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Colorado Springs, 6 January 2017

MITOEAGLE Membership Application

Dear Drs. Garcia-Roves and Larsen,

I am writing with the interest of joining MITOEAGLE. I have specific interest in assisting Workgroups 1 & 2. Please allow this letter to serve as my formal request to join MITOEAGLE.

I completed my doctoral studies and spent time as a post doctoral fellow in the labs of two current MITOEAGLE members, Prof Dr. Carsten Lundby and Prof Dr. Max Gassmann in Zurich, Switzerland. My research all throughout my studies revolve around mitochondrial physiology and the role of biological thermodynamics in both health and disease.

I now have accepted an assistant professorship at the University of Colorado Colorado Springs where I will be the primary investigator and solely responsible for developing a Human Bioenergetics Laboratory where much of the same research will be conducted. More specifically, I investigate alterations in biological thermodynamics in response to different stimuli, including, but not limited to, exercise, hypoxia, caloric restriction, aging, and metabolic disease. Accordingly, much of my research examines the plasticity of mitochondrial physiology. Within the arena of human bioenergetics, I also investigate the limits of human performance, primarily as they relate to limitations of oxygen utilization in the skeletal muscle.

I do not currently have any open grants, as I am new in my current position but I am in the process of applying for funding. For a young investigator I have a fairly rich CV with regard to mitochondrial research (http://www.bioblast.at/index.php/Jacobs_RA) and I look forward to continuing the production.

In summary, I am writing to inquire about the possibility of joining MITOEAGLE and contributing to WG1 & WG2. I greatly appreciate your time and attention in regards to this matter and look forward to hearing from you.

Best regards,





A handwritten signature in black ink, appearing to read 'Robert A. Jacobs'.

Robert A. Jacobs, Ph.D.

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