



DRAKE SPORTS HEAD IMPACT RESEARCH SYMPOSIUM 2021

09.30 Welcome – Lauren Pulling (The Drake Foundation), Charlotte Cowie (The FA)

FIRST MORNING SESSION – Long-term risk

Session host: Jonathan Schott

- FIELD study update – **Emma Russell**
- BRAIN study update – **Neil Pearce, Giulia Seghezzeo**
- PREVENT rugby/football update – **Craig Ritchie**
- BrainHOPE – **Willie Stewart**
- The Advanced Brain Health clinic (ISEH/ICL/UCL) – **Dave Sharp and Richard Sylvester**
- Panel discussion: Long-term risk: opportunities, challenges and where we go now
***Panellists:** Liz Williams, Emma Russell, Willie Stewart, Craig Ritchie, Dave Sharp, Neil Pearce*

BREAK

SECOND MORNING SESSION – New technologies

Session host: Carly McKay

- Sex differences in neck strength and head impact kinematics in university rugby union – **Liz Williams**
- Update from the RFL: challenges and opportunities in exposure measurement – **Ben Jones**
- TBC
- Discovery iMG data from elite rugby, how iMG data will influence contract training guidance and future plans – **Keith Stokes**
- Computational prediction of traumatic brain injury in sporting collisions – **Claire Baker and Mazdak Ghajari**
- Development of an advanced biofidelic headform for the physical re-creation of head impacts in cricket – **Rory England**
- Panel discussion: Opportunities and challenges in sensor research and data building
***Panellists:** Ben Jones, Keith Stokes, Simon Kemp, Mazdak Ghajari, additional panellist/s TBC*

LUNCH

FIRST AFTERNOON SESSION – Diagnostic and clinical tools

Session host: Virginia Newcombe

- Quickfire presentation: title TBC – **Lesley McBride**
- Quickfire presentation: Intrinsic, modifiable risk factors to concussion – **Theo Farley**
- Title TBC (DRBS advanced neuroimaging study) – **Gus Zimmerman**
- Title TBC (MicroRNAs in TBI and the SCRUM study) – **Valentina Di Pietro**
- Bioenergetic biomarkers of banged brains: a (free) radical focus! – **Damian Bailey**
- Title TBC (Progress in blood biomarkers) – **Neil Graham**
- Panel discussion: What does the future hold for head injury diagnostics and screening?
***Panellists:** Dave Sharp, Valentina Di Pietro, Damian Bailey, Neil Graham*

BREAK

SECOND AFTERNOON SESSION – Policy and progress in sport

Session host: TBC

- TBC



- Panel discussion: Updates from sport, future directions, and what we need to get us there
***Panellists:** Charlotte Cowie, Simon Kemp, Nick Peirce, Jerry Hill*
- Government priorities, funding, regulation and direction setting – **Laurence Geller**

~17.20 Close and takeaways – Charlotte Cowie