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*PUBLIC SELECTION FOR RECRUITING N. 2 FIXED-TERM RESEARCHER, ART. 24, PARAGRAPH 3, LETTER A) OF ITALIAN LAW NO. 240/2010, IN ACADEMIC RECRUITMENT FIELD 05/E1 GENERAL BIOCHEMISTRY AND ACADEMIC DISCIPLINE BIO/10 BIOCHEMISTRY FOR THE DEPARTMENT OF TRANSLATIONAL MEDICINE, IN ATTUATION OF THE MEASURES PROVIDED FOR BY PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR) – M4C2 – PROJECT “AGE-IT: AGEING INDIVIDUALS IN AN AGEING SOCIETY” — PROJECT CODE: PE\_15 – CUP C13C22000660001 (CODICE BANDO 2023-RTDA\_BIO/10\_AGEIT)*

<b>DEPARTMENT</b>	DEPARTMENT OF TRANSLATIONAL MEDICINE
<b>PLACE OF EMPLOYMENT</b>	NOVARA
<b>ACADEMIC RECRUITMENT FIELD</b>	05/E1 GENERAL BIOCHEMISTRY
<b>ACADEMIC DISCIPLINE</b>	BIO/10 BIOCHEMISTRY
<b>ELIGIBILITY REQUIREMENTS (MANDATORY)</b>	PhD or an equivalent academic title, based on international treaty agreements and the applicable norms
<b>RESEARCH ACTIVITIES</b>	<p>The candidate will have to carry out research activities within the strategic objectives of the "Age-It: Ageing individuals in an ageing society" – PNRR project, specifically on the hypothesis that the interactions between the aged adaptive immune system and the skeletal muscle drive sarcopenia. Thus, the candidate will investigate the role of DGKA in the cellular and molecular mechanism underlying age-related dysfunction of T cells and the mechanisms underlying age-related sarcopenia and defective muscle regeneration.</p> <p>The candidate will carry out research activities at the Center for research on autoimmune and allergic diseases (CAAD) in Novara and in close collaboration with the Department of Molecular Biotechnology and Health Sciences (DBMSS) of the University of Turin, which is affiliated with the University of Piemonte Orientale.</p> <p>In particular, the research work will use the facilities of the Interdepartmental Center for Molecular Biotechnology (MBC) of the University of Turin, to which the Department of Biotechnology Molecular Biotechnology and Health Sciences pertains to.</p>
<b>SCIENTIFIC TARGETS</b>	3 publications in the first three years in indexed journals with impact factor
<b>REQUESTED TEACHING DUTIES</b>	The winner(s) will have to carry out teaching assignments and integrative teaching activities pertinent to the Scientific Disciplinary Sector BIO/10 and related sectors in the Courses of Study activated at the School of Medicine of the University of Piemonte Orientale. The total hourly commitment is 1500 hours/year; the annual hour commitment referred teaching activities, integrative teaching and student service activities is 350 hours/year; (teaching activities in the various forms provided, as a rule, for 80 hours/year)
<b>LANGUAGE</b>	English and Italian
<b>NUMBER OF SELECTED PUBLICATIONS REQUIRED</b>	12