

## FOOD INSTITUTE

Department	Job position	Part of FTE	Study field	Science field	Required competencies and experience
Microbiology Research Laboratory	Senior Researcher	1.0	-	Technological Sciences T005	<p><b>Doctor of Science</b> in the areas of Agriculture, biology or Technological Sciences.</p> <p><b>Experience of research activities:</b></p> <ul style="list-style-type: none"> <li>- experience in microbiology research, at least 1 paper on this topic in a journal registered in the Web of Science database;</li> <li>- experience in the preparation of proposals for external funding for tenders at the national and international levels.</li> </ul> <p><b>Knowledge of specific technologies:</b></p> <p>theoretical knowledge of the concept of preparation of healthy food and practical skills in cultivation, research and identification of cell cultures and microorganisms using the methods of biology and biochemistry.</p> <p><b>Additional required experience and competencies:</b></p> <p>fundamental knowledge of biology, genetics, inorganic, general and organic chemistry, biochemistry and biotechnology.</p> <p><b>Additional preferred experience and competencies:</b></p> <ul style="list-style-type: none"> <li>- biochemical tests of cell cultures;</li> <li>- isolation of molecular components in various organisms (DNR, RNR);</li> <li>- manipulation of molecular components while analysing them using various methods (PGR, RT-PGR, SSR, sequencing);</li> <li>- data analysis using bioinformatics tools;</li> <li>- development and implementation of analysis methodologies;</li> <li>- active involvement in scientific networking.</li> </ul>