



CALL FOR PAPERS

ICGASP 2020
Apr 16-17, 2020
Cape Town, South Africa

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICGASP 2020 : International Conference on Genetic Aspects of Sport Performance is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Genetic Aspects of Sport Performance. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Genetics of athletic performance
Genetics and sport performance
Current challenges
Directions to the future
Genetic influences on quantitative traits and sports performance
Experimental approaches for studying genetics of sport performance
Candidate genes association studies
Genome-wide studies
Genetic interactions
The use of genetic markers to detect sports talent
Environmental factors affecting performance
Genetic factors affecting performance
Genetic and molecular aspects of sport performance

Gender
Ancestry and ethnicity
Anatomy
Biomechanical factors
Muscle fiber types
Muscle contraction velocity
Muscle elasticity
Soft-tissue strength fatigue resistance
Training adaptation
Recovery
Injury resistance Human gene map for performance
Health-related fitness phenotypes