

Faculty of Dental Medicine UMF "Iuliu Haţieganu" Cluj-Napoca

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FACULTY OF DENTAL MEDICINE



"There's no useful art but medicine"

Pliny the Elder (23-79 AD)



Having a tradition of almost 100 years, the academic Dentistry in Cluj is the first teaching programme in Romanian dentistry.

In 1919, at the invitation of Professor Iuliu Hațieganu, Professor Gheorghe Bilascu arrived from Budapest in order to create the first department of clinical dentistry in Romania. The first Romanian journal of dentistry was issued shortly afterwards. Based on tradition, developed and supported by numerous generations of valuable and dedicated teaching staff, Cluj dental higher education has continuously developed throughout the decades.

Cluj is the most important cultural and university centre in Transylvania.

Our city is characterized by remarkable interculturalism and interfaith. These traditions are currently reflected in a friendly social environment and the youthful academic atmosphere of a city with 100,000 students from all over the world.

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Professor Alexandru Irimie Rector

Iuliu Haţieganu together with his generation of outstanding doctors and professors built a successful University in the heart of Transylvania at the beginning of the 20th century despite the difficulties encountered after the end of World War I. We continue this prestigious tradition and we are inviting you to become our partners. "Iuliu Haţieganu" University of Medicine and Pharmacy is among the top three Romanian medical universities thanks to its team.

The people of the University include our students and all those involved in teaching them how to be élite doctors, researchers, leaders and innovative spirits. From Rector to teaching assistants we are all professionals devoted to teaching students and to constantly building, through our shared contribution, an academic environment characterized by excellence, cordiality and critical spirit. We think and act together according to the "unity in diversity" principle.

The aim of the Cluj School of medicine is to educate undergraduate, postgraduate and doctoral students as well as resident doctors from all healthcare fields in accordance with the highest professional standards. We prepare clinicians who are able to practice this noble profession at the highest level, to identify and respond to fundamental questions related to the prevention and treatment of all pathologies in order to offer high quality healthcare services. Last but not least, we train top level researchers who will be able to offer solutions to today's medical problems. Every year, Cluj medical education attracts a considerable number of students from Romania but also from Europe, the United States of America, Africa and Asia. Therefore, we strive to maintain and improve our training and educational standards at the same time directing our efforts towards the integration of young graduates on the national labour market.

Together with the whole society, medical education should be in constant competition in order to meet European quality, management, financial, social and human standards for acquiring a competitive status on the labour market and within the current global economy.

Alexandru Irimie, MD, PhD, Rector



"By the work of our hands we strive to create a sort of second nature within the world of nature"

Marcus Tullius Cicero (106-43 BC)



Professor Radu Septimiu Câmpian - DMD, MD
Dean

Medicine and being a doctor have always been attractive career choices for many youngsters. Dental medicine is a distinct liberal profession among other medical specialties. It involves great responsibility but it also ensures professional achievements and satisfaction. At the same time, dentistry is a continuously and rapidly developing medical field. The European space offers attractive and motivating opportunities for workforce mobility. Given this context, dental professional training represents a tremendous responsibility. The Faculty of Dental Medicine of "luliu Haţieganu" University of Medicine and Pharmacy, Cluj-Napoca offers students the possibility of obtaining one of the most desirable medical degrees.

Motivated young people who wish to study dental medicine can benefit from a highly competent teaching staff, generous infrastructure as well as modern technical and material facilities. Almost 10,000 alumni of the Faculty of Dental Medicine have proven their skills and competences and thus became world ambassadors of the prestigious Cluj dental higher education. Our faculty offers two specializations: dental medicine (6 years of study) and dental technology (3 years of study). Dental medicine offers study programmes taught in Romanian, French and English. We also offer doctoral and master's degrees as well as residency programmes in oral and maxillofacial surgery, orthodontics, dentofacial orthopaedics, dentoalveolar surgery, periodontology, endodontics and dental prosthetics.

Cluj is the perfect choice for those who wish to study in a well-known and appreciated academic environment, for those who wish to have an active and diverse student life as well as for those who value safety and trust in their everyday life. The Faculty of Dental Medicine kindly welcomes you while our students look forward to having new friends and colleagues. The value of the Cluj medical higher education is given by its teaching staff and students. Dear youngsters, come join us in order to increase the value and prestige of the Cluj Faculty of Dental Medicine through your valuable presence and activity.

Vivat Academia!



TRADITION AND ...

1565	The Diet of Transylvania decided the creation of a College of Medicine in Cluj
1581	The foundation of the University of Cluj, managed and administered by the Order of the Jesuits
1775	The foundation of the Cluj School of Medicine and Surgery
1872	Incorporation of the School of Medicine and Surgery as a Faculty of Medicine within the Ferenc losef University (Hungarian medium of instruction)
1919	The University of Dacia Superior was founded. It comprised the Faculties of Sciences, Medicine, Law, Letters and Philosophy. Professor Iuliu Haţieganu was appointed dean of the new Faculty of Medicine while the courses taught in Romanian marked the beginning of higher medical education in the Romanian language in Cluj
1919	Dentistry became a specialty within the Faculty of Medicine under the supervision of Professor Gheorghe Bilaşcu, who trained at the University of Vienna.
1927	The University of Dacia Superior became Ferdinand I University
1940-1945	The University took refuge in Sibiu during World War II
1948	The Institute of Medicine and Pharmacy was created out of the University of Cluj
1990	The Institute of Medicine and Pharmacy became the University of Medicine and Pharmacy
1993	The University of Medicine and Pharmacy became "Iuliu Haţieganu" University of Medicine and Pharmacy



... CURRENT TRENDS

1948	The foundation of the Faculty of Dental Medicine, with the first specialty courses: Orthopaedic Dentistry (Prof. Vasile Vasilescu), Dental Therapy (Prof. losif Baba) and Maxillofacial Surgery (Prof. Cornel Oprişiu).
1994	The foundation of the College of Dental Technology
1997	The introduction of the Dental Assistant specialty
2001	The introduction of French as a medium of instruction for the Dental Medicine specialty
2007	The introduction of English as a medium of instruction for the Dental Medicine specialty

"Iuliu Haţieganu" University of Medicine and Pharmacy comprises:

The Faculty of Medicine
The Faculty of Dental Medicine
The Faculty of Pharmacy

Our faculties offer undergraduate degree programmes in three languages:

Romanian English French





EDUCATIONAL OFFER

Undergraduate degree programmes:

Bachelor's degree studies

Dental Medicine – a 6-year programme taught in Romanian, English and French. Graduates become dentists and have the right to practice in the field of general dentistry.

Dental Technology – a 3-year programme. Graduates become licensed dental technicians and have the right to practice as such.

Postgraduate study programmes:

Postgraduate residency programmes (3-5 years)

Training in six specialties. Graduates become specialists in Surgical specialties (Oral and Maxillofacial and Dento-alveolar surgery), Orthodontics, Periodontics, Prosthetic, Endodontics.

♥ Master's degree

Master in Judicial Medicine

♥ Doctoral degree

Doctorate in Dental Medicine organized by the Doctoral School of the University

Postgraduate continuous medical training

Having modern material resources and outstanding specialists, the Faculty of Dental Medicine organizes courses and practical activities of continuous education in all areas of dental medicine.



EDUCATIONAL OBJECTIVES

The Faculty of Dental Medicine is involved in dental professionals in the fields of Dentistry and Dental Technique in order to provide specialized, competitive personnel, both at national and European level.

The Faculty offers students a well-defined scientific background, with outstanding theoretical and practical characteristics (high-level specialists, appropriate equipment, adequate space).

There is a special focus both on teaching based on the principle of active and interactive learning, and on the assessment of skills and abilities based on performance standards.

The educational and research programme of the Faculty of Dental Medicine takes into account Romania's European integration, the major qualitative changes in higher education, the increased competition between faculties with the same profile, and the diversification of learning opportunities for young people.

The curricula include elective courses so that students have the opportunity to adjust their educational programme in line with the areas of their professional development.



DEGREE PROGRAMMES

Basic medical education and training

The curricula of the Faculty of Dental Medicine cover studies providing the basic medical education and training of future specialists. The syllabus structure of the general training subjects is geared towards topics of interest for the future dentists. Throughout the entire period of medical education, students acquire notions derived from the study of fundamental medical disciplines, which are intertwined with the study of specific subjects for Dentistry.

Specialty courses are introduced from the first year of study.

In the first years, clinical activities are carried out on simulators, in agreement with the tendencies for the development of dental education worldwide. Students are introduced to the dental office atmosphere from the first years of study, and clinical activities are carried out from an early stage, along with the basic training.

Courses are interactive, using current teaching methods, and are run in modern lecture halls.

The student – teacher collaboration

Practical activities are carried out in groups of 10-14 students in preclinical years and in groups of 6-8 students in clinical years. Each group is assigned to a member of the teaching staff. In this way, the students' activity is monitored continuously and effectively by their teachers.

Each year of study has its own tutor – a member of the teaching staff – delegated to keep in contact with the students.

The teaching staff is meant to guide the training of medical students and to help structure their thinking as future doctors. Being aware of their responsibility for training the next generation of doctors, the teaching staff members facilitate the students' comprehensive development, arousing their interest in everything that is new in the field of dentistry.



The students' clinical education and training enables graduates:

- To exercise their profession according to the values handed down and passed on by the Cluj medical school;
- To validate their self-worth through their personal contribution to increased health within the local, regional, national or international community;
- To develop their team spirit so as to provide treatment in complex situations;
- To be worthy of the trust and respect of patients through their professionalism, attitude and human qualities;
- To participate, through innovation and creativity, in the development of funda mental knowledge and technological advances leading to the progress of science and medical art.

The clinical curriculum is modelled after European dental schools, ensuring a balance between the clinical branches of dentistry. From the first clinical years the possibilities of preventing disease of the dento-maxillary system are explored within the **Discipline of Preventive Medicine**.

⇔ Conservative dentistry

The tendency to preserve the natural structures of the dento-maxillary system as much as possible – a current trend in dentistry worldwide – is to be found in the study of conservative dental medicine disciplines – **Odontology** and **Endodontics**.

Using biomaterials and state-of-the-art techniques, students carry out manual work to restore teeth and preserve surrounding oral structures.

♥ Disciplines of Dental Prosthetics

The reconstruction of the affected structures of the dento-maxillary system and their functional replacement with dentures and dento-maxillary prostheses represent an important area of Dentistry. Students are introduced to all clinical and technical stages of making dentures.



Surgical disciplines

Surgical branches are represented extensively in the curriculum of the faculty, offering theoretical and practical information in the fields of Oral Surgery, Maxillofacial Surgery and Implantology.

Periodontics

Diagnostic and therapeutic approaches to periodontal conditions, which is a high-frequency pathological group, have an important place in clinical education and training.

♥ Oral Rehabilitation and Management

Before graduating, students are offered the opportunity to cover, both in theory and in practice and in an integrated manner, pathological aspects that require complex rehabilitation of the dento-maxillary system.

Graduates need to acquire an insight into the dental practice management and organization, as well as into medical legislation and health economics. In this respect, students benefit from the study of disciplines that focus on these areas.

Medical Imaging

Students learn to assess the health of oro-facial structures through a wide range of both traditional and modern medical imaging techniques.

The medical imaging laboratories feature cross-disciplinary integration, assisting all the departments of the Faculty of Dental Medicine in their teaching and research activity.

Orthodontics and Pedodontics

The dental services offered to children, as well as the treatment of dento-maxillary anomalies



using various modern methods, have always been areas of special interest and important achievements for the dental health professionals in Cluj-Napoca.

Involvement in the City Life

The dental clinics of "Iuliu Haţieganu" University of Medicine and Pharmacy provide complex oral health services, covering the entire range of dental specialties. The students carry out dental procedures under the close guidance and supervision of the teaching assistants who are in charge with each group.

SANODENTAPRIM (Promotion of oral health through enhancing access of disadvantaged people to dental services) is a programme that is aimed at institutionalized people (in senior residences, foster homes, etc.), retired and unemployed people, as well as people aged under 26 with no income. Within this programme, patients are treated by students and medical interns.

Residency programmes

Having a highly trained academic staff, the Faculty of Dental Medicine offers residency programmes in all the fields of dental medicine:

Prosthodontics – 3 years of residency training

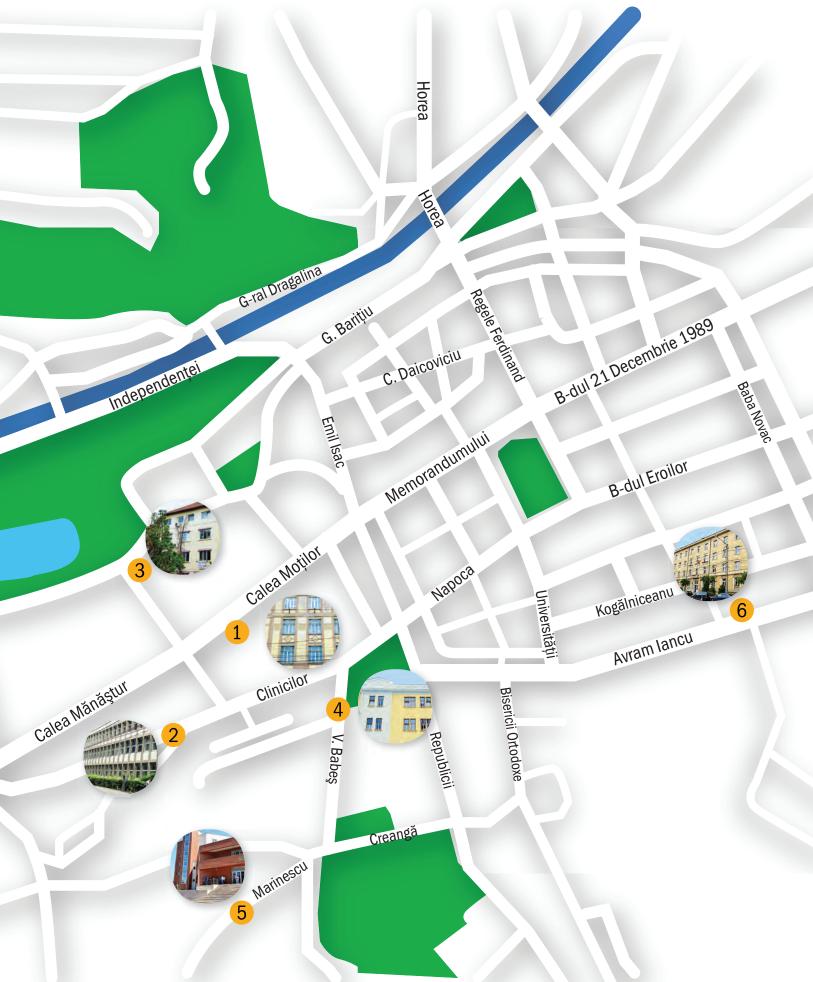
Endodontics – 3 years of residency training

Periodontics – 3 years of residency training

Dento-alveolar surgery – 3 years of residency training

Orthodontics and Dentofacial Orthopaedics – 3 years of residency training

Maxillofacial Surgery – 5 years of residency training



FACILITIES

Teaching and learning facilities

The students of the Faculty of Dental Medicine study in spacious learning facilities such as lecture halls, laboratories for preclinical practical activities, clinical practices and hospital wards.

All these facilities feature new, state-of-the-art equipment meant to enable the conduct of academic and practical activities in accordance with current international standards.

1. The building on 33 Moţilor Street

Disciplines of Odontology, Maxillofacial Surgery

2. The building on 32 Clinicilor Street

Disciplines of Propedeutics and Esthetic Dentistry, Dental Radiology and Prosthodontics

3. The building on 37 Cardinal Iuliu Hossu Street

Disciplines of Cranio-Maxillofacial Surgery and Dental Emergencies and of Maxillofacial Surgery and Implantology

4. The building on 15 Victor Babeş Street

Disciplines of Oral Rehabilitation, Dental Materials, Periodontics

5. The building on 23 Marinescu Street

Specially designed facilities for the Dental Technology specialty

6. The building on 31 Avram lancu Street

The Dental Simulation Training Centre, Prevention, Pedodontics and Orthodontics



♥ "Valeriu Bologa" Library

For individual study, the students of "Iuliu Haţieganu" University benefit from a modern and fully computerized library.

"Valeriu Bologa" Library is a member of the European Association for Health Information and Libraries. It holds over 300,000 publications – books and journals – and provides free shelf access to the entire book collection. It is the first Romanian library which grants free access to all publications.

The library has online workstations with free access to databases, electronic books and journals with a total of over 15,000 titles. The library also provides reading and study facilities with free wireless access.

Starting with the academic year 2013-2014, the library's collection can be consulted in two locations:

At 8 Victor Babeş Street, 3rd and 4th floors On B. P. Haşdeu Street – the premises of the Haşdeu University dormitories

⇔ Campus facilities

Students and medical interns can eat in the university student restaurant. The university student halls of residence are located in Haşdeu and Observator campuses, close to the city centre area and the buildings of "Iuliu Haţieganu" University. The campus dormitories can accommodate over 2,400 Romanian and international students, and medical interns. Students benefit from the campus accommodation facilities on the basis of academic merit (average grades), in accordance with *The University Campus Accommodation Regulations, available on the university website at www.umfcluj.ro*



SCIENTIFIC RESEARCH

Members of the teaching staff and students alike are involved in regional international cooperation programmes, in partnerships under the auspices of the AUF (Francophone University Association), as well as in multisite research projects, the majority of which are run in cooperation with researchers from foreign institutions.

The high-performance equipment of the research laboratories of the Faculty of Dental Medicine along with the collaboration with state-of-the-art research centres enable members of the teaching staff, PhD candidates and students to carry out high standard research activities.

The scientific research activity of teaching staff members and students covers topical fundamental and clinical research fields in all areas of dental medicine.

- Stem cells are obtained and cell cultures developed in the Laboratory of cell growth for stem cell banks and stem cell transplant clinics.
- Obtaining biomaterials and scaffolds for bone reconstruction in oral and maxillofacial surgery
- Diagnosis and therapeutic planning are made using the most up-to-date imaging techniques in the field of dental medicine, within the Imaging Laboratory of the Centre for Craniofacial Anomalies, for patients with bone defects.
- In vitro studies and clinical testing of classes of dental materials composites, glass ionomer cements, dental ceramics analysis of optical and mechanical properties, of tissue integration, studies of adhesion at the interface between tooth and restorative material.

Within the Faculty of Dental Medicine there is a specially designed Research Laboratory, fitted out with equipment purchased through research grants.

The scientific activity framework is primarily represented by the national and international research projects. These research projects carried out in partnership with prestigious institutions have allowed us to align our activity with the international standards and facilitated the acquisition of certain elements of infrastructure (equipment, materials, specific devices) which will allow the continuation and the diversification of the areas covered by the teaching staff of the faculty.



INTERNATIONAL RELATIONS

Our students are offered the opportunity to participate in inter-university study exchange programmes, both in-country (the Interdentis Programme) and abroad (within the Erasmus Programme).

Every year, dozens of our students benefit from scholarships that allow them to study for 1-2 terms in partner universities within the framework of the Erasmus Programme.

Thus, the Faculty of Dental Medicine is a partner within the collaboration and bilateral cooperation agreements established with the Faculties of Dental Medicine of a large number of university centres from abroad

France

Université Bordeaux Segalen Université de la Mediterranée/Aix-Marseille II Université de Bretagne Occidentale Brest Université de Strasbourg Université Henri Poincaré Nancy

Germany

Heinrich-Heine University Düsseldorf Universität Regensburg

Italy

Seconda Università Degli Studi di Napoli Università Degli Studi Magna Graecia di Catanzaro Università Degli Studi di Verona Università Degli Studi di Foggia



Spain

Universidad Rey Juan Carlos Madrid

Turkey

Cukurova University Adana Dicle University

Bulgaria

Medical University of Sofia

The Department of International Relations of "Iuliu Haţieganu" University of Medicine and Pharmacy coordinates the international mobility programmes for students as well as for the teaching and administrative staff, within the European partnerships programmes.

A large number of bilateral agreements were signed by "Iuliu Haţieganu" University of Medicine and Pharmacy within the European framework in order to provide support to students for 3-12 months spent in partner universities.

THE FACULTY OF DENTAL MEDICINE IN CLUJ – PART OF A MULTICULTURAL UNIVERSITY

There are over 1,350 students at the Faculty of Dental Medicine in Cluj, among whom there are over 600 international students.

Although they have different cultural and linguistic backgrounds, the students are introduced to the secrets of a unique profession – the one that responds to the needs of the suffering patients, restores their health, their smile and joy of life.

The programme studies taught in three languages - Romanian, French and English - ensure the students' rapid and effective integration into the specific academic system of dental medicine.



STUDENTS

ADMISSION

♦ Application process

- Admission contest for state-subsidized or tuition fee places. The contest takes place in Romanian language, under the same conditions for all candidates. Applications are open to citizens of European Union countries, the EEA and the Swiss Confederation.
- Evaluation of applicants' academic performance and personal achievements, according to the regulations available on the university website page tuition fee places. Both citizens of the European Union (or of the EEA and the Swiss Confederation) and citizens of non-EU countries are eligible.
- Further information on enrolment requirements, the contest period, the number of places available, the contest topics and bibliography is available on the university website at www.umfcluj.ro, the Admission section.



The academic year consists of two 14-week terms, each followed by a 4-week exam session.

The study programmes are harmonised with the European regulations regarding mutual recognition of diplomas in the European Union, while the syllabuses are permanently updated and modernised.

Dental higher education is provided in a linear system over 6 years (12 terms).

Courses are grouped into the following categories: mandatory, elective and optional. Mandatory courses provide students with the fundamental concepts required by their future profession, while elective and optional courses facilitate the deeper understanding of specific knowledge in the field and personalised professional development, according to the student's skills and needs.

Studies and activities are quantified and validated on the basis of The European Credit Transfer and Accumulation System (ECTS). In the case of the programme studies taught in French and English, beginning with the fourth year of study, the teaching activity is in Romanian.

STUDENT EVALUATION

Student evaluation is carried out through oral and written exams, as well as through practical tests. Marking is done on a scale from 1 to 10, where 5 represents the pass mark both in practical and written examinations. A student can take the same examination three times in an academic year at most, during the four exam sessions.

Study disciplines are evaluated on the basis of the ECTS, according to the number of courses and practical activities. Each year of study is allocated 60 credits.

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THE DENTAL STUDENTS' ASSOCIATION (DSA)

DSA was established in 1995 as a result of the need of Dental Medicine students to be represented at university level. The structure of the organisation has changed overtime to enhance its effectiveness and ensure its development towards a highly beneficial entity from the point of view of interpersonal and professional exchange.

DSA covers such areas as the academic, the university representation and the NGO through its three departments (Technical – IT support, Scientific – coordination of scientific activities carried out through the organisation, International Students Department – facilitating the integration of French and English speaking students into the Cluj academic and social environment) and eight projects (DENTis - The International Congress of Dentistry for Students and Young Doctors, Give It with a Smile, Dental Caries Prophylactics, Open Doors Days, "Wis(e)dom Molar" Magazine, Support for 1st Year students, Milk Teeth Freshers' Ball, InterDentis, StomaFun).





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Vice-dean responsible with academic management and development

Prof. Alexandra Roman, DMD, PhD

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ADMINISTRATION

The Board of the Faculty of Dental Medicine

Prof. Radu Septimiu Câmpian, MD, PhD

Prof. Alexandra Roman, DMD, PhD

Prof. Diana Dudea, DMD, PhD

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Prof. Silviu Albu, DMD, PhD

Prof. Mândra Badea, DMD, PhD

Prof. Liana Lascu, DMD, PhD

Prof. Michaela Mesaros, DMD, PhD

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Assoc. Prof. Ada Delean, DMD, PhD

Assoc. Prof. Horațiu Rotaru, MD, PhD

Assoc. Prof. Simion Bran, MD, PhD

Assist. Prof. Sanda Câmpean, DMD, PhD

Teach. Assist. Mircea Negruțiu, DMD, PhD

(Along with members of the teaching staff, the Faculty Board also includes 5 students)

Faculty Chief Administrator

Ioana Vasiliu Stolworthy

The Faculty Secretariat

Elena Pop – faculty chief secretary **Ligia Codruţa Gheonea** – faculty secretary for the Dental Technology programme

Mariana D. Mois – faculty secretary Silvana Ruşan – faculty secretary Alexandra M. Siladi – faculty secretary Nicoleta Stănculesc – faculty secretary for the programmes taught in French and English

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