

### O2.3\_Profile\_ Molecular Biology Specialist

<b>Profile title</b>	<b>MOLECULAR BIOLOGY SPECIALIST</b>
<b>Role</b>	Molecular oncogenetic diagnostic – identification and interpretation of hereditary risk to cancer at molecular level.
<b>Minimal requirements</b>	- PhD in molecular biology or molecular genetics; - either post-doctoral training in molecular oncogenetics <b>OR</b> at least 2 years of practical training in molecular biology laboratory
<b>Professional competences:</b>	<ol style="list-style-type: none"> <li>1. Ability to perform molecular biology methods for the identification of pathogenic deleterious mutations in predisposition genes;</li> <li>2. Theoretical and practical knowledge of DNA extraction, DNA quantitation, PCR method and PCR-based methods, DNA sequencing techniques, PCR and sequencing product purification;</li> <li>3. Excellent laboratory skills in pipetting, reagent storage and dispensing, molecular protocol elaboration, molecular biology laboratory workflow;</li> <li>4. Ability to interpret the sequence variants – variant scoring for pathogenicity;</li> <li>5. Knowledge of molecular genetics databases, variant interpreting at DNA, RNA, protein and splicing levels;</li> <li>6. Skills in bioinformatics.</li> </ol>
<b>Transversal competences:</b>	<ol style="list-style-type: none"> <li>1. Ability to communicate within the Multidisciplinary Consulting Group in order to assess the hereditary cancer risk and to participate in the Personalized Oncogenetic Monitoring strategies;</li> <li>2. Ability to carry out interdisciplinary collaboration in order to keep up-to-date the work methodologies and launching new research paths.</li> <li>3. Good knowledge of a foreign language (listening/ reading/ speaking/ writing) (English/ French).</li> </ol>