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**JOURNAL OF ADVANCED SCIENTIFIC RESEARCH: CHANGES, STRATEGIES AND FUTURE PERSPECTIVES****Dr. Neeraj Kant Sharma***Editor-in-Chief, Journal of Advanced Scientific research**E mail: [editor@sciensage.info](mailto:editor@sciensage.info)*

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**I**t is with great pride, enthusiasm, and anticipation that I invite you to read the latest issue of the “**Journal of Advanced Scientific Research**” (JASR).

Firstly thanks are due to my predecessor Dr. Pankaj Kumar. He has done an incredible job over the past 8 years, shaping the journal to ensure it has maintained its place as the leading scientific publication, concentrating on nearly every region of Pharmaceutical, medical, and allied biosciences. He has acted forever with the supreme enlightening integrity, which combined with his breadth and depth of perceptive of investigational methodologies and technical issues and an exceptional enthusiasm for hard work makes him a hard act to follow. I am very conscious of the responsibilities that the editor's role involves and I approach my new role with both exhilaration and some trepidation!

*The Journal of Advanced Scientific Research* was founded in 2010 to publish the strongest research in the emerging fields of Pharmaceutical Research, Chemistry, Chemical Technology, Biochemistry, Microbiology, Biotechnology, Medicine, Agro chemistry and Applied Biosciences. The journal's editors are working scientists who strive to implement the Society's values for scientific publication and who are strongly committed to promoting scientific advances throughout the scientific community. It is therefore important to let our authors and reviewers know about changes *JASR* making to meet its goal of publishing high-quality work that reflects advances being made across the diverse landscape of modern scientific research.

It is a remarkable admiration for me to be selected as the next Editor-in-Chief (EIC) of such an esteemed and well-regarded journal as *Journal of Advanced Scientific Research*. I am indebted to the ScienSage publications for giving me this opportunity to shape the premiere publication forum in my field. This engagement is even more pleasant as becoming the EIC is a sort of coming home event since my first editorial board experience was as an Associate Editor for this journal when it was formed. *JASR* has been tremendously fortunate to have a strong team of eminent Professors and experts in their respective fields who have been continuously working at

varied designations for uplifting of the quality, scientific content and participation to establish *JASR* as a benchmark in the field of modern scientific research. Together with the Scientific Committee and ScienSage publication's staff, we have nurtured this journal through its formative years to the present position having a remarkable identity as a quality publication journal.

Given the sheltered foothold of the journal I do not recommend any instantaneous or drastic revolution under my leadership, however *JASR* will need to carry on to go forward to ensure full advantage is taken of the rapidly changing world of publication and information dissemination.

Peer review remains a imperative element of our evaluation of submitted articles. There have been disparagement of this procedure, including impediment publication, fickleness of decision making, overly conservative approach automatically rejecting ‘non-standard’ ideas, and that peer review is poor at distinguishing inaccuracy and delinquency. However these weaknesses can be managed by an efficient and dynamic editorial office and I believe they are outweighed by the benefits. There is strong consensus that accepted articles are often improved by peer review after referees' comments and criticisms are dealt with; this explicit appraisal process also helps to engender trust of the reader.

### **Transformation & change**

These words cause uneasiness. Since the founding of *JASR*, the field has grown and changed; *JASR* is committed to continuing to serve the field by reflecting the breadth of science and by adapting and improving as the publishing environment changes. Be assured *JASR*, like all quality academic journals, uses blind peer review with rigorous evaluation criteria fully vetted through an editorial board nominated by university presidents, provosts, and accomplished scholars representing a wide range of scholarly achievements. I am extremely proud of our board members and fortunate to be able to draw upon their individual and collective knowledge, talent, judgment, and disciplinary backgrounds to advance engagement scholarship worldwide.

Our authors may already have experienced some of the changes that have been put in place to move *Journal of Advanced Scientific Research* forward and to maintain its impact on the field. Authors are now being asked to identify the significance of their study in terms of conceptual and empirical advances. *JASR* has also developed more consistent standards for editorial rejection so that manuscripts that might be more appropriate for other journals can receive a rapid decision and move forward without a long delay. The new process involves a consultation between at least two Reviewing Editors and one Senior Editor who have knowledge of the scientific area, thus ensuring that each manuscript is given careful consideration. The decision letter now outlines the rationale for editorial rejections. *JASR* still sends out for review a very large majority of manuscripts it receives, in line with our commitment to open, fair scientific review.

As we implement these changes, *JASR* remains committed to reflecting the diversity of scientific field. Therefore, evaluation of impact will continue to depend on the degree of conceptual advance within the subfield studied, regardless of the relative size of that particular area of scientific research. Indeed, the proportion of papers accepted in each journal section closely mirrors that of submitted papers. Submissions from all areas of said disciplines of science are welcome in *JASR* and are evaluated solely on the merits of the science presented.

### **Where should JASR go next?**

As I have contemplated this question in recent weeks, my feelings keep coming back to one aspect of *JASR*: the composition of the community-readers and authors-that it currently attracts and serves. Indeed, some of the greatest advances in this field have been driven by innovations from these other areas. My objective is to take the journal in a direction where it replicates the multidisciplinary nature of scientific knowledge and becomes the premier journal that covers all aspects of Pharmaceutical Research, Chemistry, Chemical Technology, Biochemistry, Microbiology, Biotechnology, Medicine, Agro chemistry and applied Biosciences. In the coming months, I shall definitely take substantial steps in attainment of this objective, such as intensifying the editorial board to embrace specialists in said aspects. My anticipation is to magnetize instigators from these fields and to be able to endow with noteworthy and logical reviews for their papers.

### **What is there to look forward to in 2019?**

Most importantly, at the end of the year, we plan to submit our application for indexing on PubMed and eventual assignment of that all-important number, the impact factor. Indexing on PubMed is reserved for journals that have a reliable track record of publication with at least 8 issues and

meritorious scientific content, bars that we should be able to meet. Journals must also fill a niche that was hitherto unoccupied by a scientific journal, I expect us to satisfy this requirement as well.

In addition, our main focus will continue to be to publish the highest quality research on Pharmaceuticals, Chemistry, Chemical Technology, Biochemistry, Microbiology, Biotechnology, Medicine, Agro chemistry and applied Biosciences, with a particular emphasis on quality, safety, systems, and outcomes research. Many such articles continue to be published in disease-specific or localization-specific journals and for them special issues shall be arranged.

As you examine the board's makeup you will see a remarkable breadth of disciplines, experiences, and backgrounds. Without the guidance, support, and feedback of the board, it would have been impossible to offer the selections you will find in this issue.

### **Will we be qualitative or quantitative?**

That's not the point either. The best scholarship today requires both, along with insightful commentary, informative field reports on practice, teaching, and community participation, all of which are featured in the *JASR* and will be more evident in future editions.

The paper journal remains admired amongst readers, and it will remain the core output. However the use of electronic media is now a vital component of dissemination, providing a vehicle for wider international access to download selected publications, encouraging debate and discussion in letters to the editor, and providing a mechanism for publishing complex detailed appendices that are of interest to only a small proportion of readers.

To really make *JASR* replicate the multiplicity of scientific research, we need help from you, our readers and authors. Many of you have broader study activities in said areas, and I invite you to submit excellent papers on such aspects. Please help spread this word as well, and in return we promise your papers the timely and high-quality reviews and short decision cycle that *JASR* is well known for. Last, the success of any journal is built primarily on four groups of people: the contributors, the reviewers, the associate editors, and the publications staff. I would like to thank all of them and express my sincere appreciation for the support they have given to *JASR*. I look forward to continuing this relationship and receiving your suggestions and ideas for making *JASR* more valuable for our research community.