

## Professor Miloš Langmeier 1951-2025



*..vše oněmělo, vše ztemnělo, vše navěky se dochvělo.  
I stín je pryč. Kde, ví Bůh sám. A.S. Puškin*

On Tuesday, December ninth, the scientist, educator, physician, and university professor Miloš Langmeier passed away. He was a creative and active individual with whom I had the great fortune to collaborate, and I am honored to call myself his student. Along with many others, I was a small part of his laboratories of functional morphology, allowing me the wonderful opportunity to be influenced by his exemplary academic guidance and the systematic organization of scientific work. He was a knowledgeable physiologist and pathophysiologicalist, the author of numerous textbooks and scholarly articles. His primary interest lay in the functional morphology of synaptic structures, and he authored several works on excitotoxicity, epileptogenesis, and hypoxia. His academic interests were both broad and profound.

In his laboratories, we studied the effects of nicotine on limbic structures, established models of

audiogenic epilepsy, observed the influence of ethanol on the development of various brain structures, and utilized models of hypobaric and normobaric hypoxia. Discussions regarding the results we obtained were characterized by critical thinking among PhD students, which I now recognize as an invaluable learning method that Professor Langmeier provided. He was highly qualified, and his authority was firmly established. This fostered a sense of certainty and motivation for further study among all of us as students. Professor Langmeier had a unique ability to attract young people to the field of physiology, creating an environment that emphasized the importance of both pedagogical work and the continuous search for new experimental topics. Through his gentle influence, he cultivated a spirit of teamwork in the laboratories, skillfully managed conflicts, and stressed that creative work should not be restricted to weekends. He valued well-executed work, and we collectively celebrated the accomplishments of research articles, secured grants, and defended doctorates as achievements for the entire laboratory.



Under his leadership, the system of functional morphology laboratories at the Institute of Physiology underwent a significant and challenging reconstruction, which required considerable effort and for which he rightfully took pride. I must acknowledge his crucial role in shaping the physiology curriculum for future dentists and his significant contributions as a member to the Council of Higher Education Institutions. Although I will not attempt to enumerate all of Professor Langmeier's merits, successes, and accolades, I believe it is

unnecessary. His students and colleagues will chiefly remember his intelligent humor, extensive knowledge across many disciplines, generosity, diligence, sense of justice, pedagogical expertise, and genuine enthusiasm for scientific inquiry. He was a Professor Verus in both, his field and his university. We will all miss him greatly. Thank you for everything professor. Rest in peace.

Vladimír Riljak