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Dr Raif Yuecel studied MSc Biology at Heinrich-Heine University Duesseldorf (Germany, Thesis: *Molecularbiological and physiological investigation of NADH-Dehydrogenases in Corynebacterium glutamicum*) and completed his PhD & post-doctoral work at the University Duisburg-Essen (Germany, Thesis: *Functional Analysis and Regulation of Zinc-Finger Transcription Factor Gfi1 in Lymphocytes using Gene modified Mouse Models*), where he gained his passion for Cytometry technology.

Raif joined the University of Exeter as Cytometry lead PI for Cytometry and Head of the newly established Exeter Centre for Cytomics (EXCC) in the Bioscience Department.

He provides support and consultation to the research community in general on the application of Cytometry in biology and medicine. Before, he worked at the University of Aberdeen as the Head of the Iain Fraser Cytometry Center (IFCC). During this time, his activities included co-establishing the Scottish Society of Cytomics (SSC), which brings together scientists from Scotland, and for which he was appointed the first chair of the SSC. His academic expertise was complemented by further industrial experience as a cytometry study director at Phillip Morris International (Germany) and as a Global Product Manager for In Vivo Imaging and Cytometry at Miltenyi Biotec GmbH.

Raif has also been a researcher focusing on different application possibilities of Cytometry, such as cellular signalling, biomarker discovery, preclinical research, microbiology, and marine cytometry. His expertise is also reflected in co-authorship on numerous leading publications. As PI for Cytometry, he is actively involved in cytometry teaching in various curriculum at the University of Exeter.

Alongside his roles at the University, Raif is an active member of the regional alliance network GW4 Technical Infrastructure and Knowledge Working Group (TI&K WG), the flowcytometryUK Society and the International Society for Advancement of Cytometry (ISAC), where he is actively involved as a member of ISAC committees and as Chair of the ISAC Instrument-4-Science (I4S) Taskforce.



## Publications:

- de Assis, LJ et al., mBio, (2022)
- Avelar GM et al., Cell Surf. (2022)
- Stappers, MHT et al., Eur J Immunol. (2021)
- Tone, K et al., Front Immunol. (2021)
- Haydn, FT et al., Microorganisms (2020)
- Schaefer K et al., Microorganisms (2020)
- Ballard E et al., J. Fungi (2020)
- Abbas, H et al., J Magn Reson. (2020)
- Damiani, E et al., Biochem J. (2019)
- Li, D et al., Chromosoma (2019)
- Scally, C et al., Circulation (2019)
- Dambuza, I et al., PLoS Pathogens. (2018)
- Stappers, MHT et al., Nature (2018)
- Pradhan A et al., PLoS Pathogens. (2017)
- Collins, C et al., J Fish Dis. (2017)
- Mukhopadhyaya, I, et al., Mol Pharm. (2016)
- Sutherland, A et al. Geriatr Orthop Surg Rehabil (2015)
- Pargmann, D et al. Eur J Immunol. (2007)
- Geh, S et al. Arch Toxicol (2006)
- Rathinam, C et al. Immunity (2005)
- Zeng, H, et al. EMBO J (2004)23:4116-25
- Hertzano, R et al. Hum Mol Genet (2004)
- Yücel, R, et al. J Biol Chem (2004)
- Yücel, R, et al. J Exp Med (2003)
- Geisen, C, et al. Oncogene (2003)
- Molenaar, D, et al. J Bacteriol (2000)