

September 11, 2024

Tor Hildebrand, PhD
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Re: Letter of Support for Eurostar program application

Dear Tor,

I am writing on behalf of Professor Hiroshi Takayanagi and myself to express our intent to collaborate on a joint research initiative aimed at advancing bone research in the biological sciences through the correlative image analysis system "Correlyze," in support of your Eurostars program application. This collaboration will primarily focus on employing advanced imaging techniques to enhance our understanding of bone structure, bone diseases, and healing processes, with promising applications in medical science.

Our research will be further strengthened by complementary immunological studies, cell culture, and animal experiments aimed at exploring bone-related cellular mechanisms and immune responses. The integration of digital imaging technology, combined with our expertise in bone biology and immunology, offers considerable potential for breakthroughs, not only in basic research through cell and animal models, but also in clinical study, particularly in diagnostics, treatment strategies, and regenerative medicine.

By uniting our efforts with advancements in material science, we are confident that this collaboration will create a unique synergy, fostering significant progress in both fields. We are highly enthusiastic about the possibilities this partnership presents and are committed to working closely with your team to achieve our shared objectives.

Sincerely,



Hiroshi Takayanagi, MD, PhD
Professor
Department of Immunology
Graduate School of Medicine
The University of Tokyo



Warunee Pluemsakunthai, DDS, PhD
Clinical Fellow in Digital and Implant Dentistry
Senior Research Fellow
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