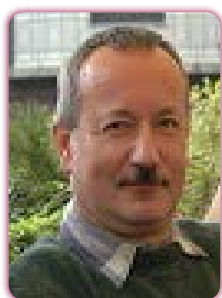


Clinical Chemistry & Laboratory Medicine

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Attila Miseta

University of Pécs, Hungary

Quo Vadis laboratory medicine

The name “laboratory medicine” is the product of evolution of clinical chemistry, clinical biochemistry, clinical pathology, etc. The aim is to encompass all the directions of a quickly developing and expanding diagnostic field. Our art is very much dependent on the recent technical and biochemical advances. The aim is to measure more molecules from smaller samples, sometimes within the shortest possible time at the right place with appropriate quality control. We live in the advent of genomic era, and doubtless significant advances will take place during the decade. Now the problem is not to producing data, but to interpret them in an intelligent way. Nevertheless, the expansion of pharmacogenomics and genetic testing aiming prevention are quickly expanding fields. Bioinformatics will develop very fast. Information technology will help to bring data faster and in far greater quantities to doctors as the home monitoring devices develop. Nanotechnology will help the development of smaller point of care type devices. In general, point of care type testing as well as the home utilities will occupy a large area in diagnostic testing. Automata technologies not only account for a broader spectra of investigations but also help to improve pre-analytical, analytical and even post analytical fields of diagnostics.

Biography

Attila Miseta has completed his MD from the Medical University of Pécs in 1984 and received his PhD in 1995. He has spent more than 5 years in the USA as Post-doctorate and a Visiting Professor. He is the Director of the Department of Laboratory Medicine at the University of Pécs Medical School. He has published 80 papers in PubMed listed journals and has been serving as an Editorial Board Member of three international journals.

attila.miseta@aok.pte.hu