

ID NUMBER	CTO 02
PHD TITLE	CLINICAL AND TRANSLATIONAL ONCOLOGY
PHD AND SELECTION FEATURES	<p>The Ph.D. in Clinical and Translational Oncology aims to be a highly innovative educational platform in translational and therapeutic cancer research. It is based on the principle of the top-level collaboration among academic and research institutions, as well as the pharmaceutical industry in the Oncology sector, supporting the internationalization of Ph.D. students.</p> <p>The Ph.D. program ends with discussing a final thesis based on original, scientific, and individual work. Our goal is to create a hub for International Education Research that will be able to attract the top-ranked Italian and international students who wish to take part in a highly specialized program of study in the medical oncology and to generate the future generation of Oncologists in the academic and pharmaceutical field in the following decades.</p> <p>The Ph.D. program addresses students with a degree in Medicine and Surgery (LM-41), Pharmacy and Industrial Pharmacy (LM-13), Biology (LM-06), or Medical, Veterinary, and Pharmaceutical Biotechnology (LM-9). Moreover, the candidates will need to demonstrate a good knowledge of the English language (equivalent to B2 level according to the CEFR)., and to have a strong motivation, as well as a solid, extensive knowledge of the subject. They will have the opportunity to further develop their skills in cutting-edge cancer research with a multidisciplinary and interdisciplinary approach in an international research context in tight collaboration with the pharmaceutical industry.</p>

	<p>Candidate selection is based on their qualifications, research project, and a final interview. For the university career, their motivation, and the research project, they can achieve up to 60 points. As for the second phase, namely the interview, they can obtain up to 40 points.</p>
<p>AVAILABLE POSITIONS</p>	<p>6 PNRR doctoral fellowships (on research themes relevant for the PNRR)</p>
	<p>2 PNRR fellowships – Public Administration (on research themes relevant for the specific PNRR subprogram)</p>
<p>LINES OF INVESTIGATION OF THE DOCTORAL PROGRAM</p>	<p>2 PNRR fellowships – Public Administration (on research themes relevant for the specific PNRR subprogram)</p> <p>The Ph.D. program aims to study the complexity of the molecular events that trigger cancer development and the new medical strategies in the Oncological field. To this aim, it is requested to integrate information on genetic, epigenetic, and regulatory alterations through a Systems Biology multidisciplinary approach. Moreover, the selected candidates will have to develop clinical trials with the scope to identify biomarkers involved in the mechanisms of resistance to the most recent target therapies and new biological drugs. The sequencing technologies and analysis methods of Big Data can help understand the disturbance of intracellular networks at the basis of carcinogenesis to develop predictive models for new drugs and therapies.</p> <p>The Ph.D. program fosters multidisciplinary education and training both in the clinical-translational and biomedical engineering fields, specifically in the fields of Medical Oncology, Biology, and Radiomics.</p> <p>Our goal is to create an international hub for research and education that will be able to attract the world’s leading experts in the areas of interest of this Ph.D. program.</p> <p>6 PNRR doctoral fellowships (on research themes relevant for the PNRR)</p> <p>Candidates selected for these fellowships will enhance their competencies in Key Enabling Technologies related to life Science (SN_B2 E-health, advanced diagnostic, medical devices and mini-invasiveness; SN_B3 Regenerative, predictive and personalized Medicine; SN_B4 Biotechnologies, Bioinformatics and pharmaceutical development). It will be fostered the exploitation of research results, and it will be guaranteed open access to the research results and related data (for instance, the publication of original results on scientific research, rough data and metadata, sources, digital graphic representations, as well as images and scientific multimedia materials) in the shortest time</p>

	and with the least possible limitations, according to “Open Science” and “Fair Data” principles.
PROGRAM COORDINATOR	Prof. Michelino De Laurentiis
RESEARCH PROJECT	Candidates are required to show a solid, scientific and methodological knowledge of the subject as well as scientific interests close to the research goals of the doctoral program in Clinical and Translational Oncology. The research project, in Italian or English (up to 3.500 words/21.000 characters, short bibliography included), is to be drawn up according to the template available at the following link: http://www.ssm.unina.it/it/dottorati-bandi-e-avvisi/ . The project must include the discussion of clinical trials (at least 500 words/3.000 characters -max 1.000 words/6.000 characters) that have mainly shaped the applicant’s understanding of the kind of work he or she would like to do as Ph.D. student. Candidates must also list one or two potential thesis mentors from among the college members.
COURSE LENGTH (IN YEARS)	4
ANNUAL GROSS AMOUNT OF THE SCHOLARSHIP	€19,000 + 50% increase of the monthly installment of the fellowship for stays abroad (for a maximum of 12 monthly installments)
RESEARCH BUDGET	10% of the fellowship in the first year, 20% of the fellowship in the three following years
PROGRAM’S E-MAIL ADDRESS	clinical.to@ssmeridionale.it
PROGRAM’S WEBPAGE	https://www.ssmeridionale.it/it-it/dottorato/rubriche/clinical-and-translational-oncology-cto-3126-1-3162a4eda66331ddfae4c0b5bc243fb5
WEBSITE FOR INFORMATION AND NOTIFICATIONS TO APPLICANTS	https://www.ssmeridionale.it/it-it/la-scuola/bandi-di-concorso/dottorati

Atto: DECRETO 2023/53 del 09-06-2023
proponente: SCUOLA SUPERIORE MERIDIONALE
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