Advances in Neuron Sciences

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An interview with Prof. Anton Kiselev

Advances in Neuron Sciences Editorial Office

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1. Could You Please Briefly Introduce Yourself and Your Research Field? Also, Attach a Photo, Either a Portrait or One from Your Research Environment (e.g., Laboratory).

I serve as the Deputy Director on Science and Technology at the National Medical Research Center for Therapy and Preventive Medicine in Moscow, Russia. My research encompasses a range of topics within cardiology, neurocardiology, preventive medicine, and public health.

2. What Initially Sparked Your Interest in Your Research Field?

My research interests in human physiology and cardiology, cultivated under the mentorship of Professors Vyacheslav F. Kirichuk, Pavel Ya. Dovgalevsky, and Vladimir I. Gridnev at the Saratov State Medical University and the Saratov Research Institute of Cardiology, formed the foundation of my work through to my dissertation defense. Later, my interests expanded to include neurophysiology, leading to a series of interdisciplinary neurocardiological studies and developments conducted by my team.

3. Could You Please Briefly Share Your Career Story with Us? And What Impressed You Most in Your Research Life?

In 2004, I graduated with honors from the Medical Faculty of Saratov State Medical University and completed my residency at the Saratov Research Institute of Cardiology in 2006. I defended my Candidate of Sciences (PhD equivalent) dissertation in 2006 and earned my Doctor of Sciences degree in 2011 (Russia employs a two-tiered system of academic degrees). Both of my dissertations focused on aspects of applying indicators of autonomic cardiovascular regulation in cardiological practice. Subsequently, I had the opportunity to head two departments at Saratov Medical University: The Scientific Department and the Department of New Cardiological Information Technologies. Since 2014, I have been teaching a course in Clinical Physiology as a Professor in the Department of Dynamic Modeling and Biomedical Engineering at Saratov State University. Since 2021, I have been working at the National Medical Research Center for Therapy and Preventive Medicine, holding the positions of Deputy Director for Science and Technology and Head of the Coordinating Center for Fundamental Research.

4. In Your Opinion, What Could Be the Hot Topics in Your Research Field in the Coming Years?

I foresee a rise in scientific interest regarding the interactive interplay between the brain and other internal systems, particularly the entire cardiovascular system, not just the heart. This will open up new avenues for diagnosing and treating common somatic and neurological disorders.

5. What Valuable Suggestions Would You Like to Share with Young Scholars Regarding How to Be a Professional Researcher?

My advice to young scientists is to maintain rigorous research standards and adhere to evidence-based medicine. This is the path to becoming a reputable scientist and making a real impact in the field.

6. As a Scholar, What Recent Research Trends Would You Suggest Are Important for Keeping Up with *Advances in Neuron Sciences*?

As noted previously, I believe a deeper investigation into the interplay between the nervous and cardiovascular systems in normal and pathological states is a highly promising area. It holds potential for founding new therapeutic approaches, for instance, based on biofeedback. Of course, these are my personal research priorities.

7. What Attracts You to Join the Editorial Board of *Advances in Neuron Sciences*?

This journal appears to be a promising interdisciplinary platform for researchers across different fields of neuroscience to connect.

8. What Are Your Thoughts on the Future of *Advances in Neuron Sciences*, an Open-Access Journal?

I sincerely wish the journal success in expanding its base of authors and readers and hope it will soon be indexed in Scopus and Web of Science.