



School of Human Kinetics
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INTERESTED IN EXERCISE PHYSIOLOGY AND ANTI-DOPING SCIENCE?



RESEARCH SUBJECTS NEEDED

Project: Development of a Highly-Sensitive Quantitative Assay to Detect siRNA-Mediated Gene Doping

Principal investigator: Dr. Jim Rupert, School of Human Kinetics, U.B.C.

Co-investigator: Dr. Matt Fedoruk, School of Human Kinetics, U.B.C.

Researchers at the UBC School of Human Kinetics are looking for subjects to take part in a study on blood levels of myostatin siRNA before and after exercise (VO_{2max} test). The project is supported by the US Anti-doping agency as part of their basic research initiatives aimed at developing new methods of “doping control” in sports. Participating in this project involves providing three small blood samples over a 24 hr. period and performing a VO_{2max} test (in which you cycle against increasing resistance until you reach your aerobic limit (similar to your endurance capacity) on the UBC campus. Note: participating in this test would have no effect on any in- or out-of competition doping tests.

We are looking for healthy, non-smoking, fit people (19- 40) who are willing to, and to the best of their knowledge capable of, performing a strenuous and challenging physical performance test. There is no honorarium, but you will get a copy of your VO_{2max} results and we will cover the cost of parking/bus fare (up to \$6.00).

If you, or someone you know, meet all these criteria and would like to learn more about the study, please contact Dr. Rupert or Dr. Fedoruk at the School of Human Kinetics, University of British Columbia:

Jim Rupert (604) 822-8462 or rupertj@interchange.ubc.ca
Matt Fedoruk (604) 827-3411 or matt.fedoruk@gmail.com