Androgen Misuse and Abuse

Speaker: Professor David Handelsman ANZAC Research Institute

Professor David Handelsman AO MB BS PhD FRACP FAHMS is the founding Director, ANZAC Research Institute, of Australia’s only Hospital Andrology department and Australia’s first Professor of Andrology, all for over 20 years. His research on androgen physiology, pharmacology, and toxicology (including use, misuse, and abuse) has produced over 600 peer-reviewed papers. As the most cited author internationally on androgens or testosterone, he has written invited editorials for top general (NEJM, JAMA), Endocrinology and Reproduction journals and reviewer for >150 peer-review journals. Over two decades experience in anti-doping science he has served on World Anti-Doping Agency’s committees that monitor sport science to prevent doping. He played a leading role in devising and defending at the Court for Arbitration in Sports (Semenya vs IAAF 2019) the World Athletics (ex-IAAF) regulations for eligibility of intersex/transgender individuals to compete in elite female events. He previously served on the Australian Drug Evaluation Committee; WHO Male Task Force; won the RACP’s Susman Prize and was President, Endocrine Society of Australia. He created the world’s first national testosterone prescribing guidelines and has monitored and reported on national and global testosterone prescribing for more than three decades. He completed the proof-of-principle study establishing androgen-progestin combination as the most effective approach to hormonal male contraception and has recently described the natural history of recovery from androgen abuse. His lab has been an innovator in steroid mass spectrometry and discovery studies of customized genetic mouse model of tissue-specific androgen action.

All welcome!

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