

Genomic, Proteomic and Informatic Analysis of Doping

Results and Conclusions

We have established a method of comparing research results from many separate WADA-sponsored in their search for markers or "signatures" for exposure to doping agents and methods. Very extensive results from individual laboratories are important clues to the detection of such markers, but their true significance will require extensive confirmation and validation to ensure their accuracy and fair application in doping detection. The approach is to carry out very exhaustive data analysis or research results from many different laboratories that are using different experimental methods and different tools for analyzing their results. We conclude that a unified approach can eliminate many of the confusing and possibly artifactual differences between different laboratories, thereby identifying only those effects that are truly indicators of exposure to doping agents and methods.