

Revista Mexicana de Neurociencia: achievements, responsibility, and a shared vision for the future

Revista Mexicana de Neurociencia: logros, responsabilidad y una visión compartida para el futuro

Antonio Arauz 

Instituto Nacional de Neurología y Neurocirugía Manuel Velasco Suárez, Mexico City, Mexico

As Editor-in-Chief of the *Revista Mexicana de Neurociencia (RMN)*, it is both a privilege and a responsibility to reflect on the progress the journal has achieved and to outline the direction in which we aspire to move forward. In an era of rapid scientific transformation and increasing demands for rigor, transparency, and relevance, the journal has strengthened its role as a key platform for neurological scholarship in Mexico and Latin America.

One of the most important accomplishments of the *RMN* has been the consolidation of its editorial processes. Over recent years, we have worked to reinforce peer-review standards, promote methodological quality, and ensure ethical integrity across all published content. These efforts have resulted in a more robust and diverse portfolio of manuscripts, spanning clinical neurology, basic and translational neuroscience, neuroimaging, neurorehabilitation, neuroepidemiology, and public health – oriented research. Upholding scientific credibility remains the cornerstone of our editorial mission.

Equally central to our identity is the journal's commitment to serving as a voice for regional neuroscience. Neurological diseases represent a growing burden across Latin America, often within health systems characterized by limited resources, social inequities, and heterogeneous access to specialized care. By

publishing research that reflects these realities, the *RMN* contributes evidence that is not only scientifically sound but also contextually meaningful. This perspective is essential for informing clinical practice, guiding health policy, and fostering solutions tailored to regional needs.

At the same time, the journal continues to evolve alongside the broader advances shaping modern neuroscience. The field is increasingly defined by precision medicine, multimodal neuroimaging, molecular and genetic insights, and data-driven methodologies. Traditional clinical paradigms are being complemented – and at times challenged – by network-based models of brain function, biomarker-guided diagnosis, and integrative approaches to neurological disease. As Editor-in-Chief, I view it as our responsibility to ensure that the journal remains receptive to innovation while maintaining critical appraisal and clinical relevance.

Therapeutic advances across neurology further underscore the importance of a balanced editorial vision. From acute stroke care and neuroimmunology to neurodegenerative diseases and neuromodulation, new treatments are reshaping patient outcomes. The *RMN* aims to serve as a conduit between discovery and practice by prioritizing articles that translate scientific progress into actionable knowledge for clinicians, educators, and researchers.

Correspondence:

Antonio Arauz

E-mail: antonio.arauz@prodigy.net.mx

2604-6180 / © 2026 Academia Mexicana de Neurología A.C. Published by Permanyer. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).

Date of reception: 01-01-2026

Date of acceptance: 13-01-2026

DOI: 10.24875/RMN.M26000111

Available online: 25-02-2026

Rev Mex Neuroci. 2026;27(1):1-2

www.revexneurociencia.com

Looking ahead, several strategic priorities will guide the journal's development. First, the integration of digital health technologies, artificial intelligence, and machine learning into neuroscience research presents both opportunities and challenges. These tools hold promise for improving diagnosis, prognostication, and personalized treatment, yet they also require careful validation and ethical oversight. The journal is committed to promoting rigorous evaluation of these technologies and fostering informed discussion on their appropriate implementation.

Second, our understanding of neurological outcomes must continue to expand beyond traditional endpoints. Functional independence alone does not fully capture the long-term impact of neurological disease. Cognitive impairment, fatigue, mood disorders, social participation, and return to work are increasingly recognized as critical dimensions of recovery. Encouraging research that incorporates patient-centered outcomes and long-term follow-up will be essential to aligning neuroscience with the real-world experiences of those we serve.

Third, nurturing the next generation of neuroscientists and clinicians is a central component of our mission. The journal provides an academic space where early-career researchers can develop their scholarly voice, engage with the peer-review process, and contribute to the advancement of neurological knowledge.

Strengthening mentorship, offering constructive editorial guidance, and maintaining high standards will ensure that this educational role continues to flourish.

Finally, collaboration remains fundamental to progress. Neurological diseases are complex and multifactorial, requiring multidisciplinary and multicenter approaches. By fostering national and international collaborations, the *RMN* can continue to act as a bridge between local expertise and the global neuroscience community, enhancing both visibility and impact.

In closing, the *RMN* stands on a solid foundation built through the collective efforts of its authors, reviewers, editorial board members, and readers. As Editor-in-Chief, I remain committed to guiding the journal with integrity, inclusiveness, and a forward-looking vision. Looking ahead to 2026, I extend my sincere best wishes to the neuroscience community for a year of continued scientific rigor, collaboration, and innovation. By embracing progress while remaining grounded in clinical reality and regional relevance, the journal will continue to serve as a trusted forum for advancing neurological knowledge, improving patient care, and strengthening the academic values that sustain our discipline in Mexico, Latin America, and beyond.

I look forward to a productive and impactful 2026 for our neuroscience community.