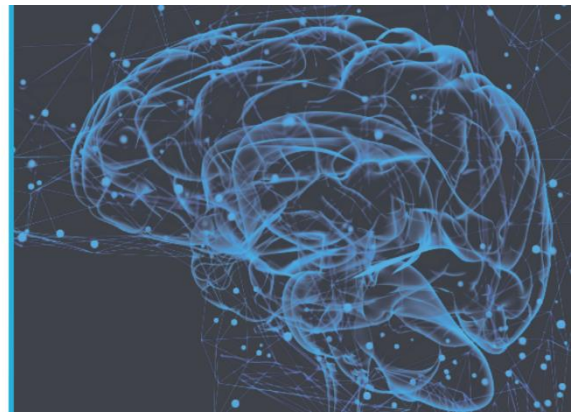


Drake Sports Head Impact Research Symposium

26 April 2022
Wembley Stadium



09:00–09:30
09:30–09:45

Registration
Welcome

Lauren Pulling (The Drake Foundation), Charlotte Cowie (The Football Association)

Morning session 1

Long-term risk

Chair: Jonathan Schott (University College London)

09:45–10:00

The Concussion in Sport Forum – what does the UK need?

James Calder (Consultant and Imperial College London)

10:00–10:20

FIELD study update

Emma Russell (University of Glasgow)

10:20–10:40

BRAIN study update

Neil Pearce (London School of Hygiene and Tropical Medicine), Giulia Seghezzi (Queen Mary University of London)

10:40–10:50

PREVENT study update

Craig Ritchie (University of Edinburgh)

10:50–11:00

BrainHOPE

Willie Stewart (University of Glasgow)

11:00–11:10

Advanced Brain Health Clinic (ISEH/ICL/UCL)

David Sharp (Imperial College London), Richard Sylvester (National Hospital for Neurology and Neurosurgery)

11:10–11:30

Panel discussion: Long-term risk: opportunities, challenges and where we go now

Jonathan Schott (Chair), Neil Pearce, Freja Petrie (Swansea University), Craig Ritchie, Emma Russell, David Sharp, Willie Stewart

11:30–11:50

Refreshment break

Morning session 2

New technologies

11.50

Chair: Dario Cazzola (University of Bath)

11:55–12:10

Sex differences in neck strength and head impact kinematics in university rugby union

Freja Petrie (Swansea University)

12:10–12:25

Update from the RFL: challenges and opportunities in exposure measurement

Ben Jones (Leeds Beckett University)

12:25–12:40

Discovery iMG data from elite rugby, how iMG data will influence contact training guidance and future plans

Keith Stokes (University of Bath)

12:40–12:55

Computational prediction of traumatic brain injury in sporting collisions

Mazdak Ghajari (Imperial College London)

12:55–13:05

Development of an advanced biofidelic headform for the physical re-creation of head impacts in cricket

Rory England (Loughborough University)

13:05–13:25

Panel discussion: Opportunities and challenges in sensor research and data building

Dario Cazzola (Chair), Mazdak Ghajari, Ben Jones, Simon Kemp (Rugby Football Union), Patrick Riley (The Premier League), Keith Stokes

13:25–14:25

LUNCH [Speaker photo on stage: 13:25]

Afternoon session 1	Diagnostic and clinical tools
14:25	Chair: Virginia Newcombe (University of Cambridge)
14:30–14:40	ForceFrame: a reliable tool to measure neck strength <i>Lesley McBride (Coventry University)</i>
14:40–14:50	Intrinsic, modifiable risk factors to concussion <i>Theo Farley (University College London)</i>
14:50–15:05	Advanced neuroimaging in current elite rugby players – updates from the Drake Rugby Biomarker Study <i>David Sharp (Imperial College London)</i>
15:05–15:20	MicroRNAs in TBI and the SCRUM study <i>Kamal Yakoub (University of Birmingham)</i>
15:20–15:35	Bioenergetic biomarkers of banged brains: a (free) radical focus! <i>Damian Bailey (University of South Wales)</i>
15:35–15:50	Progress in blood biomarkers <i>Neil Graham (Imperial College London)</i>
15:50–16:10	Panel discussion: What does the future hold for head injury diagnostics and screening? <i>Virginia Newcombe (Chair), Damian Bailey, Neil Graham, David Sharp, Kamal Yakoub</i>
16:10–16:25	Refreshment break
Afternoon session 2	Policy and progress in sport
16:25	Chair: Peter Hamlyn (UCL)
16:30–16:45	Para concussion: diversity, inclusion & belonging <i>Richard Weiler (Concussion in Para Sport Group)</i>
16:45–17:05	Panel discussion: Updates from sport, future directions and what we need to get us there <i>Peter Hamlyn (Chair), Charlotte Cowie, Simon Kemp, Nick Peirce (England and Wales Cricket Board)</i>
17:05–17:15	Close and takeaways <i>Charlotte Cowie</i>