"Extending and augmenting the classroom experience - how emerging media can transform education"

Every aspect of our lives has been touched by the power of the digital revolution and medical education is no exception to this. Emerging technologies allow us to present information in new contexts and allow for integration and interactivity that was previously not possible. The question for educators now is how to gauge this potential and how to determine which approach to use for which content and context. Augmented and virtual tools have their advantages, but also their pitfalls – we need to find a pedagogical approach to the classroom that meets the needs of modern, integrated curricula and a new generation of learners. The extended realities (xR) can augment the classical approaches with virtual experiences – it will be the mindful determination of what comprises a quality experience and what the impact on our learners is. Transformative education requires both our intellect and our creativity so that we can leverage the potential of pedagogy and technology for the best impact in our classrooms. We are just at the cusp of these developments and it is imperative that we become co-developers with our students so that we can create media with authenticity.

Development with emerging and new technologies requires a multidisciplinary team with medical experts, engineers, artists, students, faculty, and staff. Rather than providing answers, this presentation will provide examples and spark a conversation on how we choose the right medium for our message.