

# MINUTES

Health, Medical & Research Committee Meeting

13 November 2024 (9am-12pm EST)

Hybrid meeting: videoconference and Montreal, Canada

## Participants:

Prof. Lars Engebretsen, Chair

Prof. Xavier Bigard

Prof. Francesco Botré (in-person)

Dr. Lenka Dienstbach-Wech

Prof. Yannis Pitsiladis

Dr. Malav Shroff

Prof. Christian Strasburger

Dr. Audrey Kinahan (ex-officio member)

## Apologies

Prof. Takao Akama (recommendations sent by email, on 8 November 2024)

Prof. Wayne Derman (recommendations sent by email, on 11 November 2024)

Dr. Matthew Fedoruk (recommendations sent by email, on 5 November 2024))

Prof. Andrew McLachlan

Dr. Bruno Le Bizec (ex-officio member)

## Absences

Prof. Milica Vukasinovic-Vesic

Prof. Odile Cohen-Haguenauer (ex-officio member)

Dr. Susan White (ex-officio member)

## WADA staff:

Dr Léonie Egli

Dr Simon Fortier (in-person)

Dr. Irene Mazzoni

Dr Luciana Meirotti (in-person)

Prof. Olivier Rabin (in-person)

Meeting summary:

Item 1: Recommendations on 33 full applications received during the 2024 cycle 2 call for scientific research grants.

- Disclosure of conflicts of interest.
- Discussion of 33 full applications (FA), selected out of the 55 expressions of interest (EOI) submitted at the 2024 cycle 2 call for grants. Each full application was reviewed by three external experts. All full applications and the respective reviews were shared with the HMRC members ahead of the meeting.
- Details of the full applications, HMRC recommendations and main comments are shown in Annex A.
- Due to declared conflict of interest, Prof. Francesco Botré left the room during the discussions of the proposals 242A12JFN, 242B04CM and 242C12EI.

Item 2: Recommendation on one EOI received during the 2025 cycle 1 call for scientific research grants.

- EOI 251C02CvdP: do not invite full application because as presented, the project is out of WADA's scope of research because eligibility criteria are established by federations and not WADA.

Closing of meeting.

## Annex A

| Admin Code | Name (PI)              | Project title   | Duration | Recommendation   | Recommended budget (US\$) | Main comments   |
|------------|------------------------|---|----------|------------------|---------------------------|---|
| 242B05SV   | Sven Voss              | Effect of exercise induced proteinuria and hypoxia on the analysis of rEPO.   | 1 year   | Fund             | 27,700.00                 | The treadmill exercise protocol should be validated to demonstrate that it leads to proteinuria   |
| 242C03WCWC | William Chih-Wei Chang | Investigation of the applicability of dried blood spots for the analysis of glucocorticoids   | 2 years  | Fund             | 120,000.00                | Suggest adjusting the oral dose of prednisolone to the maximum therapeutic dose (60 mg).  |
| 242C12EI   | Eduard Isenmann        | Performance Enhancement and Energy Metabolism Modulation by Diosgenin in Endurance Athletes (242C12EI)  | 1 year   | Fund             | 54,000.00                 | Recommendation to increase the washout period.  |
| 242C05PB   | Phillip Bellinger      | The effect of formoterol on blood, urine and muscle metabolism, prolonged endurance performance and sprinting ability in trained endurance athletes                 | 2 years  | Fund conditional | 93,000.00                 | Focus on the performance enhancement experiments only (drop the mechanistic characterization) and reduce budget. Enroll subjects of one gender only (women preferentially). |
| 242B02CR   | Christian Reichel      | Analysis and evaluation of black market nasal sprays containing peptides and proteins   | 1 year   | Fund conditional | 45,000.00                 | Reduce budget.  |
| 242A09TL   | Tobias Langer          | Evaluation of analyte stability and uniformity of dried blood spots collected with automatic Tasso M20 devices for antidoping applications                          | 1 year   | Fund             | 60,000.00                 | Suggestion to contact the manufacturer to obtain additional data on stability and homogeneity of the spots.   |
| 242C06DK   | Dimitris Kletsas       | Investigation of the Metabolic Fate of Nandrolone's Prohormone 19-Nor-DHEA.   | 1 year   | Fund             | 78,941.00                 | Suggestion to increase the sampling phase to a minimum of one month.  |
| 242A12JFN  | Jean-Francois Naud     | Carbon stable isotope analysis of 7-Keto-DHEA doping targeting both glucuronated and sulfoconjugated metabolites  | 1 year   | Fund             | 50,260.00                 | Suggestion you to use samples with different concentration to establish sensitivity levels.   |
| 242C10ND   | Nenad Dikic            | MISUSE OF BENZODIAZEPINES IN FREEDIVING COMPETITIONS  | 1 year   | Fund             | 39,000.00                 |   |
| 242D03OS   | Olivier Salamin        | Investigation of serum and urine sulfated steroids as biomarkers for detecting testosterone gel administration in healthy women                                     | 1 year   | Fund             | 70,000.00                 |   |
| 242F05CG   | Costas Georgakopoulos  | Artificial Intelligence Assisted Processing of PAGE Electropherograms for the Detection of Erythropoietin and EPO-receptor Agonists in WADA Accredited Laboratories | 2 years  | Fund conditional | 98,100.00                 | Collaborate with additional WADA-accredited labs to have more diverse gels.   |
| 242E03KC   | Kyle Cromer            | Advancing non-invasive detection of doping via in vivo genome editing   | 2 years  | Fund conditional | 150,000.00                | Focus on first aim, reduce budget.  |
| 242D07FP   | Federico Ponzetto      | Evaluating alcohol effects on Blood Steroid Profile by simultaneous measurement of EAAS doping and alcohol consumption markers via LC-MS                            | 2 years  | Fund             | 66,000.00                 |   |
|            |                        | 20 Full Applications  |          | Do not fund      |                           |   |