The Audience Response System – interactive teaching and learning with the audience quiz

Daniela A. Fux
Institute of Pharmacology and Toxicology/Clinical Pharmacology, University of Veterinary Medicine Vienna, Vienna, Austria

Daniela.Fux@vetmeduni.ac.at

It is well known that “only listening” promotes the learning process marginally. Nevertheless, teacher-centered lectures are still classical elements in undergraduate education. The Audience Response System (ARS) represents an efficient tool to actively integrate the auditory into this traditional way of knowledge transfer.

The ARS is an electronic polling system that enables students to answer questions via push-button in an anonymous and collective manner. The usage of the ARS leads to a high rate of attention and participation, and enhances the interaction of lecturers and undergraduates during seminars and courses. By stimulating active thinking and knowledge application, as well as by creating peer-teaching situations, the ARS helps to increase the learning outcome of traditionally given lectures. Vice-versa, by displaying a live feedback on opinions and knowledge, the ARS supports lecturers to assess student’s competencies, realize deficits and uncertainties.

This lecture will give an overview of different ARS and their opportunities in promoting interactive teaching.