

## **Matjaz Peterka**

is a head of Laboratory for bio-analytics at Centre of excellence for Biosensors, Instrumentation and Process Control. He is coordinating efforts of the research group to develop new applications of bacteriophages against human, animal and plant pathogenic bacteria. In addition group is focusing on production and purification technologies for human and bacterial viruses.

Matjaz received a PhD in Microbiology from University of Ljubljana for research done on genetics and evolution of anaerobic bacteria from genus *Prevotella*.

After completion of PhD he joined BIA Separations, Ljubljana, company developing and producing CIM® Convective Interaction Media chromatographic columns. He has been part of the team for ten years working as a researcher, project manager and department head. Matjaz was involved in development of various CIM® products, such as CIM® IMAC and CIM® HiP<sup>2</sup> Process Packs™. His responsibilities included the development of chromatographic purification methods for recombinant proteins, plasmid DNA and viruses.

As a researcher or a project manager he was involved in several projects to develop virus downstream processes including purification of live attenuated vaccine against seasonal and pandemic influenza.

His research resulted in number of papers and book chapters on different fields of microbiology and biotechnology.