But please note, that the retraction was on a book review and the book (By Prof. D. Kar) itself was retracted earlier. The book review is no way a scientific contribution. I was misguided by the author of the book and my book review was based on the book. The irony is that book is still available online for sale while having retracted content.**

Gautam Aditya, Department of Zoology,  
University of Calcutta, Kolkata, India

14.	Embedded Silica Nanoparticles in Poly(Caprolactone) Nanofibrous Scaffolds Enhanced Osteogenic Potential for Bone Tissue Engineering	Tissue Engineering. Part A ---Mary Ann Liebert	Amrita Vishwa Vidyapeetham University, Kochi	-Notice - Unable to Access via current resources	Nitya Ganesh Rangasamy Jayakumar Manzoor Koyakutty Ullas Mony Shantikumar V Nair	04/17/2019	10.1089/ten.tea.2012.0167. retract  Retracted
15.	Assessment of photocatalytic potentiality and determination of ecotoxicity (using plant model for better environmental applicability) of synthesized copper, copper oxide and copper-doped zinc oxide nanoparticles	PLoS One --- PLoS	Kalyani University, Kalyani, Nadia, West Bengal  A.B.N. Seal College, West Bengal	Concerns/ Issues About Data  -Concerns/ Issues About Image  -Concerns/ Issues About Third Party Involvement  -Error in Data/  -Error in Image  -Unreliable Data	Debadrito Das Animesh Kumar Datta Divya Vishambhar Kumbhakar Baoi Ghosh Ankita Pramanik Sudha Gupta Aninda Mandal	04/16/2019	10.1371/journal.pone.0215711  Retracted
16.	Radiofrequency ablation of osteoid osteoma in common and technically challenging locations in pediatric population	Indian Journal of Medical and Paediatric Oncology: Official Journal of Indian Society of Medical & Paediatric Oncology ---Wolters Kluwer - Medknow	Christian Medical College, Vellore, Tamil Nadu	Duplication of Article	Shaileshkumar Garge Shyamkumar Nidugala Keshava Vinu Moses George Koshy Munawwar Ahmed Suraj Mammen Vrisha Madhuri	04/16/2019	10.4103/0971-5851.188612  Retracted
17.	Suppression of Neuroinflammatory and Apoptotic Signaling Cascade by Curcumin Alone and in Combination with Piperine in Rat Model of Olfactory Bulbectomy Induced Depression	PLoS One --- PLoS	Panjab University, Chandigarh	Concerns/ Issues About Data	Puneet Rinwa Anil Kumar Sukant Garg	04/15/2019	10.1371/journal.pone.0215680  Retracted

18.	MicroRNA-125a reduces proliferation and invasion of oral squamous cell carcinoma cells by targeting estrogen-related receptor $\alpha$ : Implications for cancer therapeutics	The Journal of Biological Chemistry ---American Society for Biochemistry and Molecular Biology (ASBMB)	Indian Institute of Science, Bangalore	Concerns/ Issues About Data  -Duplication of Image	Ankana Tiwari Swarmy Shivananda Kodaganur S Gopinath Arun Kumar	04-12-2019	10.1074/jbc.W119.008507  Retracted
19.	Role of LOX/COX pathways in 3-nitropropionic acid-induced Huntington's disease-like symptoms in rats: Protective effect of licofelone	British Journal of Pharmacology ---Wiley	Panjab University, Chandigarh	Concerns/ Issues About Data  -Concerns/ Issues About Results  -Investigation by Company/ Institution	Puneet Kumar Harikesh Kalonia Anil Kumar	03/28/2019	10.1111/bph.14655  Expres- sion of concern
20.	Ecological Significance of Microdiversity: Coexistence Among Casing Soil Bacterial Strains Through Allocation of Nutritional Resource	Indian Journal of Microbiology ---Springer	Mody Institute of Technology & Science (MITS), Sikar  Barkatullah University, Bhopal	Euphemisms for Plagiarism  -Plagiarism of Article	Devendra Kumar Choudhar Bhavdish N Johri	03/21/2019	10.1007/s12088-019-00779-0  Retracted
21.	Imidazolyl-PEI modified nanoparticles for enhanced gene delivery	International Journal of Pharmaceutics ---Elsevier	Institute of Genomics and Integrative Biology, Delhi University Campus, India	Concerns/ Issues About Data  -Duplication of Image	Archana Swami Anita Aggarwal Atul Pathak Soma Patnaik Pradeep Kumar Yogendra Singh Kailash C Gupta	03/15/2019	10.1016/j.ijpharm.2019.03.023  Retracted
22.	Monocrotophos Induces the Expression and Activity of Xenobiotic Metabolizing Enzymes in Pre-Sensitized Cultured Human Brain Cells	PLoS One --- PLoS	CSIR-Indian Institute of Toxicology Research, Lucknow  Integral University, Lucknow  CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow	Duplication of Image	Vinay K Tripathi Vivek Kumar Abhishek K Singh Mahendra P Kashyap Sadaf Jahan Ankita Pandey Sarfaraz Alam Feroz Khan Vinay K Khanna Sanjay Yadav Mohtshim Lohani Aditya B Pant	03/15/2019	10.1371/journal.pone.0214164  Retracted

23.	Polyethylenimine nanoparticles as efficient transfecting agents for mammalian cells	Journal of Controlled Release: Official Journal of the Controlled Release Society ---Elsevier	Institute of Genomics and Integrative Biology, Mall Road, Delhi University Delhi  Unilever Research Centre, Bangalore  Dr. B.R. Ambedkar Center for Biomedical Research, University of Delhi, Delhi	Concerns/ Issues About Data  -Duplication of Image	Surendra Nimesh Anita Goyal Vikas Pawar Sujatha Jayaraman Pradeep Kumar Ramesh Chandra Yogendra Singh Kailash C Gupta	03/15/2019	10.1016/j.jconrel.2019.02.029  Retracted
24	Biomedical	Saudi Pharmaceutical Journal ---Elsevier	C U Shah College of Pharmacy & Research, Gujarat	Plagiarism of Article	Rishad R Jivani Gaurang J Lakhtaria Dhaval O Patadiya Laxman D Patel Nurudin P Jivani Bhagyesh P Jhala	03/13/2019	10.1016/j.j.sps.2019.03.003  Retracted
25	Modulation of the Sirt-1/P53 axis by butyrate inhibits the Hepatitis B virus replication	Journal of Cancer Research and Therapeutics ---Wolters Kluwer - Medknow	South Asian University, New Delhi, India	Concerns/ Issues About Authorship -Plagiarism of Article	Saman Man Pradham Senthil K Venugopal	03/13/2019	10.4103/0973-1482.240666  Retracted

*That list, formally released to the public this week as a searchable database (<http://retractiondatabase.org/RetractionSearch.aspx?>), is now the largest and most comprehensive of its kind. It includes more than 18,000 retracted papers and conference abstracts dating back to the 1970s (and even one paper from 1756 involving Benjamin Franklin). It is not a perfect window into the world of retractions. Not all publishers, for instance, publicize or clearly label papers they have retracted, or explain why they did so. And determining which author is responsible for a paper's fatal flaws can be difficult.*

*Still, the data trove has enabled Science, working with Retraction Watch, to gain unusual insight into one of scientific publishing's most consequential but shrouded practices. Our analysis of about 10,500 retracted journal articles shows the number of retractions has continued to grow, but it also challenges some worrying perceptions that continue today. The rise of retractions seems to reflect not so much an epidemic of fraud as a community trying to police itself.*

**Source:** <https://www.sciencemag.org/news/2018/10/what-massive-database-retracted-papers-reveals-about-science-publishing-s-death-penalty>

Retraction Watch is a blog that reports on retractions of scientific papers and on related topics. The blog was launched in August 2010 and is produced by science writers Ivan Oransky and Adam Marcus. Its parent organization is the Center for Scientific Integrity.

Source: Wikipedia



26.	Green Synthesis of Silver Nanoparticles Using <i>Polyalthia longifolia</i> Leaf Extract along with D-Sorbitol: Study of Antibacterial Activity	Journal of Nano-technology ---Hindawi	University of Madras, Chennai  Indian Institute of Technology, Chennai	Duplication of Image	Somasundaram Kaviya Jayadevan Santhanalakshmi Balasubramanian Viswanathan	03-07-2019	10.1155/2019/1613475  Retracted
27.	A Comprehensive Review on Metabolic Syndrome	Cardiology Research and Practice ---Hindawi	Ex-Servicemen Contributory Health Scheme (ECHS) Polyclinic, Sultanpur Lodhi, Kapurthala	Plagiarism of Article	Jaspinder Kaur	03-06-2019	10.1155/2019/4301528  Retracted
28.	Deep convolutional neural network-based speech enhancement to improve speech intelligibility and quality for hearing-impaired listeners	Medical & Biological Engineering & Computing ---Springer	Hindusthan College of Engineering and Technology, Coimbatore  Rajagiri School of Engineering and Technology, Cochin  Sri Ramakrishna Institute of Technology, Coimbatore, India	Euphemisms for Plagiarism  -Plagiarism of Article	P F Khaleelur Rahiman V S Jayanthi A N Jayanthi	03-01-2019	10.1007/s11517-018-1933-x  Retracted
29.	Genome sequence and comparative genomics of <i>Rhizobium</i> sp. Td3, a novel plant growth promoting phosphate solubilizing <i>Cajanus cajan</i> symbiont	Microbiological Research ---Elsevier	Nirma University, Gujarat	Error in Data	Bhagya Iyer Shalini Rajkumar	02/27/2019	10.1016/j.micres.2019.02.002  Retracted
30.	Identification, Occurrence, and Validation of DRE and ABRE Cis-Regulatory Motifs in the Promoter Regions of Genes of <i>Arabidopsis thaliana</i>	Journal of Integrative Plant Biology ---Wiley	CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow  CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow, 226031 India	Falsification/Fabrication of Image	Sonal Mishra Aparna Shukla Swati Upadhyay Sanchita Pooja Sharma Seema Singh Ujjal J Phukan Abha Meena Feroz Khan Vineeta Tripathi Rakesh Kumar Shukla Ashok Shrama	02/20/2019	10.1111/jipb.12783  Retracted

31.	Synthesis and characterization of Mn/Co/Ti LDH and its utilization as a photocatalyst in visible light assisted degradation of aqueous Rhodamine B	RSC Advances ---Royal Society of Chemistry (RSC)	Gauhati University, Guwahati	Investigation by Company/ Institution  -Investigation by Journal/ Publisher	Priyadarshi Roy Chowdhury Krishna G Bhattacharyya	02/19/ 2019	10.1039/ C9RA 90011J  Retracted
32.	Organocatalytic stereoselective synthesis of passifloricin A	Organic & Biomolecular Chemistry ---Royal Society of Chemistry (RSC)	National Chemical Laboratory (CSIR), Pune,  University of Pune,	Concerns/ Issues About Data -Concerns/ Issues About Image -Investigation by Company/ Institution	Pradeep Kumar Menaka Pandey Priti Gupta Dilip D Dhavale	02-08- 2019	10.1039/ C9OB 90027F  Retracted
33.	Theaflavins induced apoptosis of LNCaP cells is mediated through induction of p53, down-regulation of NF-kappa B and mitogen-activated protein kinases pathways	Life Sciences ---Elsevier	CSIR - Industrial Toxicology Research Centre, Lucknow	Falsification/ Fabrication of Image	Neetu Kalra Kavita Seth Sahdeo Prasad Madhulika Singh Aditya B Pant Yogeshwer Shukla	02-08- 2019	10.1016/ j.lfs.2019 .02.001  Retracted
34.	A highly concise and practical route to clavaminols, sphinganine and (-)-spisulosine via indium mediated allylation of $\alpha$ -hydrazino aldehyde and a theoretical insight into the stereochemical aspects of the reaction	RSC Advances ---Royal Society of Chemistry (RSC)	CSIR-NCL (National Chemical Laboratory), Pune	Investigation by Company/ Institution	Menaka Pandey Partha Sarathi Chowdhury Achintya Kumar Dutta Pradeep Kumar Sourav Pal	02-01- 2019	10.1039/ C9RA 90005E  Retracted

**Error and falsification of data are two different things.**

Shalini Rajkumar, Nirma University

35.	Development of Gene-Pyramid Lines of the Elite Restorer Line, RPHR-1005 Possessing Durable Bacterial Blight and Blast Resistance	Frontiers in Plant Science ---Frontiers	Indian Institute of Rice Research, Hyderabad, India	Duplication of Image  -Investigation by Company/ Institution	V Abhilash Kumar C H Balachiranjeevi S Bhaskar Naik R Rambabu G Rehka G Harika S K Hajira K Pranathi M Anila M Kousik S Vijay Kumar A Yugander J Aruna T Dilip Kumar K Vijaya Sudhakara Rao A S Hari Prasad M S Madhav G S Laha S M Balachandran M S Prasad B C Viraktamath V Ravindra Babu R M Sundaram	01/24/2019	10.3389/fpls.2019.00125  Retracted
36.	Mosquitocidal properties of Bacillus species isolated from mangroves of Vellar estuary, Southeast coast of India	Journal of Parasitic Diseases: Official Organ of the Indian Society for Parasitology ---Springer	Annamalai University, Parangipettai, India	Euphemisms for Plagiarism  -Plagiarism of Article	Srinivasan Balakrishnan Kalyanasundram Indira Muthukumarasamy Srinivasan	01/17/2019	10.1007/s12639-019-01085-8  Retracted
37.	PknE, a Serine/Threonine Protein Kinase of <i>Mycobacterium tuberculosis</i> Initiates Survival Crosstalk That Also Impacts HIV Coinfection	PLoS One ---PLoS	National Institute for Research in Tuberculosis, Chennai	Concerns/ Issues About Data  -Concerns/ Issues About Results  -Duplication of Image	Dinesh Kumar Parandhaman Luke Elizabeth Hanna Sujatha Narayanan	01/17/2019	10.1371/journal.pone.0211247  Retracted
38.	<i>Mycobacterium tuberculosis</i> EsxL inhibits MHC-II expression by promoting hypermethylation in class-II transactivator loci in macrophages	The Journal of Biological Chemistry ---American Society for Biochemistry and Molecular Biology (ASBMB)	KIIT University, Bhubaneswar  National Institute of Immunology, Delhi  India Institute of Life Science, Bhubaneswar	-Duplication of Image  -Falsification/ Fabrication of Data	Srabasti Sengupta Saba Naz Ishani Das Abdul Ahad Avinash Padhi Sumanta Kumar Naik Geetanjali Ganguli Kali Prasad Pattanaik Sunil Kumar Raghav Vinay Kumar Nandicoori Avinash Sonawane	01-07-2019	10.1074/jbc.W119.007461  Retracted

39.	E3 ubiquitin ligase Fbw7 negatively regulates osteoblast differentiation by targeting Runx2 for degradation	The Journal of Biological Chemistry ---American Society for Biochemistry and Molecular Biology (ASBMB)	CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow	-Duplication of Image  -Error in Analyses  Manipulation of Images	Yogesh Kumar Isha Kapoor Kainat Khan Gatha Thacker Mohd Parvez Khan	01-04-2019	10.1074/jbc.W118.007037  Retracted
40.	Experimental investigations of oxidation stability of biodiesel produced from prunus armeniaca oil (apricot oil) and effect of various antioxidants on stability, engine performance and emissions	Fuel ---Elsevier	Chandigarh Group of Colleges, Mohali, Punjab, India	Euphemisms for Plagiarism  -Plagiarism of Article	Santosh Kumar Rakesh Kumar Mukesh Kumar	01-04-2019	10.1016/j.fuel.2018.11.106  Retracted
41.	Development of a Multiplex PCR for Detection and Evaluation of Prevalence Rate of CTX-M-15, AADA1, QNRS1 Gene among Enterobacteriaceae from Clinical Isolates	International Journal of Pharmacy and Pharmaceutical Sciences ---Innovare Academic Sciences	Vels University, Chennai Loyola college, Chennai  Sankara Nethralaya, Chennai	- Limited or No Information  -Withdrawal	J Rubala Nancy A P Padmajaa K Kaviyarasan N Murugan	01-01-2019	10.22159/ijpps.2018.v10i10.28250  Retracted
42.	Performance evaluation of DNA motif discovery programs	Bioinformation ---Biomedical Informatics Publishing Group	R.S.M.T., U.P. College, Varanasi,  C.I.M.A.P. (C.S.I.R.), Lucknow,  I.E.T., U.P. Technical University, Lucknow,  Uttarakhand Technical University, Dehradun, India	Investigation by Journal/ Publisher  -Plagiarism of Text	Chandra Prakash Singh Feroz Khan Durg Singh Chauhan Bhartendu Nath Mishra	11/30/2015	10.6026/97320630011516  Retracted

43.	Deciphering the consumer behaviour facets of functional foods: A literature review	Appetite ---Elsevier	Punjabi University Regional Centre for IT & Management, Mohali, India	-Plagiarism of Article	Navdeep Kaur Devinder Pal Singh	12/27/ 2018	10.1016/ j.appet. 2018.12. 031  Retracted
44.	Molecular Cloning and Docking of speB Gene Encoding Cysteine Protease With Antibiotic Interaction in <i>Streptococcus pyogenes</i> NBMKU12 From the Clinical Isolates	Frontiers in Microbiology ---Frontiers	Madurai Kamaraj University, Madurai  Apollo Hospitals, Chennai, India	-Concerns/ Issues About Data	Natesan Balasubramanian Govintharaj Varatharaju Vellasamy Shanmugaiah Karuppiah Balakrishnan Mandayam A Thirunarayan		10.3389/ fmicb. 2018. 03309  Retracted
45.	Choroidal osteoma with CNVM - Successful treatment with intravitreal Bevacizumab	Saudi Journal of Ophthalmology ---Elsevier	M.M. Joshi Eye Institute, Hubli	-Duplication of Article	Guruprasad S Ayachit Neeraj Pandey Vandana Dwivedi		10.1016/ j.sjopt. 2018.12. 003  Retracted
46.	Detection of Mycobacterium lepromatosis in patients with leprosy in India	Infection and Drug Resistance --- Dove Press	TLM Community Hospital, Delhi,  Postgraduate Institute of Medical Education and Research, Chandigarh	-Error in Analyses  -Error in Data  -Error in Results and/or Conclusions  -Investigation by Journal/ Publisher	Madhvi Ahuja Mallika Lavania Itu Singh Ravindra P Turankar Seema Chhabra Tarun Narang Sunil Dogra Utpal Sengupta	12/14/ 2018	10.2147/ IDR. S198258  Retracted
47.	Diagnostic efficacy of adenosine deaminase levels in cerebrospinal fluid in patients of tubercular meningitis: A comparison with polymerase chain reaction for <i>Mycobacterium tuberculosis</i>	Annals of Neurosciences ---Karger	Post Graduate Institute of Medical Education and Research, Chandigarh,	Duplication of Article  Investigation by Journal/ Publisher -Duplication of Article -Investigation by Journal/ Publisher	Fiju Chacko Manish Modi Vivek Lal S Prabhakar S V Rana S K Arora	12/13/ 2018	10 .1159/ 000 495123  Retracted

48.	Environmental impact of plantations in and around the petroleum refinery: a case study	Environmental Monitoring and Assessment ---Springer	NEERI KoZL, Kolkata  VNIT, Nagpur	-Duplication of Article -Euphemisms for Duplication	Padma S Rao Vasant A Mhaisalkar A Shrivastava Animesh Kumar T Chakrabarti S Devotta	12-10-2018	10.1007/s10661-018-7144-y  Retracted
49.	Molecular Biological Tools in Concrete Biodeterioration – A Mini Review	Environmental Technology ---Taylor and Francis	Sathyabama Institute of Science and Technology, Chennai  Indira Gandhi Centre for Atomic Research, Kalpakkam	-Error by Journal/Publisher	Vinita Vishakarma Balakrishnan Anandkumar	12-10-2018	10.1080/09593330.2019.1546082  Retracted
50.	Ondansetron loaded pectin based microspheres for nasal administration: in vitro and in vivo studies	Powder Technology ---Elsevier	R C Patel Institute of Pharmaceutical Education and Research, Maharashtra, India	-Plagiarism of Article  -Plagiarism of Image	Hitendra S Mahajan Bhushankumar V Tatiya Pankaj P Nerkar	12-07-2018	10.1016/j.powtec.2018.11.087  Retracted
51.	Emphysematous pyelonephritis due to <i>Aspergillus fumigatus</i> -a case report	Journal of Nephrology ---Springer	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	-Duplication of Article	Muffazal Ahmad	12-05-2018	10.1007/s40620-018-0558-3  Expression of concern
52.	Amino acid derived highly luminescent, heteroatom-doped carbon dots for label-free detection of Cd <sup>2+</sup> /Fe <sup>3+</sup> , cell imaging and enhanced antibacterial activity	RSC Advances ---Royal Society of Chemistry (RSC)	Indian School of Mines, Dhanbad	-Author Unresponsive  -Duplication of Data  -Objections by Author(s)  -Unreliable Data  -Unreliable Results	Paramita Karfa Ekta Roy Santanu Patra Sunil Kumar Abhrajyoti Tarafdar Rashmi Madhuri Prashant K Sharma	12-03-2018	10.1039/C8RA90093K  Retracted

**The Editors and Publisher are withdrawing the above article because it was incorrectly published in Environmental Technology by publisher. The article has been republished as intended in Environmental Technology Reviews. This was error of publisher exclusively.**

V Vishwakarma

53.	Creation of ultrasound and temperature-triggered bubble liposomes from economical precursors to enhance the therapeutic efficacy of curcumin in cancer cells	RSC Advances ---Royal Society of Chemistry (RSC)	Indian School of Mines, Dhanbad,	-Duplication of Data -Duplication of Image -Unreliable Data -Unreliable Results	Santanu Patra Ekta Roy Rashmi Madhuri Prashant K Sharma	12-03-2018	10.1039/C6RA14584A  Retracted
54.	Red luminescent manganese-doped zinc sulphide nanocrystals and their antibacterial study	Journal of Materials Chemistry B ---Royal Society of Chemistry (RSC)	University of Allahabad	-Author unresponsive -Duplication of Data -Objections by Author(s) -Unreliable Data -Unreliable Results	Prashant K Singh Prashant K Sharma Manvendra Kumar Ranu Dutta Shanthy Sundaram Avinash C Pandey	12-03-2018	10.1039/C8TB90177E  Retracted
55.	Shape-specific silver nanoparticles prepared by microwave-assisted green synthesis using pomegranate juice for bacterial inactivation and removal	RSC Advances ---Royal Society of Chemistry (RSC)	Indian School of Mines, Dhanbad	-Duplication of Data -Unreliable Data -Unreliable Results	Ekta Roy Santanu Patra Shubham Saha Rashmi Madhuri Prashant K Sharma	12-03-2018	10.1039/C8RA90094A  Retracted
56.	The next generation cell-penetrating peptide and carbon dot conjugated nano-liposome for transdermal delivery of curcumin	Biomaterials Science ---Royal Society of Chemistry (RSC)	Indian School of Mines, Dhanbad,	-Duplication of Data -Duplication of Image -Unreliable Data -Unreliable Results	Santanu Patra Ekta Roy Rashmi Madhuri Prashant K Sharma	12-03-2018	10.1039/C8BM90064G  Retracted

I have myself requested to withdraw my paper when i came to know that journal was not indexed in co-pernicus and scopus. Journal first asked me to pay 50USD for publishing and then asked to pay 150USD for withdrawl. Now after 1 year I saw my paper and name in retraction list citing data bias and balance issue, which is not true. It seems journal has put wrong reasons for withdrawing my paper.

Danish Rafiq, Pandit Jawahar Lal Nehru Government Medical College

57.	Triple signalling mode carbon dots-based biodegradable molecularly imprinted polymer as a multi-tasking visual sensor for rapid and “on-site” monitoring of silver ions	Journal of Materials Chemistry C ---Royal Society of Chemistry (RSC)	Indian Institute of Technology (Indian School of Mines), Dhanbad	-Author Unresponsive  -Duplication of Data  -Duplication of Image  -Objections by Author(s)  -Unreliable Data  -Unreliable Results	Santanu Patra Raksha Choudhary Ekta Roy Rashmi Madhuri Prashant K Sharma	12-03-2018	10.1039/C8TC90248H  Retracted
58.	Occurrence, spread and control measures of <i>Bothriocephalus acheilognathi</i> ( <i>Bothriocephalidae: Cestoda</i> )	Journal of Parasitic Diseases: Official Organ of the Indian Society for Parasitology ---Springer	University of Kashmir, Srinagar, India	-Euphemisms for Plagiarism	Tanveer A Sofi Fayaz Ahmad Bashir A Sheikh	12-01-2018	10.1007/s12639-018-1059-y  Retracted
59.	Surveillance and genetic characterization of rotavirus strains circulating in four states of North Indian children	Infection, Genetics and Evolution ---Elsevier	Jamia Hamdard, New Delhi  All India Institute of Medical Sciences, New Delhi  Rajendra Prasad Govt. Medical College, Tanda, HP  LalaLajpatRai Memorial Medical College, Meerut  Lady Hardinge Medical College, New Delhi  Post Graduate Institute of Medical Sciences, Rohtak  Indian Institute of Technology Delhi, New Delhi  Jamia Millia Islamia, New Delhi, India	-Concerns/ Issues About Authorship	Mohammad Islamuddin Wajihul Hasan Khan Shipra Gupta Vasundhara Razdhan Tiku Naushad Khan Ali Ilter Akdag Sanjeev Chaudhary Amit Upadhyay Praveen Kumar Geeta Ghatwala Pratima Ray	11/19/2018	10.1016/j.meegid.2018.11.005  Expression of concern



60.	Size-specific imprinted polymer embedded carbon nanodots modified magnetic nanoparticle for specific recognition of titanium nanoparticle: The round versus round	Biosensors & Bioelectronics ---Elsevier	Department of Applied Chemistry, Indian School of Mines, Dhanbad,	-Concerns/ Issues About Data  -Concerns/ Issues About Results  -Duplication of Image	Santanu Patra Raksha Choudhary Ekta Roy Rashmi Madhuri Prashant K Sharma	11/13/2018	10.1016/j.bios.2018.10.059  Retracted
61.	Bisindole-oxadiazole hybrids, T3P mediated® -synthesis and appraisal of their apoptotic, antimetastatic and computational Bcl-2 binding potential	Journal of Biochemical and Molecular Toxicology ---Wiley	Manipal University, Manipal  CSIR – National Institute for Interdisciplinary Science & Technology (NIIST), Kerala  Regional Cancer Centre, Kerala	-Date of Retraction/ Other Unknown  -Unreliable Data  -Unreliable Results  -Upgrade/ Update of Prior Notice	Pooja R Kamath Manu M Joseph Abdul Ajees Abdul Salam Sreelekha T Therakathinal Dhanya Sunil Subhakar Biswas Karkala Sreedhara Ranganath Pai	11-01-2018	10.1002/jbt.22212  Retracted
62.	Development and In vitro-In vivo Characterization of Chronomodulated Multi-Particulate Drug Delivery System of Terbutaline Sulphate for Treatment of Nocturnal Asthma by box– Behnken Statistical Design	Journal of Applied Pharmaceutical Science ---Journal of Applied Pharmaceutical Science	Ch. Devilal College of Pharmacy, Jagadhri,  Jaipur National University, Jaipur, Rajasthan  Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College of Pharmacy, Ropar, Punjab	-Cites Prior Retracted Work  -Duplication of Data	Prabhjot Singh Bajwa Jaya Sharma Shailesh Sharma Anurag Bhargava	11-01-2018	10.7324/JAPS.2018.81123  Retracted
63.	Methods to measure stability of dental implants	Journal of Dental & Allied Sciences ---Wolters Kluwer	Sinhgad Dental College and Hospital, Pune	-Plagiarism of Article	Shruti Digholkar Venigalla Naga Venu Madhav Jayant Palaskar	11-01-2018	10.4103/2277-4696.241420  Retracted
64.	Signalling cross-talk between nitric oxide and active oxygen in Trifolium repens L. plants responses to cadmium stress	Environmental Pollution ---Elsevier	Motilal Nehru National Institute of Technology, Allahabad	-Plagiarism of Article  -Plagiarism of Image	Shiliang Liu Rongjie Yang Durgesh Kumar Tripathi Xi Li Mingyan Jiang Bingyang Lv Mingdong Ma Qibing Chen	10/30/2018	10.1016/j.envpol.2018.10.096  Retracted

65.	Carbon nanotubes/pectin/minerals substituted apatite nanocomposite depositions on anodized titanium for hard tissue implant: In vivo biological performance	Materials Chemistry and Physics ---Elsevier	Madurai Kamaraj University, Madurai	-Concerns/ Issues About Data  -Concerns/ Issues About Results  -Duplication of Image	Dharman Govindaraj Mariappan Rajan Murugan A Munusamy Abdullah A Alarfaj Akon Higuchi S Suresh Kumar	10/	10.1016/j.match emphys. 2018. 10.004  Retracted
66.	Interaction of AtHMGB15, an ARID-HMG family protein, with RING-H2 type E3 ubiquitin ligase AtATL79	Plant Science: An International Journal of Experimental Plant Biology ---Elsevier	Bose Institute, Kolkata, India	-Concerns/ Issues About Data  -Concerns/ Issues About Image  -Date of Retraction/ Other Unknown	Payel Ganguly Sudip Saha Aditya Prasad Behera Adrita Roy Ajit Bikram Datta Shubho Chaudhuri	10/24/2018	10.1016/.plantsci. 2018.07. 020  Retracted
67.	Optimized extraction, composition, antioxidant and antimicrobial activities of exo and intracellular polysaccharides from submerged culture of Cordyceps cicadae	BMC	Himachal Pradesh Agriculture University, Palampur  Central University of Punjab, Bathinda  Punjabi University, Punjab	-Concerns/ Issues About Data  -Duplication of Image	Sapan Kumar Sharma Nandini Gautam Narender Singh Atri	10/16/2018	10.1186/s12906-018-2344-0  Retracted
68.	Male Meiotic Behavior of Apple Germplasm in Kashmir: Towards Understanding the Evolution of Apple	Cytologia ---Japan Mendel Society, International Society of Cytology	University of Kashmir  University of Jammu	-Notice - Unable to Access via current resources	Jahangir A Dar Aijaz A Wani Manoj K Dhar	10-12-2018	10.1508/cyto logia. 83.343  Retracted

**Our article has nothing to do with any technical nor is data related, falsifications of data or plagiarism. The reason was simple on email I.d. and authorship which has been resolved. Very soon this is article is going to be published.**

**Prof. Pratima Ray, Jamia Hamdard University**

69.	Identification of Autoantibodies against Transthyretin for the Screening and Diagnosis of Rheumatoid Arthritis	PLoS One --- PLoS	CSIR-Institute of Genomics and Integrative Biology, Delhi,  Department of Environmental Studies, Delhi University, Delhi  All India Institute of Medical Sciences, New Delhi  Army Hospital (Research and Referral), New Delhi	-Concerns/ Issues About Data  -Duplication of Data	Saurabh Sharma Sreejoyee Ghosh Lalit Kumar Singh Ashish Sarkar Rajesh Malhotra Onkar Prasad Garg Yogendra Singh Radhey Shyam Sharma Darshan Singh Bhakuni Taposh Kumar Das Sagarika Biswas	10-11-2018	10.1371/journal.pone.0205914  Retracted
70.	Anti-Tumor Activity of a Novel Compound-CDF Is Mediated by Regulating miR-21, miR-200, and PTEN in Pancreatic Cancer	PLoS One --- PLoS	Dr. D. Y. Patil University, Pimpri, Pune, India	-Concerns/ Issues About Data -Duplication of Image -Investigation by Company/ Institution -Misconduct - Official Investigation/ Finding  -Misconduct by Author	Bin Bao Shadan Ali Dejuan Kong Sanila H Sarkar Zhiwei Wang Sanjeev Banerjee Amro Aboukameel Subhash Padhye Philip A Philip Fazlul H Sarkar	10-02-2018	10.1371/journal.pone.0205300  Retracted
71.	Utility of FNAC in Metastatic Lymphadenopathy	Journal of Medical Oncology --- iMed.pub	Pandit Jawahar Lal Nehru Government Medical College, Chamba, India	-Date of Retraction/ Other Unknown  -Lack of Balance/Bias Issues  -Withdrawal	Danish Rafiq Tazeenjeelani Wajahat Un Nazir Yaavar Shafi Nusrat Bashir	10-01-2018	Data Not available  Retracted

We have already contacted the Central Council For Research in Homeopathy (CCRH), Ministry of AYUSH. The director of CCRH has accepted to check the reproducibility of our results through a separate study through an independent investigator. CCRH has already allotted funds for repeating the study and this development has been communicated to the Editor of the journal.

**Dr C R Patil (Professor and Head), R C Patel Institute of Pharmaceutical Education and Research**

72.	Gemcitabine Sensitivity Can Be Induced in Pancreatic Cancer Cells through Modulation of miR-200 and miR-21 Expression by Curcumin or Its Analogue CDF	Cancer Research ---American Association for Cancer Research	Dr. D.Y. Patil University, Pimpri, Pune, India	Falsification/ Fabrication of Image -Investigation by Company/ Institution	Shadan Ali Aamir Ahmad Sanjeev Banerjee Subhash Padhye Kristin Dominiak Jacqueline M Shaffert Zhiwei Wang Philip A Philip Fazlul H Sarkar	09/14/ 2018	10.1158/ 0008- 5472. CAN- 18-1178  Retracted
73.	Coronarin D, a Labdane Diterpene, Inhibits both Constitutive and Inducible Nuclear Factor- $\kappa$ B Pathway Activation, Leading to Potentiation of Apoptosis, Inhibition of Invasion, and Suppression of Osteoclastogenesis	Molecular Cancer Therapeutics ---American Association for Cancer Research	National Institute for Interdisciplinary Science and Technology (NIIST), Kerala, India	-Concerns/ Issues About Data  -Duplication of Image  -Investigation by Company/ Institution	Ajaikumar B Kunnumakkara Haruyo Ichikawa Preetha Anand Chiramel J Mohankumar Padmanabhan S Hema Mangalam S Nair Bharat B Aggarwal	09-04- 2018	10.1158/ 1535- 7163. MCT- 8-0871  Retracted
74.	Histopathological Significance and Prognostic Impact of Tumor Budding in Colorectal Cancer	Annals of Clinical & Laboratory Science ---Association of Clinical Scientists	Rajiv Gandhi Cancer Institute & Research Centre, Delhi	-Notice - Limited or No Information	Anurag Mehta Malini Goswami Rupal Sinha	09-01- 2018	Data Not available  Retracted
75.	In-silico Analysis of LncRNA-mRNA Target Prediction	Advances in Machine Learning and Data Science ---Springer	Central University of Rajasthan, Ajmer, India	-Error in Analyses  -Error in Results and/or Conclusions	Deepanjali Sharma Gaurav Meena	08/23/ 2018	10.1007/ 978-981- 10-8569 -7_28  Retracted
76.	Investigations on the emission characteristicsof diesel engine blende with jatropa oil and di methyl ether	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ---Trans Stellar (Transstellar)	M Kumarasamy College of Engineering Karur, Tamilnadu, India	-Date of Retraction/ Other Unknown  -Notice - Limited or No Information  -Withdrawal	M Kathe R Manivel	08-01- 2018	10.24 247/ ijmperda pr 2018109  Retracted

77.	Coronary Angiography Safety between Transradial and Transfemoral Access	Cardiology Research and Practice ---Hindawi	G.S.V.M. Medical College, Kanpur	-Concerns/ Issues About Data  -Concerns/ Issues About Results  -Plagiarism of Article	Santosh Kumar Sinha Vikas Mishra Nasar Afdaali Mukesh Jitendra Jha Ashutosh Kumar Mohammad Asif Ramesh Thakur Chandra Mohan Varma	07/19/2018	10.1155/2018/3045963  Retracted
78.	A review of 45 candidate genes: association of single nucleotide polymorphism to schizophrenia risk	New Genetics and Society ---Taylor and Francis	University of Jammu, Jammu and Kashmir, India	-Error by Journal/ Publisher	Indu Priya Sakshi Sharma Isar Sharma Ritu Mahajan Nisha Kapoor	07/13/2018	10.1080/14636778.2018.1481740 Retracted
79.	MP-4 contributes to snake venom neutralization by <i>Mucuna pruriens</i> seeds through an indirect antibody-mediated mechanism	The Journal of Biological Chemistry ---American Society for Biochemistry and Molecular Biology (ASBMB)	National Institute of Immunology, Delhi  Regional Centre for Biotechnology, Haryana  International Centre for Genetic Engineering and Biotechnology	Concerns/ Issues About Data  -Investigation by Journal/ Publisher	Ashish Kumar Chitra Gupta Deepak T Nair Dinakar M Salunke	07/13/2018	10.1074/jbc.EC118.001735  Expres-sion of concern
80.	Assessment of an Integrative Anticancer Treatment Using an in Vitro Perfusion-Enabled 3D Breast Tumor Model	ACS Biomaterials Science & Engineering ---American Chemical Society (ACS)	DBT - Agharkar Research Institute, Pune	-Duplication of Image	Vaishnavi Kulkarni Dhananjay Bodas Kishore Paknikar	07-12-2018	10.1021/acsbio materials.8b00698  Retracted
81.	Production of Potent Antimicrobial Compounds from <i>Streptomyces cyaneofuscatus</i> Associated with Fresh Water Sediment	Frontiers in Microbiology ---Frontiers	Mizoram University, Aizawl  CSIR-Central Drug Research Institute, Lucknow, India	-Error in Methods  -Investigation by Journal/ Publisher  -Unreliable Data	Zothanpuia Ajit K Passari Preeti Chandra Vincent V Leo Vineet K Mishra Brijesh Kumar Bhim P Singh	07-05-2018	10.3389/fmicb.2018.01681  Retracted
82.	Overcoming antibiotic resistance: Is siderophore Trojan horse conjugation an answer to evolving resistance in microbial pathogens	Journal of Controlled Release: Official Journal of the Controlled Release Society ---Elsevier	Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Allahabad	-Concerns/ Issues About Data  -Concerns/ Issues About Results	Kalyani Dhusia Archana Bajpal P W Ramteke	07-04-2018	10.1016/j.jconrel.2018.05.036  Retracted

83.	WRKY71 and TGA1a physically interact and synergistically regulate the activity of a novel promoter isolated from Petunia vein-clearing virus	Biochimica et Biophysica Acta (BBA) - Gene Regulatory Mechanisms ---Springer	Institute of Life Sciences, Odisha	-Error in Analyses -Error in Data -Error in Results and/or Conclusions	Ankita Shrestha Ahamed Khan Dipti Ranjan Mishra Kashyap Bhuyan Bhabani Sahoo Indu B Maiti Nrisingha Dey	07-04-2018	10.1016/j.bba.grm.2018.05.004  Retracted
84.	Wetlands and Lakes of the World: Devashish Kar	Proceedings of the Zoological Society ---Springer	University of Calcutta, Kolkata	-Cites Prior Retracted Work	Gautam Aditya	07-02-2018	10.1007/s12595-018-0266-y  Retracted
85.	Biogas production - A review on composition, fuel properties, feed stock and principles of anaerobic digestion	Renewable and Sustainable Energy Reviews ---Elsevier	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai  Anna University, Chennai  Arunai Engineering College, Tiruvannamalai  Aarupadai Veedu Institute of Technology, Chennai	-Date of Retraction/ Other Unknown -Euphemisms for Plagiarism -Plagiarism of Article	Balasubramaniam Bharathiraja T Sudharsana Jayaraman Jayamuthunagai Sivasankaran Chozhavendhan Jeyaraj Iyyappan	07-01-2018	10.1016/j.rser.2018.03.093  Retracted

### Notes:

1. Four Paper are still subjected to expression of concern (given under heading exceptions, 1,2,3,4)
2. Three papers were retracted just because of Publisher/Journal mistake and author were not responsible for the act. (given under heading exceptions, 1,2)
4. The reasons/concerns given with each paper was taken from Retraction watch database. No personal comment has been added toward the same.
5. Data has been curated to show only Biological Sciences papers reported in last one year on Retraction Watch database.

**Researchers with more than 1 entries:** Arun Kumar, Kailash C Gupta, Pradeep Kumar, Aditya B Pant Yogeshwer Shukla

**Researchers with more than 5 entries:** Rashmi Madhuri, Prashant K Sharma, Santanu Patra, Ekta Roy

**Total number of Papers tagged with falsification:** 4

**Total number of Papers tagged with manipulation:** 7

**Additional Note:** Though database has been selected carefully, author takes no responsibility for any mistake, for validation of information readers are requested to cross check the entries on <http://retractiondatabase.org>.

## Affiliated Institutes where research was performed

Indian Institute of Science, Indian Institute of Technology, Chennai, Bose Institute, All India Institute of Medical Sciences, Indian Institute of Technology Delhi.

**CSIR Labs:** IITR, IGIB, CIMAP, CDRI, NCL, NIIST

**DBT Labs:** National Institute of Immunology, Delhi, Regional Centre for Biotechnology, Haryana, International Centre for Genetic Engineering and Biotechnology, Delhi, Agharkar Research Institute, Pune, Institute of Life Sciences, Odisha.

**ICMR Labs:** National Institute for Research in Reproductive Health, NIRT

**ICAR – IIRRI**

**Central/State Univ:** Jamia Hamdard, BHU, King George's Medical University, MDU, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Panjab University, South Asian University, University of Madras, Gauhati University, Annamalai University, Punjabi University, MKU, PGIMER, University of Allahabad, Central University of Rajasthan, Ajmer, Central University of Punjab, University of Kashmir, University of Jammu, University of Calcutta, University of Mysore

**Other Institutes:** Nirma University, Amity, Noida, Amrita Vishwa Vidyapeetham University, R C Patel Institute of Pharmaceutical Education and Research, R. C. Patel Institute of Pharmaceutical Education and Research, Bharathiar University, Jain Deemed to be University, Sri Jayadeva Institute of Cardiovascular Sciences and Research, Amrita Vishwa Vidyapeetham University, Kalyani University, Christian Medical College-Vellore, Barkatullah University, Integral University, Unilever Research Centre, KIIT University, KIIT University, Loyola college, U.P. Technical University, Uttarakhand Technical University, M.M. Joshi Eye Institute,

Hubli, TLM Community Hospital, Delhi, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Indian School of Mines, Dhanbad, Lady Hardinge Medical College, Ch. Devilal College of Pharmacy, Jagadhri, Jaipur, National University, Amar Shaheed, Baba Ajit Singh Jujhar Singh Memorial College of Pharmacy, Ropar, Punjab, Sinhgad Dental College and Hospital, Pune, Motilal Nehru National Institute of Technology, Allahabad, Himachal Pradesh Agriculture University, , Dr. D. Y. Patil University, Pimpri, Pune, Pandit Jawahar Lal Nehru Government Medical College, Chamba, Rajiv Gandhi Cancer Institute & Research Centre, Delhi, G.S.V.M. Medical College, Kanpur, Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Allahabad.

## Conclusion from Analysis

The names in the retraction watch list shows papers which have concerns about their content. There are many ways by which manipulations can be done(see on page 11) but after receiving responses of some authors it cannot be denied that not all authors of papers in the list were responsible for misconduct. Small mistakes, like skipping references, unintentional duplication of data/images, citing prior(currently) retracted work and error by Journal. What we should worried about is serious issues like falsification, image editing etc. Though we cannot avoid plagiarism but it is also not serious issue unless one has done it intentionally to much extent, simply copying some grammar line should be avoided to avoid retraction rate.

In the absence of strong regulations, these professors enjoy immunity of some kind and keep on repeating the same, creating their own world of research. Only UGC has publicly available guidelines, but they are restricted to plagiarism, they are not regulated as strongly as in other developed countries like U.S.

Everything written in Gazette "UNIVERSITY

GRANTS COMMISSION (PROMOTION OF ACADEMIC INTEGRITY AND PREVENTION OF PLAGIARISM IN HIGHER EDUCATIONAL INSTITUTIONS) REGULATIONS, 2018 dated 23rd July, 2018, says about plagiarism whereas USA's ORI include all kinds of scientific misconducts. India does not have any office like ORI, USA which becomes need of hour to see major development in science.

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**The searchable database of retracted papers launched by Retraction Watch shows 982 papers from India have been retracted so far. Of these, 330 have been retracted for plagiarism and, surprisingly, 118 papers for image duplication and/or manipulation. The number of papers retracted for image issues has suddenly increased since 2016, with 37 papers retracted in 2018 alone.**

**Published in The Hindu on July 13,  
2019**

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