



STUDENT GUIDE

2023-2024

**INFORMATION FOR MEDICAL
STUDENTS OF FACULTY OF
MEDICINE**



TITU MAIORESCU UNIVERSITY OF BUCURESTI
FACULTY OF MEDICINE
MEDICINE IN ENGLISH SPECIALIZATION

STUDENT GUIDE

Information for future students of the Faculty of Medicine, Medicine in English Specialization

Academic Year: 2023 - 2024.

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1. A word from the Dean of the Faculty of Medicine



The study programs MEDICINE, GENERAL MEDICAL CARE and MEDICINE IN ENGLISH at the Faculty of Medicine of UTM, through the disciplines and study directions addressed, meet the new challenges faced by Romania in the current context of development. The didactic activity in all the study programs of the Faculty is in accordance with the European Union recommendations in the field of sectorally regulated specializations, concerning the profession of MEDIC, respectively of Medical Assistant and in accordance with the ARACIS

norms and standards.

As stated by the Vice-Chair of the Board of Directors, Prof. Univ. Dr. Smaranda Angheni, *"Titu Maiorescu University places itself, not only by name, under the spiritual authority of Titu Maiorescu, the father of modern Romanian culture and civilization. As a member of the European Universities Association (EUA), the International Association of Universities (IAU) and the European Association of Erasmus Coordinators (EAEC), Titu Maiorescu University actively participates in the creation of a European education in the present times, when only the best survive and impose themselves in such an important field. The direct international relations that UTM has with universities in the EU, Canada and the USA, as well as its participation in the European ERASMUS/Long life learning programme, are a guarantee of its recognition of its value, including internationally. All these facts of a very well defined identity in Romanian higher education open a wide range of prospects for the graduates of Majorca, both nationally and internationally, under the generous banner of the EU"*.

TUM's Faculty of Medicine has many achievements, with a past and present that honours us and binds us to future generations. There are all the prerequisites to achieve valuable results in the future and to train and educate generations of young doctors and nurses for a better medical care of the population. In this context, the Faculty of Medicine must continue the process of developing a modern academic institution, integrated into the national

educational system and compatible with the academic structures of the European Union countries, in accordance with the Bologna spirit, and the content of the National Education Law and the recent regulations, methodologies and codes adopted by *Titu Maiorescu* University of Bucharest in the University Charter.

The clinical work of students in years III-VI medicine and AMG is carried out in specialist clinics with which the university has contracts. Among these, we list Monza Hospital, CF Clinical Hospital No.1 Witting, CF Clinical Hospital No.2 Bucharest, Central Military Emergency University Hospital "Dr. Carol Davila", Ilfov County Clinical Hospital, Private Network "Regina Maria", Psychiatric Clinical Hospital "Prof. Dr. Al. Obregia", Efigia Clinic, "Dr. Victor Babes" Clinical Hospital, "Nicolae Malaxa" Clinical Hospital. The development of collaboration between the Faculty of Medicine and private hospitals has materialized this academic year with the establishment of numerous clinical departments. We have set ourselves the goal of developing these collaborations in view of the equipment and conditions, at European level, of academic education.

The mission of the Faculty of Medicine is to promote education and academic performance in the training of competitive graduates who can integrate into the health systems labour market, along with ensuring the conditions for the manifestation of the value and professionalism of the teaching staff. Equally important are: the development of an attractive system for motivating future candidates, in order to broaden the selection base of students, and the concentration of efforts on meeting the criteria for evaluating faculties and universities, in order to move medical faculties, and therefore UTM, up to the top of the national and international rankings. Alongside these, achieving a level of research activity that generates knowledge and at the same time increases the national and international visibility of the faculty is undoubtedly an essential desideratum. All this can only be achieved through teamwork, through collaboration with the entire academic environment of the university, based on ethical principles, mutual respect and understanding.

The Faculty of Medicine assumes, within the institutional framework of the educational and scientific research policy of UTM, the mission to train at a



competitive level specialists in the field of medicine and general health care, to provide competent and specialized personnel to public or private health units at local, national or international level.

We have succeeded in setting up a medical faculty with a strong entrepreneurial spirit, integrated into the modern trends of globalized higher education, in this respect we are unique in Romania. Through university autonomy, we have managed to achieve performances that were unthinkable



10-15 years ago, such as the fact that we have more than 2000 graduates so far or that in recent years around 70% of our graduates have passed the residency exam, some of them occupying the first places in this competition. Our students have been

admitted to the most sought-after medical or surgical specialties, where they have proved they can be the best, and have now gone on to practice medicine in prestigious hospitals at home and abroad, or to hold senior positions in the medical, government or international business sectors.

All these achievements were possible thanks to the continuous efforts of the management of the Faculty of Medicine, the activity of the Faculty Council, together with the direct support of the teaching staff, students and the activity of the Secretariat.

The Faculty of Medicine of Titu Maiorescu University of Bucharest is a recognized faculty in the field of training health specialists, and this is due to the past that binds us and the present that honours us. That is why we must look to the future with confidence and hope and I am sure that together we will succeed.

Dean,

Conf. Univ. Dr. Cosmin MOLDOVAN

2. General presentation of Titu Maiorescu University of Bucharest

On 20 September 1990, a group of mainly teachers met to establish the Titu Maiorescu Independent University Association under Law no. 21/1924. By Civil Judgment no. 59/25 January 1991, pronounced by the District Court of Sector 1 Bucharest, the Titu Maiorescu Independent University Association was granted legal personality. The founding members decided unanimously to elect as Rector Prof. Univ. Dr. Avram Filipaş, who remained in this position until his death in 2006.

Titu Maiorescu University acquired legal personality as a private, non-profit institution of higher education and became a legal person of private law and public utility, part of the National Education System, by Law no. 239 of 23 April 2002, published in the Official Gazette no. 291 of 30 April 2002.

Titu Maiorescu University has 10 faculties in its structure: eight faculties in Bucharest - Law, Psychology, Medicine, Dental Medicine, Pharmacy, Social, Political and Humanities Sciences, Finance-Banking, Accounting and Business Administration and Computer Science and two in Târgu Jiu - Law and Economic Sciences and Medical Assistance.

Titu Maiorescu University offers all types of higher education: bachelor, master and - in the faculties of Medicine, Dentistry and Law - doctorate. The study programmes, carried out in the form of full-time education (IF) and in the form of distance education (ID) are varied and in a continuous diversification, so chosen as to best meet the demands of the labour market. At present, the University runs 21 undergraduate degree programmes, 25 master's degree programmes, and at the level of the 3 doctoral schools the teaching and scientific activity is organised in 17 scientific fields. The teaching staff have a high professional training, are prominent personalities of science, of Romanian public life, members of prestigious specialized associations in Romania and abroad, members of the Romanian Academy of Scientists and members of the Romanian Academy.

Involved in the struggle for excellence, in the triangle of knowledge, education - research - innovation, the University pays particular attention to scientific research and emphasizes exploratory and frontier research through interdisciplinarity. At the level of the University there is the Institute of Studies,

Research, Development, Innovation which, through its 9 interdisciplinary scientific research centres, carries out an intense scientific activity.

The University is a member of the European University Association (EUA), the largest organisation of higher education institutions in Europe, a member of the International Association of Universities (IAU), a member of the Agence Universitaire de la Francophonie (AUF) and a member of the European Association of Erasmus Coordinators (EAEC). The direct international relations that Titu Maiorescu University has with universities in the EU, Canada and the USA, as well as its participation in the European Erasmus/Longlife Learning Program, to which Titu Maiorescu University is affiliated, are a guarantee of its value recognition also at international level.

Titu Maiorescu University is the only private university in the country that has been invited to participate in the European programme "MATRA", which aims to develop a national strategy for quality assurance in higher education. In December 2016, following the institutional evaluation, the Romanian Agency for Quality Assurance in Higher Education awarded Titu Maiorescu University a high degree of confidence - the highest rating that can be awarded to a university in Romania.

It is not by chance that Titu Maiorescu University is situated under the aegis of a profession of faith: "*modern and performing*" and of a motto with deep justification in the academic reality of Majorca: "*quality education, the secret of your success!*"



3. History of the establishment and accreditation of the Faculty of Medicine

An established institution of higher education, with exceptional results in its specific field of activity, the Faculty of Medicine of "Titu Maiorescu" University of Bucharest, according to a not long but rich tradition, has as its main mission the training of highly qualified professionals in the medical field and in other interdisciplinary fields, constantly manifesting itself in the vanguard of scientific research in Bucharest and in our country.

The Faculty of Medicine of "Titu Maiorescu" University operates based on the principles of modern education, which generates competition and performance in the national and European academic space. The Faculty is internationally accredited by FAIMER - Foundation for Advancement of International Medical Education and Research and WHO - World Health Organization. Since 2003, the Faculty is listed in the Yearbook of Medical Faculties, published in Philadelphia, USA, together with other prestigious medical faculties in Romania.

The Faculty of Medicine, which has been operating within the University since 1990, was accredited by H.G. no. 944 published in the Official Gazette no. 675 of 11 September 2002, for the specialization of general medicine, with a duration of studies of 6 years, with 360 transferable credits, daytime form of education.

Initially, the Faculty of Medicine of Titu Maiorescu University had two distinct specializations: General Medicine and Dentistry.

Since the 1993-1994 academic year, the specialization in dentistry has become a faculty in its own right and has been called the Faculty of Dentistry. In 2005 the establishment and authorization of the second specialization within the Faculty of Medicine, namely that of Medical Assistance, was approved in accordance with the provisions of Law 88/1993 and GD no. 88 of 10 February 2005, by address CNEAA no.2207 of 03.11.2005, a specialization regulated by the European Community for daytime education.

In 2009, the TUM Senate decided for managerial reasons to reorganize medical education at TUM, by merging the Faculty of Medicine with the Faculty of Dental Medicine, under the title of Faculty of Medicine and Dental Medicine, with 4 specializations: medicine, dental medicine, general medical assistance

and dental technology, which was approved by GD 749, published in MO no.465, Since 2011, the two medical faculties have been separated into two academic structures, the Faculty of Medicine and the Faculty of Dental Medicine.

In 2015, the Faculty of Medicine received from ARACIS the maximum rating, grade "confidence". Obtaining this accreditation is a great achievement, but also a real milestone for the entire academic community of our faculty. The Faculty of Medicine has its own staff who meet the requirements for the posts in terms of professional qualifications. In 2017, approval was obtained from ARACIS for the establishment of the study programme in English.

The structure of the management of the Faculty of Medicine over the 27 years has been as follows:

Deans: Prof. Univ. Dr. Zaharia Corneliu, Prof. Univ. Dr. Ludovic Paun, Prof. Univ. Dr. Dan Ungureanu, Conf. Univ. Dr. Minerva Ghinescu, Prof. Univ. Dr. Cristian Adrian Stan and, Prof. Univ. Dr. Daniel Cochior, Conf. Univ. Dr. Elena Rusu who has been promoted to the level of Prorector of Education and, currently, Conf. Univ. Dr. Cosmin Moldovan, Interim Dean.

Prodecans: Prof. Univ. Dr. Andrei Voinea, Prof. Univ. Dr. Andrei Firica, Prof. Univ. Dr. Dan Ungureanu, Prof. Univ. Dr. Florina Opreș, Prof. Univ. Petru Armean, Conf. Univ. Dr. Bădulescu Adriana, Conf. Univ. Dr. Tanasi Mihai, Ș. L. Dr. Tudor Hârșovescu, Conf. Univ. Dr. Minerva Ghinescu, Conf. Univ. Dr. Gabriel Cristian. Subsequently, due to the increasing complexity of the study programmes and the educational offer, a management system with 2 pro-deans was adopted. Thus, chronologically, the activity of the Pro-Deans was carried out by Conf. Univ. Dr. Minerva Ghinescu and Conf. Univ. Dr. Elena Rusu (international relations) and Prof. Univ. Dr. Nemeș Roxana.

4. Admission process to the Faculty of Medicine

Currently, admission to the Faculty of Medicine is conducted in two cycles of undergraduate and doctoral studies.

For the undergraduate cycle, the educational offer of the faculty comprises 3 distinct areas, namely:

- Medicine in English, with 6 years of study, 12 semesters, 360 credits, for which 125 places are accredited;
- English Language Medicine, a newly authorized, 6-year, 12-semester, 360-credit program, for which 45 places are available;
- General Nursing, 4 years of study, 8 semesters, 240 credits, for which 65 places are accredited.

The doctoral cycle comprises 4 years of study, the first of which is dedicated to advanced studies and the other 3 years are reserved for doctoral research. The Doctoral School of Medicine has 5 university professors qualified to direct doctoral theses in fields such as surgery, orthopaedics and molecular biology.

Admission is by study programmes and forms of education, in descending order of the overall average obtained by the candidates in the admission competition, within the limit of the enrolment figure approved by ARACIS for the respective study programme and form of education.

5. The education process

In its 27 years of operation, the Faculty of Medicine of Titu Maiorescu University has trained more than 1800 students who have obtained a bachelor's degree. The graduates of our faculty have defended their licentiate in the period 1998-2002 at the University of Medicine and Pharmacy "Carol Davila" in Bucharest. Since 2003, the licensing exam has been held at the Faculty of Medicine of Titu Maiorescu University, and since 2008, the licensing exam for General Medical Assistance has also been held at our faculty.

Over the years, some of our graduates (more and more each year) have been admitted to residencies at home and abroad (European Community and United States of America), and most of the graduate assistants of the Faculty of Medicine are among our graduates. The management of the Faculty of Medicine is constantly concerned with the practical training of students, in this regard a POSDRU project was won for the students' specialized practice and improving their insertion in the labour market.

One of the performance indicators is also the fact that most of the more than 1800 graduates are employed on the labour market in the country or abroad, with a legal employment contract, in positions corresponding to the degree obtained at graduation. The Bachelor's exam at the Faculty of Medicine is organized in three sessions, in July, September and February, according to the Methodology of the Bachelor's exam and the legislation in force. The Bachelor's degrees are issued by "Titu Maiorescu" University, Faculty of Medicine.

We estimate that approximately 95% of the graduates of the Bachelor of Medicine program were employed within one year of graduation, with available statistical data showing that between 60% and 70% of the graduates of the last three years (2015-2017) passed the residency exam both in Romania and in other EU countries. Also, some of the graduates occupy positions in public or private medical institutions or pursue other careers based on the degree in Medicine (medicine companies, specialist work abroad, insurance, etc.).

The educational structure of our faculty is consistently in line with the postulates of the Bologna Declaration, including the three compulsory cycles provided for by the National Education Law, in undergraduate, master's and

postgraduate specialization, master's and doctoral studies, as well as and lifelong learning programs, rewarded with transferable credits and covered by teaching staff with the scientific degree of doctor.

The curricula and subject programmes have been developed on the basis of a modern concept, in an interdisciplinary perspective, in accordance with international standards of higher education in general and



medical education in particular, with the aim of training future specialists with a solid specialist training and general culture that places them in an advantageous position in the competition for career success.

More than simply transferring knowledge from teacher to student, it creates learning environments and experiences that lead students to discover and create knowledge themselves.



The disciplines of study have, in addition to instructional competences, also competences of counselling and facilitation of learning processes. The Faculty of Medicine is continuously working to

identify, develop and implement new and effective learning techniques. The Medicine study programme has integrated internships in practical training, concurrent with the involvement of students in research and development projects. The traditional methods of transmitting information only (by notice board or in class) have proved over time to be insufficient, so in order to make the teaching process easier and more efficient, special attention has been paid to informing students about the means of teaching, learning and assessing knowledge.

The teaching-learning procedures were continuously focused on interactive teaching, on dialogue with students, on the importance of the formative side in the teaching activity (questions from the room, short presentations or demonstrative experiments). This component, together with the informative one, stimulates creative learning and contributes to the continuous improvement of students' knowledge, skills and competences. Teachers provide consultation and personalised guidance at the student's request.



In the Faculty of Medicine there is and applies a tutoring regulation; there are tutors for each year of study who give consultations according to a weekly schedule. Mentoring is also carried out through extra-curricular activities, such as student scientific circles organised by the two departments, which provide an image of a student's particular skills and abilities, and which justify encouraging them in a particular field of activity or in a particular function. The teachers set up a weekly programme of direct and e-mail consultations, giving students the opportunity to find answers to the various specialist problems that fall within the field of the tutor and beyond. In this way, the teachers, knowing their skills and level of preparation, can personalise the teacher-student relationship by guiding the student in choosing a future specialisation and in targeting a specific job.



The meeting with graduates and future candidates that takes place during the "Open Doors" event gives students the opportunity to have a direct dialogue with graduates, who have recently become medical practitioners, and provides

the most eloquent example of professional guidance through the power of the successful example of our graduates, as well as peer mentoring between senior students and other students and between graduates and students.

In this context, based on the permanent evaluation of education as a system and a process, the Faculty of Medicine is concerned with adapting its teaching and research programmes to the progress trends of science, technology and culture, to the needs of Romanian society, as well as with making them compatible with the programmes of other universities and academic and professional bodies in the country or abroad.

Currently, the first specialization of Medicine education, accredited by H.G. no. 944 published in the Official Gazette no. 67, daytime form of education, operates with a duration of study of 6 years, 360 transferable credits, with over 5800 hours of theoretical and practical training, completed by licensing exam.

The second specialization of General Medical Assistance is accredited, operating according to H.G. 676/ 2007, daytime education with a duration of study of 4 years, 240 transferable credits, with at least 4600 hours of theoretical and practical training, completed by licensing exam.

The postgraduate courses organized by the Faculty of Medicine are carried out according to an annual plan with the following thematic structure: postgraduate course on functional medicine in collaboration with Italian specialists, postgraduate course on laparoscopic surgery, postgraduate course on home care assistant, postgraduate course on newborn resuscitation, postgraduate course on treatment of neo-natal asphyxia, postgraduate course on medical malpractice, postgraduate course on integrative medicine, international postgraduate course on oxygen-ozone therapy, postgraduate course on "prevention and response of civil society to bioterrorist attack".

6. Facilities and material base of the Faculty of Medicine

The University has state-of-the-art teaching facilities - Aula Magna, lecture halls, seminar rooms, reading rooms and lecture theatres, specialist laboratories equipped with state-of-the-art equipment: medical equipment, computer network, Wi-Fi, videoconferencing equipment, smart boards, etc. The University has dormitories - hotel, canteen - restaurant, student club, health care centres and copy-center.

The faculty has state-of-the-art teaching facilities - lecture halls, lecture, seminar and reading rooms equipped with smart boards, library, publishing house,



bookstore, specialized laboratories with state-of-the-art equipment, medical equipment, computer network, videoconferencing equipment, etc. Concerned about the comfort of students and teachers, the university provides them with a pleasant, elegant and refined environment, a student club, a place to spend leisure time and host scientific debates and conferences on student life, a sports hall, a canteen-restaurant and two dormitory-hotels. There are two health care centres on campus (general medicine and dentistry) serving the needs of both the university community and the local community.

Through the Psychological Counselling and Career Guidance Centre (CCPOC), counselling is offered to both students and master students, with the mission of increasing their employability. Career counsellors at the Centre support students in the process of self-discovery, identifying strengths and areas

for improvement and helping them to plan their careers after graduation. CCPOC organises programmes that develop and practise skills and competences that young people need to integrate into the labour market: portfolio preparation for employment, mock interviews, presentation skills and time management, qualification strategies: career information and guidance counsellor, project manager, trainer, human resources inspector, human resources manager.

Also, starting with the 2018-2019 academic year, the Faculty of Medicine has started the design and construction of a new building adjacent to the existing space in the IOR building. This new space, already inaugurated and fully functional as of the academic year 2022-2023, is built to the latest and highest architectural standards, has 5 lecture halls, 20 laboratories for fundamental preclinical disciplines as well as seminar rooms. In the near future it will also have a canteen-restaurant for both students and teachers. All these laboratories considerably increase the teaching and, in particular, the scientific research capacity of the Faculty, where specific activities can be carried out for projects already in progress or newly contracted.

The pre-clinical disciplines are based in the new IOR 2 building, where the following disciplines operate:

- The anatomy laboratory, in the basement of the IOR 2 building, is a modern, in-house designed laboratory, which benefits from both dissection on human cadavers and a state-of-the-art virtual anatomy table, allowing special sections and correlation with radiological and CT data.





- The physiology and pathophysiology laboratory is equipped with modern equipment and materials necessary for the study.



- Histology, cell biology and genetics laboratories, fully equipped with specific equipment to current standards necessary for a quality education process.
- The biochemistry laboratory, which is located on the 5th floor of the IOR 2 building, is completely new and has modern equipment.

At present the collaboration with hospitals has been extended, on the basis of collaboration contracts, to hospital units both in the public network: the CF Clinical Hospital No.1 Witting, the CF Clinical Hospital No.2 Bucharest, the Central Military Emergency University Hospital "Dr. Carol Davila", the Ilfov County Clinical Hospital, the Psychiatric Clinical Hospital "Prof. Dr. Al. Obregia", "Dr. Victor Babeş" Clinical Hospital, "Nicolae Malaxa" Clinical Hospital.

The Faculty of Medicine also has a rich portfolio of collaboration with numerous clinics and hospital networks in the private sector, such as Monza Hospital, the "Regina Maria" Private Network, Efigia Clinic, SANADOR Clinical Hospital, Ponderas Academic Hospital, Provita Nord Medical Group.



Hospital, the "Regina Maria" Private Network, Efigia Clinic, SANADOR Clinical Hospital, Ponderas Academic Hospital, Provita Nord Medical Group.





The partnership contract with the Regina Maria Private Health Network materialized in the opening of the Titu Maiorescu Diagnostic and Treatment Centre, located in the M Building of our university, on the ground floor. This laid the foundations for the collaboration on the medical line of the teaching staff

who will carry out consultations in the offices of the centre and the provision of free medical services to teachers and students of our university. In this context, we also mention the facility offered to all UTM students at the IF whereby free medical assistance is provided in this medical network on a card basis.



Excellence scholarships and merit scholarships are awarded to the best medical students and the scholarship system has transparent, non-discriminatory, carefully monitored criteria, mechanisms and procedures. Titu

Maiorescu University has social, cultural and sports services for students such as accommodation, sports facilities, various counselling services, which have an efficient administration. TUM also offers various services to students and has special programmes to ensure a quality student life, which it monitors and evaluates regularly.

The new clinical hospital of the Titu Maiorescu University is also in the process of being fitted out and compartmentalized and will be located in the building in the IOR Complex. In this modern space, equipped to international standards, many disciplines, both medical and surgical, will carry out their clinical activities.



7. International relations

In the framework of the Erasmus and Socrates programmes, the Faculty of Medicine of Titu Maiorescu University has developed collaboration contracts with the Faculty of Medicine of Lyon, then with the Faculty of Medicine of Paris, the University of A Coruna, the Sapienza University of Rome and the Faculty of Medicine of Innsbruck, and in the future it will start collaborating with other prestigious universities in Europe. In the framework of this programme, mobility is foreseen for both students and teaching staff, for different periods of one or two semesters.

In this regard, aiming at the internationalization of medical education in our university, the management of the Faculty of Medicine has ensured over the years the achievement of the following main objectives, necessary for an effective international collaboration:

- providing institutional management of the Longlife Learning Programme and coordinating all international activities,
- student and teacher mobility,
- organisation and monitoring of educational programmes and relations with medical education institutions in the European Community (such as programmes with Innsbruck, Paris, Vienna, Sapienza, AKH Vienna, Tel Aviv, A Coruna and Bergamo),
- collaboration with the National Agency for Combarelles Programmes in Vocational Education and Training (ANPCDEFP).



Erasmus+

In addition to the funds necessary for the development of its activity, the Faculty of Medicine also uses funds from external sources (through EU programmes - ERASMUS), with the help of which it broadens international relations with universities in the European Union, on the one hand, and, on the other hand, through the mobility of teaching staff and students, it increases the quality of the teaching and research process.

The Faculty of Medicine has Erasmus+ study partnerships with prestigious medical higher education institutions such as:

- France: via Universite Paris VII;
- Germany: through MediClin and Technische Universität Dresden and Magdeburg University;
- Italy: prin Policlinico di Monza, Università Degli Studi di Milano Bicocca, Perugia University, Aldo Moro Universitat din Bari and Sapienza Universita di Roma. From the academic year 2020-2021 we will also have an agreement with Universita di Bologna;
- Bulgaria: through Plovdiv Medical University and Pleven Medical University;
- Turkey: through Celal Bayar Universitesi, Suleyman Demirel Universitesi, Kirrikkale University, Cumhuriyet University, Mustafa Kemal University and Medipol University;
- Spain: through Universidad Catolica San Antonia de Murcia;
- Portugal: Combra University;
- Macedonia: Goce Delchev University.

In the academic year 2017 - 2018 the Faculty of Medicine opened a new ERASMUS+ partnership with Barr-Ilan University in Israel, and from 2023-2024 the doors were opened to collaboration with prestigious universities in South America

In order to reconfirm the presence of the Faculty of Medicine in the ranks of providers of quality medical education, at European and international standards, our institution constantly participates in the most important educational conferences in the world - EAIE 2022 in Barcelona, Spain, EAIE 2023 in Rotterdam, Netherlands; our participation is also confirmed in NAFSA 2024, in New Orleans, USA and EAIE 2024, Toulouse, France.

8. Scientific research and academic visibility of the Faculty of Medicine

The students of both specializations of the Faculty of Medicine are involved in the student scientific circles of the clinical and preclinical disciplines, being oriented towards themes related to the faculty profile. The Faculty of Medicine develops its own research plans, which are of interest to both teaching staff and students. The results of the scientific research of the teaching staff are exploited through participation in congresses, symposia or national and international conferences, publication of articles in specialist journals, monographs or treatises.

The research projects were initially funded from the resources of the coordinated disciplines, and it is planned to attract external funding sources (research centres, grants, international collaborations) for the proposed topics, similarly to the other faculties of the university.

The scientific research activity in the Faculty of Medicine is coordinated by a Council for Scientific Research and is carried out by the Scientific Research

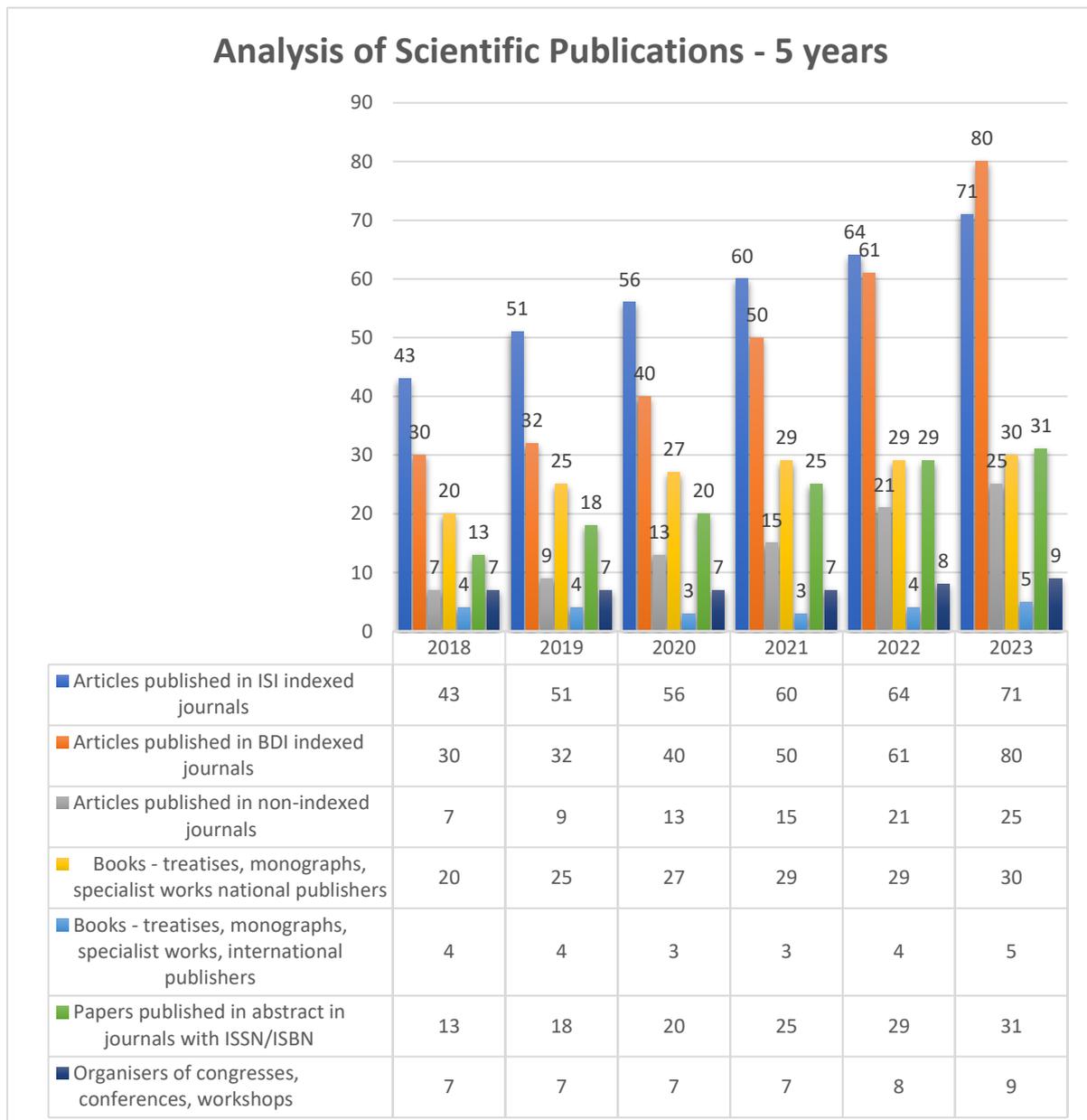
Centres under the executive direction of the Institute for Scientific Medical Research "Academician Nicolae Cajal" of Titu



Maiorescu University. It is an institute of fundamental and applied medical research, with translational research as its main objective:

- Deciphering the cellular and molecular mechanisms underlying diseases that impact human society (cancer, diabetes, etc.)
- Identification and evaluation of possible therapeutic targets and treatments using advanced technologies such as geonomics, proteomics, in connection with modern omics derivatives such as interactomics, onco-proteomics, onco-genomics.

The functionality of the institute is based on an infrastructure described in detail on the ERIS platform (<http://erris.gov.ro/Medical-Research-Institute-N>), infrastructure serving technologies such as: gene microarray, xMAP multiplex array, RT-PCR, dot-blot, Western blot, cell culture, trans-differentiation, in vitro and in vivo experimental models, biobank). The infrastructure and expertise of the team of the Institute for Medical Research Academician Nicolae Cajal constitute a support for the teaching staff of Titu Maiorescu University for the bidding and running of projects in future

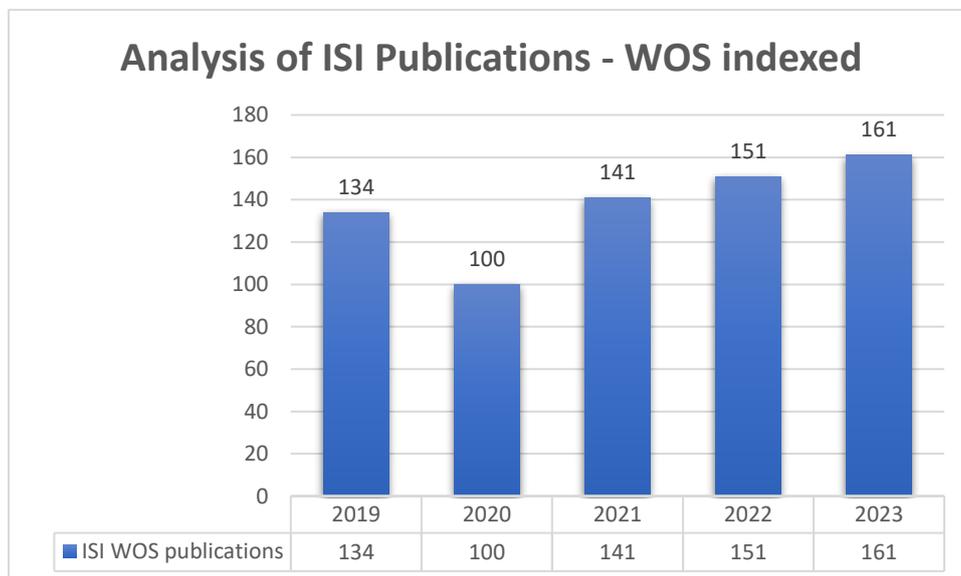


competitions.

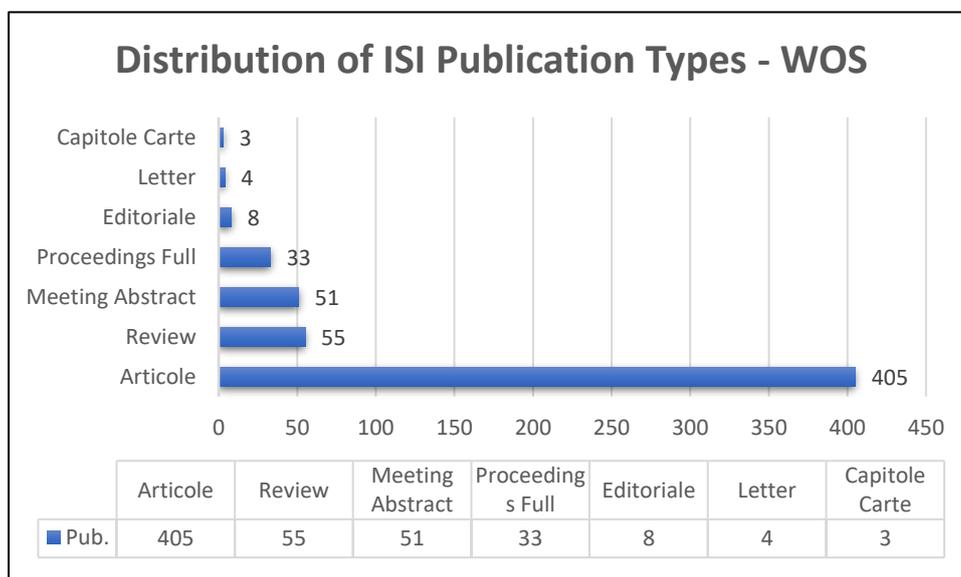
The research activity has resulted in a sustained increase in scientific publications, both those with ISI indexing and materials published in journals with indexing in other prestigious BDI. The increase recorded has been in a

sustained manner, from 2013 to the present, proving the consistent and constant involvement of all faculty members, regardless of teaching discipline.

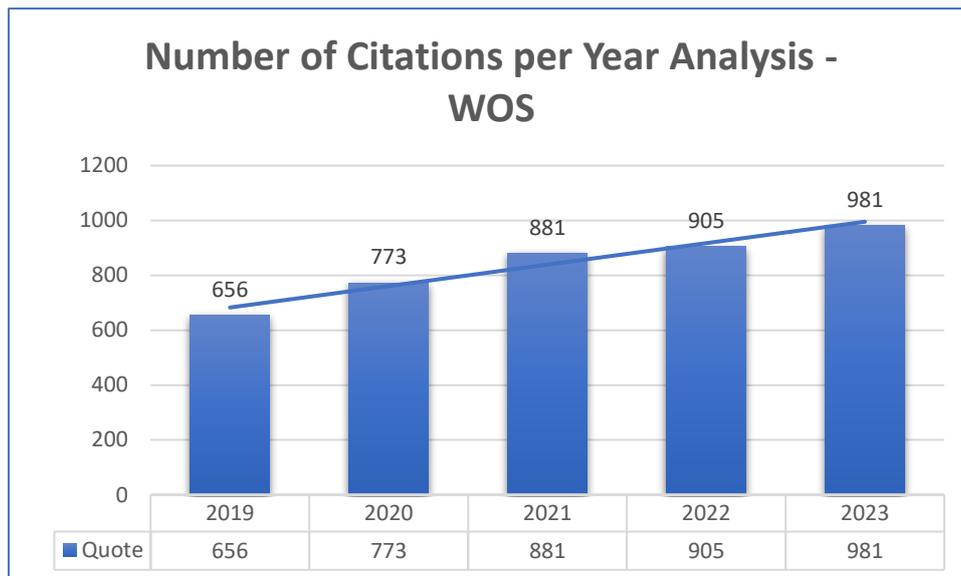
ISI-indexed publications, the most prestigious way of promoting and increasing the Faculty's academic visibility, has also seen a steady and sustained growth over the years, from 2015 to the present.



Of all types of scientific publications, articles had the largest share, followed by review articles, meeting abstracts, proceedings articles, editorials and book chapters published in ISI-indexed collective volumes.



All this publicity effort has resulted in increasing the visibility of the tenured professors of the Faculty of Medicine in the national academic environment and especially internationally, as demonstrated by the increase in the number of citations by other specialists in various specialties.



The scientific research carried out by the students of the Medicine specializations is mainly carried out within the Scientific Circles organized by the departments of the faculty and is materialized through the organization of own student scientific events, as well as works to which the students are authors together with the coordinating teachers. The best papers are awarded according to the university's own methodology.

The research projects in the work of the Centres are diverse: development of studies and applied research on oncological genomics, modern prosthetic material manufacturing technologies and evaluation of their resistance to biomechanical stress, medical liability and malpractice, clinical management, craniocerebral trauma and polytrauma, medical ethics and applied bioethics, telemedicine, modern diagnosis and treatment in cardiology, liver transplantation, laparoscopic and bariatric surgery, child neuropsychiatry, diabetology, advanced neonatology and pre-maturity therapy, disaster medicine, proteomics and geonomics, etc.

Since November 2007, Titu Maiorescu University of Bucharest organized the first International Conference entitled "Education and Creativity for a Knowledge-Based Society", which gathered a large number of academics from other faculties and universities in Romania and abroad. The conference also took place by sections, including Medicine, reaching its twelfth edition in 2018. This conference also benefits from a volume of papers published *in extenso*, by sections, being indexed in a prestigious international database (BDI), namely SSRN, adding visibility to the papers through their availability to be accessed by scientific search engines.

The Faculty of Medicine has partnerships with prestigious journals such as *Conexiuni Medicale*, *Romanian Journal of Stomatology*, *Romanian Journal of*

Criminalistics, Modern Medicine Journal and ORL.RO Journal published by the College of Physicians Bucharest, which have a B+ classification and are indexed by BDI and whose Scientific Councils are composed of professors from the Faculty of Medicine of UTM. Also, since 2016, the Journal of Mind and Medical Sciences (JMMS) published by UMF Carol Davila in partnership with Valparaiso University, USA, indexed Web of Science Core Collection, has in its editorial board teaching staff from the Faculty of Medicine.

