

EXPERIENCE

LEAD SPORT SCIENTIST

JUL 24 - CURRENT | Olympique de Marseille | Marseille, FR

- Responsible for the testing and monitoring of first team players
- Coordination of the collection, analysis, and reporting of all the Performance and Medical data (rehab monitoring, player availability, injuries, S&C delivery, etc) for the first team and the Academy
- Supporting the Head of Performance in the development of the Performance and Medicine Department

SPORT SCIENCE CONSULTANT

SEP 22 – JUN 24 | Self-employed | Remote

- Leading research projects on Injury Mechanisms and Women's Football
- Developing and delivering online educational materials in areas of Sport Science and Data Analytics

SENIOR LECTURER IN SPORTS COACHING SCIENCE

SEP 22 – JUN 24 | University Campus Football Business | Manchester, UK

- Module leader and lecturer for undergraduate modules
- Research and knowledge exchange activities
- Supervision of Undergraduate and Postgraduate (MSc and PhD) students

R&D AND FIRST TEAM SPORT SCIENCE ASSISTANT

OCT 19 – SEP 22 | Arsenal FC | London Colney, UK

- Testing, monitoring, and data analysis (e.g., GPS, HR, questionnaires, physical tests)
- Development of recovery strategies
- Organisation and delivery of CPD for medical and performance departments

U19 SPORT SCIENTIST

JUL 18 – JUN 19 | F.C. Inter Milan | Milan, Italy

- Testing and monitoring (e.g., GPS, HR, questionnaires, physical tests)
- Responsible for Players' rehab, Data Analysis and Reporting
- Management of training and match operations (e.g., warm-up, S&C sessions, post-match training)

OTHER RELEVANT EXPERIENCES

- First Team Sport Scientist, AC Monza, Jul 17 – Jun 18
- Performance Data Analyst, Iterpro Ltd, Sep 17 – Jun 18
- Academy Sport Science Intern, AC Milan, Sep 15 – Sep 16

EDUCATION

- Professional Strength and Conditioning Coach, Italian S&C Society, October 2023
 - PhD in Sport Science & Medicine on Injury Mechanisms in Football, Edinburgh Napier University, Sep 22
 - MSc in Sport Science & Performance, Grade: 110/110 cum Laude University of Milan, Oct 2018
 - Tableau Analyst, Tableau eLearning, Nov 2023
 - Tableau Designer, Tableau eLearning, Sep 2023
 - Exos Performance Specialist, EXOS, Sep 2021
 - Data Visualization with Tableau, University of California, May 2021
 - Casual Diagrams in Epidemiology, Harvard University, Mar 2021
 - Statistical Analysis with R, Imperial College London, Jan 2021
 - Improving your statistical inferences, Eindhoven University of Technology, June 2020
 - UEFA B Coaching License, Italian Football Federation (FIGC), Jun 2019
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SKILLS

Data analysis & Visualization: I have analysed performance and medical data collected by different departments using Excel, Tableau, and R. I have expertise on all the steps of data analysis from data collection and data imputation to data visualization and presentation.

IT skills: I have strong IT skills. I can use Microsoft Office and Project Management tools to collaborate with colleagues on shared documents, store and share data following GDPR, prepare interactive presentations and teaching material, and facilitate all admin tasks.

Teamwork: I worked and led teams in small and large organizations. I have coordinated multi-disciplinary teams of up to 15 experts and supported my colleagues in their tasks. I can interact with people working in different departments and can create good relationship with stakeholders.

Athlete testing and monitoring: During my working experience I have collected, analysed, and reported athletes' tests and performance data, using different tools such as metabolimeters, GPS, heart rate monitors, force plates, and questionnaires. I prepared reports tailored to the end user and automatized the creation of reports using Excel and Tableau.

Research methods: I support universities and other organisations to develop courses on Research Methods. I also provide guidance to fellow researchers, in and outside academia, on the best methods to conduct their research projects. I have supervised multiple students in their Research Projects.

Critical thinking: I studied Epidemiology and Research Methods thoroughly and improved my ability to interpret research, to weight their findings according to their quality and to use it to inform practice. I value the importance of high-quality research but recognise that evidence-based practice includes also coach experiences and player values.

PUBLICATIONS AND CONFERENCES

- Peek, K., **Aiello F.**, Avery L., Gardner, T., Rutherford, H., Massey, A., Georgieva, J., Andersen, T.E., Dahlen, S., Serner, A. *Characteristics of potential head injury situations at the FIFA World Cup Qatar 2022*. Science and Medicine in Football (2024). <https://doi.org/10.1080/24733938.2024.2409689>
- Aiello, F.**, Avery, L., Gardner, T., Rutherford, H., McCall, A., Impellizzeri, F.M., Peek, K., Della Villa, F., Massey, A., Serner, A. *Broadening our understanding of injury mechanisms to include at-risk situations: an overview of potential injuries at the FIFA men's World Cup Qatar 2022*. Science and Medicine in Football (2024). doi.org/10.1080/24733938.2024.2372304
- FIFA Medical Conference (invited speaker)**, presentation: 'FIFA Football Language – Medical Coding'. February 2024, Boston
- Aiello, F.** *Development of a standardised method for the analysis of mechanisms and circumstances of injury in football (PhD Academy Awards)*. British Journal of Sports Medicine (2023). doi.org/10.1136/bjsports-2023-107644
- Aiello, F.**, Di Claudio, C., Fanchini, M., McCall, A., Brown, S.J., Sharp, C., Impellizzeri, F.M. *Video and GPS analysis of activities leading to hamstring injuries in Italian elite football players*. Journal of Science and Medicine in Sport (2023). doi.org/10.1016/j.jsams.2023.07.007
- Isokinetic conference (Next Generation Leaders)**, presentation: 'Do injuries occur during high-speed running? A new GPS & video-based analysis'. May 2023, London
- Aiello, F.**, McCall, A., Brown S.J., Serner A., Fortington, L., Huirman, S., Lewis, S., Nagao, M., O'Brien, J., Panossian, A., Pruna, R., Passos Ramos, G., Whalan, M., Impellizzeri, F.M. *Development of a standardised system to classify injury inciting circumstances in football: the Football Injury Inciting Circumstances Classification System*. Sports Med (2023). doi.org/10.1007/s40279-023-01857-6
- European College of Sport Science Conference**, presentation: 'Injury inciting activities in male and female football players: a systematic review'. September 2022, Sevilla
- Aiello, F.**, Impellizzeri, F.M., Brown, S.J. et al. *Injury-Inciting Activities in Male and Female Football Players: A Systematic Review*. Sports Med (2023). doi.org/10.1007/s40279-022-01753-5
- Edinburgh Napier University PGR Conference**, presentation: 'How do injuries occur in football?' June 2022, Edinburgh
- Edinburgh Napier University SEHS Conference**, presentation: 'Do hamstring injuries occur during high-speed running activities? A GPS analysis of elite European football players - preliminary results'. June 2022, Edinburgh
- Pavesi M., **Aiello F.** *Stile IPD Futsal* (ebook). Monselice: PD, Youcoach, 2017
- Aiello, F.**, Dunlop, G., Nimphius, S., McCall, A., Impellizzeri, F.M., Kryger, K.O. *Strength and conditioning research in women's football: a Scoping Review*. To be submitted to Science and Medicine in Football in December 2024
- Aiello, F.**, Impellizzeri, F. M. Avery, L., Gardner, T., Rutherford, H., Serner, A. *Inter-rater and intra-rater reliability of the Football Injury Inciting Circumstances Classification System (FIICCS)*. To be submitted to Sports Medicine in February 2025
- McCall, A., Kryger, K.O., Serner, A., **Aiello, F.**, Ivarsson, A., Massey, A., Impellizzeri, F.M. *FIFA research agenda in women's football*. To be submitted to Science and Medicine in Football in April 2025
- Galan-Lopez, N., Markey, K., **Aiello, F.**, Carter, S., Brade, C., Spence, A., McKay, A., Mountjoy, M., Anderson, T., Adams, W.M., Chrismas, B.C.R., Henderson, M.J., Taylor, L. *Sports science and medicine in elite female athletes: a scoping review to establish and identify future research priorities*. To be submitted to International Journal of Sports Physiology and Performance in June 2025