

Crisp, Crisper and Easy to Digest

Editorial

This is the thirty-eighth issue and tenth year of Genetic Clinics! A relook at the old issues gives a brief history of an exciting decade in the era of medical genetics. Genetic Clinics has been presenting the latest and most fascinating developments in the field of genetics to its readers. An attempt is made to simplify the complex subject of genetics in an easy-to-read manner, so that clinicians, scientists and students can update themselves, and learn about and improve the patient care facilities related to medical genetics in India. Genetic Clinics not only reflects important milestones in the timeline of medical genetics in the international scenario but is also witness to and documents the developments in India. It has been satisfying that the developments in medical genetics facilities for patient care in India have speeded up and have become up-to date with the international level of care in medical genetics. State-of-the-art diagnostics for common as well as rare genetic disorders have become available in India and affordable for most of the people. There is a beginning of government-supported treatment facilities for patients with genetic disorders and policymakers are giving priority to organize nationwide facilities for prevention and treatment of genetic disorders.

This issue has a review of DNA repair mechanisms and diseases caused by defects in the DNA repair machinery. The issue also has GeNeXprESS which covers interesting articles about the use of CRISPR/Cas9 for gene repair as a therapeutic strategy. CRISPR / Cas9 driven gene correction

strategies are showing great promise. At this juncture, the 2nd Annual Cell and Gene Therapy Symposium at CSCR, Vellore was a treat for researchers. The participants got an opportunity to get to know the current status of progress in gene therapy for beta thalassemia which has been long awaited. Also, the work on stem cells and other gene therapy trials along with intricacies of various vectors used were presented by international and Indian scientists. Next generation sequencing has opened up enormous diagnostic and preventive opportunities and stem cell and gene therapy based treatment options are appearing brighter and closer on the horizon.

As the progress on various fronts of medical genetics hastens, Genetic Clinics will continue to bring these wonderful scientific advancements to your reading table in a simplified and crisp form in the future! I hope this will benefit the scientists, clinicians and the patients / patient families for whom we work and to whose betterment we are committed. I am thankful to all the contributors and my colleagues at SIAMG and Genzyme, India for the continued, timely, and quality publication of Genetic Clinics for the last ten years. Hope more like-minded people join the journey of Genetic Clinics into the fascinating world of molecular medicine!



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