2024 cycle 1 approved projects

Project Code	Principal Applicant *Affiliation*	Co-applicant(s) *Affiliation*	Project Title	Approved funding (US$)
241A02MT	Mario Thevis *German Sport University Cologne*	Thomas Piper; *German Sport University Cologne*	Accelerating the sample preparation for isotope ratio mass spectrometry-based determinations employing supercritical fluid chromatography	$95,046.00
241A04MT	Mario Thevis *German Sport University Cologne*	Thomas Piper; *German Sport University Cologne*	Synthesis, clean-up and mass spectrometric characterization of both YK-11 metabolites 5β-19-Nor-pregnane-3α,17β,20-triol and 5β-19-Nor-pregnane-3α,17β-diol-20-one	$29,800.00
241A06JFN	Jean-Francois Naud *INRS - Laboratoire de contrôle du dopage*	Andrew Barber*; INRS - Laboratoire de contrôle du dopage*	Biomarkers of testosterone doping: GC-C-IRMS confirmations at scale	$97,305.33
241A14MT	Mario Thevis *German Sport University Cologne*	Andreas Thomas, Sophia Krombholz; *German Sport University Cologne*	Investigations into the metabolism and analysis of Kisspeptin and analogs for doping controls by means of LC-MS	$94,949.00
241A15MT	Mario Thevis *German Sport University Cologne*	Andreas Thomas; *German Sport University Cologne*. Lia Bally; *Insel Spital Bern*	Analysis of GLP-1 receptor agonists (Semaglutide, Liraglutide etc.) from blood and dried blood spots by means of LC-MS	$100,290.00
241C01PV	Peter Van Eenoo *DoCoLab- Ghent University*	Marthe De Boevre, Lia Visintin; *Ghent University*	Human toxicokinetic study of zeranol and zearalenone for a rigorous discrimination between doping and mycotoxins-contaminated food	$108,000.00
241C03JFN	Jean-Francois Naud *INRS - Laboratoire de contrôle du dopage*	Maxime Sansoucy, Eric Morneau; *INRS.* Simon Ricard; *Université du Québec à Trois-Rivière.*	In vitro SR9011 metabolism using 3D cell culture and tandem mass spectrometry	$104,353.00

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241C05MP	Maria Kristina Parr *Freie Universitaet Berlin*	Francesco Botrè, Xavier de la Torre; *Laboratorio Antidoping FMSI*. Matthias Bureik; *Tianjin University*	Long-term detection of methyltestosterone administration: unambiguous metabolite identification in a controlled trial	$97,000.00
241C07MT	Mario Thevis *German Sport University Cologne*	Tristan Möller, *German Sport University Cologne*	Determination of the metabolic pathways of different Rycals in in vitro samples for doping control purposes	$96,150.00
241C18AM	Alexis Mauger *University of Kent*	Trudy Thomas, Samuel Smith, Christopher Fennell; *University of Kent*	A randomised controlled trial to assess whether tapentadol and dihydrocodeine have the potential to enhance performance and represent an actual or potential health risk to athletes.	$124,923.00
241D02JBR	Jacob Bejder Rasmussen *University of Copenhagen*	Nikolai Baastrup Nordsborg, Thomas Bonne; *University of Copenhagen.*	Do glucocorticoids confound the Athlete Biological Passport and enhance performance?	$90,000.00
241D04AK	Annekathrin Keiler *IDAS Dresden*	Matthias Graw; *LMU Munich*. Sven Voss, Detlef Thieme; *IDAS-Kreischa.*	Further insights into ethanol or food intake as confounders of endogenous steroids in blood	$55,080.00
241E07CS	Changmin Sung *Korea institute of science and technology*	Heon-Ho Jeong, *Department of Chemical and Biomolecular Engineering, Korea*.	Development of all-in-one gene doping detection chip paper based on Multiplexed Recombinase Polymerase Amplification and CRISPR/Cas12a sensing system	$200,000.00
241F01MS	Michael Skinnider *Princeton University*		A chemical artificial intelligence platform for performance-enhancing drug identification using untargeted mass spectrometry	N/A