



UNIVERSITÀ DI PISA

**DIPARTIMENTO DI INGEGNERIA CIVILE E INDUSTRIALE**

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DIRETTORE: Prof. Luca Romoli

*Pisa, 4<sup>th</sup> December 2025*

**TO WHOM IT MAY CONCERN**

**Object:** Letter of Recommendation for Assoc. Prof. Aleš Panáček

It is my great pleasure to provide this letter of strong support for Assoc. Prof. Aleš Panáček in connection with his application for promotion to Full Professor at Palacký University in Olomouc. As a researcher working in the fields of biomaterials, nanostructured systems, and tissue engineering, I have had the opportunity to collaborate with Prof. Panáček on an interdisciplinary project involving the design of biologically active nanomaterials—a context in which his scientific leadership and integrative vision have been particularly evident. Although our joint manuscript is currently undergoing final revisions, our interaction has already been intensive, constructive, and exceptionally productive. I have also had the opportunity to work with several doctoral students from the Department of Physical Chemistry, including Antónia Kurillová, supervised by Prof. Panáček and co-author of the manuscript in preparation. Her well-structured experimentation, scientific maturity, and independence are a clear testament to his outstanding mentorship. It is evident that he invests significant effort in developing young researchers, fostering not only their technical abilities but also their critical thinking and scientific autonomy.

What most distinguishes Prof. Panáček is his ability to lead interdisciplinary research with clarity, vision, and scientific depth. He draws together chemistry, materials science, and biology to develop nanosystems with precisely engineered functionalities. This integrative expertise—particularly in noble-metal nanomaterials—is internationally recognized and highly relevant to biomedical applications. I have been consistently impressed by his capacity to bridge fundamental chemistry with biological insight, enabling solutions to problems that cannot be addressed within a single discipline.

In our collaboration, Prof. Panáček has demonstrated exemplary intellectual leadership. He approaches scientific challenges with rigor, communicates with exceptional clarity, and provides focused, constructive feedback that elevates the entire team's performance. His openness to diverse perspectives and his ability to synthesize them into coherent research strategies make him a particularly effective leader in interdisciplinary environments. Moreover, his commitment to guiding early-career researchers—while upholding high scientific standards—sets a benchmark for academic mentorship.

Beyond his scientific achievements, Prof. Panáček is a highly reliable, collegial, and forward-looking collaborator. His professionalism, integrity, and precision have greatly contributed to the success of our joint work and make him a valuable partner for any international scientific endeavor. Given his strong research record, demonstrated leadership, international visibility, and outstanding mentoring of young scientists, I am fully convinced that Assoc. Prof. Panáček not only meets but exceeds the expectations associated with the rank of Full Professor. His interdisciplinary vision and commitment to scientific excellence will undoubtedly continue to advance the fields of nanomaterials, biotechnology, and nanomedicine.

I therefore recommend Assoc. Prof. Aleš Panáček without any reservation for promotion to Full Professor. Should you require further details regarding our collaboration or his contributions, please feel free to contact me.

Faithfully,  
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