Journal of Biological and Chemical

Research
An International Journal of Life Sciences

An International Journal of Life Sciences and Chemistry
EISSN 2319-3077 ISSN 0970-4973 SJIF Scientific Journal Impact Factor

www.sasjournals.com www.jbcr.in jbiolchemres@gmail.com

Global Impact Factor: 0.756, InfoBase Impact Factor: 2.93 Scientific Journal Impact Factor: 3.285, IC Value: 6.01

Scope

Life Sciences (Botany and Zoology), Medical Sciences, Chemical Sciences, Agricultural Sciences, Biochemical Sciences, Environmental Sciences, Biotechnology, Molecular Biology and Tissue Culture

Volume 32 (2) Part B, July-December, 2015

Prof. Abbas Ali Mahdi Editor General Prof. Y.K. Sharma Executive Chief Editor Dr. M.M. Abid Ali Khan Chief Editor

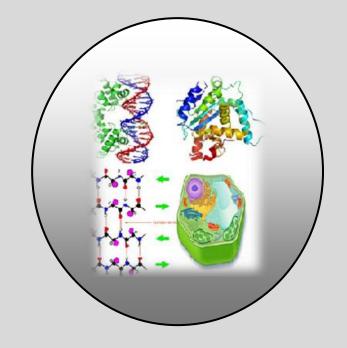
Dy. Chief Editors
Dr. John K. Grandy
(USA)

Dr. Dilfuza Egamberdieva
(Uzbekistan)

Dr. T.S. Naqvi (India)

Dr. Raaz Maheshwari (India)

Prof. Uma Singh (India)



Indexed, Abstracted and Cited

Index Copernicus International (Europe), Research Bible (Japan), Scientific Journals Impact Factor Master List, Directory of Research Journals Indexing (DRJI), Indian Science. In, Database Electronic Journals Library (Germany), Open J-Gate, J Gate e-Journal Portal, Info Base Index, International Impact Factor Services (IIFS) (Singapore), Scientific Indexing Services (USA), International Institute of Organized Research (I2OR), Eye Source and citefactor.org Journals Indexing Directory, Cosmos Science Foundation South-East Asia, Indexing of International Research Journals

Published by Society for Advancement of Sciences®

Journal of Biological and Chemical Research

Published by Society for Advancement of Sciences® ISSN 2319-3077 (Online/Electronic) ISSN 0970-4973 (Print)

Global Impact Factor: 0.756

Scientific Journal Impact Factor: 3.285

InfoBase Impact Factor: 2.93
Index Copernicus Value: 6.01

Volume 32 (2), Part B, July-December, 2015

List of Contents

S. No. 1- Determination of Azimsulfuron Herbicide Residues in Buffalow milk Using HPLC- UV Detection and confirmation of residues by LC-MS/MS

By Tentu. Nageswara Rao, Karri. Apparao,

E.G. Sreenivasula Reddy, and

E.G. Sreenivasula Reddy, and

S.N.V.S. Murthy (India) 657-666

S. No. 2- Colchicine Induced Mutation Studies in

Jatropha curcas L.

By Rakesh Kumar Pandey (India) 667-672

S. No. 3- Microbiological Quality and Safety of Weaning Foods of In-patient Infants in Jimma University Specialized Hospital, Jimma Town, Southwest Ethiopia

By Birhanu Degaga and Gosa Girma (Ethiopia) 673-682

S. No. 4- Selection of Khamir *Saccharomyces spp.* Isolated from Colon of Native Chickens as a Probiotics Properties and has CMC-ase Activity

By Bidura, I.G.N.G., D.P.M.A. Candrawati and

D. A. Warmadewi (Indonesia) 683-699

S. No. 5- By	Assesment of Food Security Status of Selected Livelihood Groups in Jimma Town Birara Endalew, Mequanent Muche, Samuel Tadesse and Gebreyesus Kiros (Nigeria) 700-710
	Gentreyesus inites (inigenia) 700 720
S. No. 6- By	Post-Harvest Quantity and Quality Losses of Sugarcane Crop Jagjeet Singh, Anoop Kumar and Zafar Abbas (India) 711-719
S. No. 7-	Palynological Characterization of the Organic Richness, Kerogen Type and Thermal Maturity of Source Rocks in Interval 905-1360 m of Kemar-1 well, Bornu Basin, Northeastern Nigeria Ola-Buraimo A.O., Adebayo, O.F. and
	Umaru S. (Nigeria) 720-732
S. No. 8- By	Existence and Morphology Characteristics of Tunjuk Langit Fern (Helminthostachys zeylanica Hook.) in Bali I. Ketut Ginantra, Anak Agung Ketut Darmadi and Martin Joni (Indonesia) 733-739
S. No. 9- By	Physiobiological Responses of Mice Given Various Doses of Testosterone W. Sayang Yupardhi (Indonesia) 740-744
S. No. 10- By	The Effect of Urea Lime Mixture in Concentrate Containing Different Levels of Cassava on Performance of Ettawa Grade Goats I Gusti Lanang Oka Cakra, I Gede Mahardika, Ida Bagus Gaga Partama and A.A.Ayu Sri Trisnadewi (Indonesia) 745-750

S. No. 11- Tulsi: The Mother of Herbal Medicine

By Pallavi Dixit (India) 751-754



S. No. 12- Impact of Climate Change on Production Systems in

Semi-arid Regions of Ethiopia

By Debela Hunde Feyssa and

Dessalegn Obsi Gemeda (Etiopia) 755-764



S. No. 13- Curcuma longa: Antibacterial Potential of Leaf extract against Xanthomonas campestris pv.

Mangiferae indicae

By B.T. Pawar (India) 765-769



S. No. 14- Effect of Soil-Applied Nitrogen and Rice Bran on Photosynthetic Pigments, Herb Yield and Essential

Oil Content in Peppermint (*Mentha piperita* L.)

By M. Abdurrahman, Anoop Kumar, B. Kishor

and Z. Abbas (India) 770-776



S. No. 15- Effect of Different Salinity Levels on Growth

Characteristics, Herb Yield and Essential Oil Content

in Peppermint (*Mentha piperita* L.)

By M. Abdurrahman, Anoop Kumar, B. Kishor

and Z. Abbas (India) 777-781



S. No. 16- Pre-Treatment with *Phyllanthus amarus* Stalls

Dyslipidemia and Uterine Toxicity in Monosodium

Glutamate Administered Rats

By Ogunlabi O. O., Ogunbadejo O. Z., Adetutu J.,

Asifat O., Adegbesan B. O., and

Ajani E. O. (Nigeria) 782-796



S. No. 17- Antibody Transfer Pattern in Calves from Dams Immunized with *Salmonella* Antigen

By Sheku K. Moiforay (Sierra Leone) 797-803



S. No. 18- Molecular Docking and Drug Designing Studies on

Swine Flu H1N1 Virus

By Imkongwala Jamir, Salam Pradeep Singh,

Chitta Ranjan Deb, Lakhmi Nandan Kakati and

Bolin Kumar Konwar (India) 804-815



S. No. 19 A Case of Sodium Azide induced Cytomixis in

PMCs of Pearl Millet

By Vivek Singh (India) 816-822



S. No. 20- Synthesis, Characterization, Spectral Studies, Antifungal and Antibacterial Screening of Ca (II) and Ba (II) Macrocyclic Complexes Derived from A-

Diketones and Diamine

By Mithlesh Agrawal and

Swati Bugalia (India) 823-834



S. No. 21- Effect of Integrated Nutrient Management on the Growth, Bio-chemical Constituents, and Yield of

Tomato (Lycopersicon esculentum Mill)

By Amalesh Yadav and

S.N. Pandey (India) 835-841



S. No. 22- Conservation of Ethnomedicinal Plants of

Nagaur District (Raj.)

By Manoj Kumar, Manisha Yadav and

Anu Choudhary (India) 842-848

