

March 05, 2025

Re: Letter of Support for Eurostars Application

Dear Tor,

I am happy to be included as an external partner on your proposal to develop the correlative image analysis system, Correlyze. As an external partner, I would gladly serve on the project's advisory board if needed, share reusable workflows with the members, and continue to collaborate with Lucid and other academic partners on advancing correlative imaging workflows.

As you know, we have been collaborating using XamFlow since 2024—and in such a short time, I am over the moon with the leaps and bounds our project has made with your team's platform. As an early-stage investigator establishing a lab, having access to a system like XamFlow has been worth its weight in gold. Being in the bone and imaging field since 2015, your work speaks for itself, and I am grateful to support you in any way that I can, as well as the broader community of Correlyze users.

In my Quantitative Biomedical Imaging and Spectroscopy (QBIS) Lab, we specialize in integrating multi-modal imaging techniques, including HR-pQCT, UTE-MRI, and spectroscopy, to better assess bone quality and fracture risk. A major challenge in biomedical imaging research is the seamless integration and correlation of multiple imaging modalities—Correlyze directly addresses this need. Our ongoing research efforts, particularly in bone fragility, aging, and metabolic bone disease, will greatly benefit from an improved correlative imaging analysis workflow to align, process, and extract meaningful insights from complementary imaging datasets.

Furthermore, the integration of AI-based automation into these workflows has the potential to revolutionize how we analyze complex imaging datasets, saving researchers an immense amount of time while ensuring consistency and accuracy. I look forward to contributing my experience in musculoskeletal imaging and AI-driven image analysis to support this initiative.

I enthusiastically support the development of Correlyze, and I look forward to continued collaboration. Please don't hesitate to reach out if there's anything else I can do to help.

Sincerely,



Rachel K. Surowiec, Ph.D.

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School of Medicine

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