

# Postgraduate Certificate

## Protection and Transfer of Medical Research Results



## Postgraduate Certificate Protection and Transfer of Medical Research Results

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/in/dentistry/postgraduate-certificate/protection-transfer-medical-research-results](http://www.techtute.com/in/dentistry/postgraduate-certificate/protection-transfer-medical-research-results)

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# 01

# Introduction

Researchers' efforts can fall on deaf ears if their results are not adequately protected. In fact, it is imperative that scientists receive the financial benefits and recognition they deserve for their work, otherwise future research may be compromised. This is all the more reason why updating the dentists in all matters of protection and transfer of results is extremely relevant to their activity, and TECH offers them the opportunity to catch up with this program. Through it, students will analyze the valorization of their research findings and the pros and cons of patents, as well as other forms of protection. All this in a completely online way.





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*With this Postgraduate Certificate  
you will duly protect your research  
efforts by valuing the results”*

The Protection and Transfer of Medical Research Results not only benefit researchers and their organizations, but also society as a whole. Adequate protection can encourage investment in research and the development of new technologies and products, having a positive impact on the economy and on the quality of life of citizens.

For this reason, dental professionals should try to handle with solvency all the protection and transfer formulas, in order to ensure that their research efforts are not endangered or misused. This is something you will be able to do through this Postgraduate Certificate, with which you will learn how to valorize the results of a research project or how to transfer them to clinical practice or industry. In addition, the program will focus on concepts of interest such as the technology transfer contract or industrial secrecy, as well as the generation of *Spin-Off* companies from research.

But the best thing is that students will be able to obtain this high level of preparation in the terms that they consider appropriate in terms of flexibility, since they will study the program wherever they want and will establish their own study schedules. In addition, they will benefit from the experience of a teaching staff that has committed itself to this program to provide all the keys that will launch their research activity.

This **Postgraduate Certificate in Protection and Transfer of Medical Research Results** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ The development of case studies presented by experts in protection and transfer of Medical Research Results
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*A highly comprehensive program that will show you the advantages and disadvantages of patenting your results"*

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*You will obtain a high level of preparation from home or wherever you want based on a study methodology in which the keys of great experts in Protection and Transfer of Medical Research Results will be very present”*

The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program's design focuses on Problem-Based Learning, through which the professional must try to solve the different professional practice situations that arise during the academic program. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

*A program that goes a step further in this area by dealing with the generation of Spin-Off companies from a research project.*

*Would you like to learn more about all the existing formulas to protect your results? All you have to do is enroll!*



# 02 Objectives

Given that the Protection and Transfer of Medical Research Results has positioned itself as an area of growing interest to safeguard the efforts of researchers and the use of their advances, TECH has been especially meticulous in the design of this program. Therefore, the program's goal is for dentists to acquire advanced competencies that will enable them to determine whether it is worthwhile to patent their results and to evaluate other beneficial forms of protection.



Object Spectrum Visualization

Spectrum

211,112,800	5.54	108.13	125.01
238,031,783	12.83	743.35	1,702.41
7	18.81	263.31	551.94
13	1.78	1,311.53	1,716.20
15	1.25	285.05	311.00

100.0%	100%
99.8%	100%
99.6%	99.8%
95.0%	94.7%
93.8%	92.1%
92.4%	95.4%
7.04%	6.19%

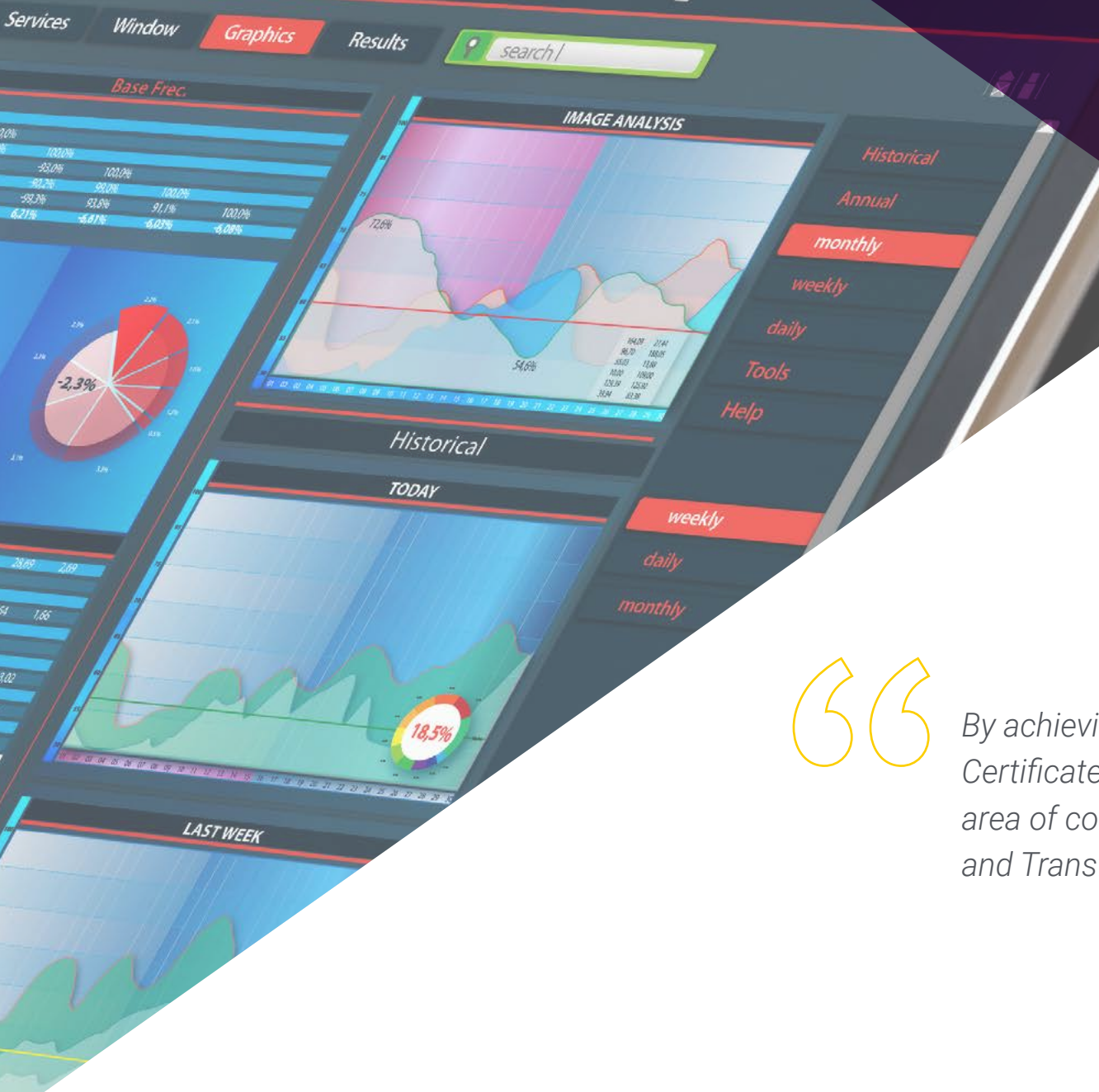
Data Cluster

3.42	8.075	390.00	125.44	164.09	10.80	10.86	8.15
4.37	244.16	295.70	0.00	0.74			
33.03	6.702	9.20	30.12	129.93	0.00	16.81	3.90
10	2.22	0.823	6.13	40.54	95.70	15.46	6.55
114	6.05	48.16	129.90	0.00	14.32	3.33	
37.93	0.723	11.54	10.95	144.73	0.00	39.94	3.02
13.8	6.000	4.52	27.44	-27.44	0.00		
53.86	5.392	13.53	128.42	188.05	0.41	16.09	11.07
100.42	3.080	0.97	-13.88	-5.42	0.00	18.06	
1.05	8.75	2.117	20.46	5.11	8.00	109.00	1.02
58.01	2.892	2.51	69.71	125.92	0.10	9.90	3.13
23	8.73	4.260	15.90	33.48	83.38	0.84	11.38





# ta Analysis Report



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By achieving the objectives of the Postgraduate Certificate, you will be fluent in a demanding area of competence such as the Protection and Transfer of Medical Research Results



## General Objectives

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- ◆ Understand the appropriate approach to a question or problem to be solved
- ◆ Asses the state of the art of the problem through literature search
- ◆ Assess the feasibility of the potential project
- ◆ Study the drafting of a project in accordance with the different calls for proposals
- ◆ Examine the search for funding
- ◆ Master the necessary data analysis tools
- ◆ Writing scientific articles (*papers*) according to the target magazines.
- ◆ Generate *posters* relevant to the units covered
- ◆ Know the tools for dissemination to the non-specialized public
- ◆ Delve into data protection
- ◆ Understand the transfer of knowledge generated to industry or the clinic.
- ◆ Examine the current use of artificial intelligence and massive data analysis
- ◆ Study examples of successful projects





## Specific Objectives

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- Introduction to the world of results protection
- Know in depth about patents and similar
- You will learn in depth about the possibilities of creating companies



*You will master each and every one of the relevant aspects of the technology transfer contract to guarantee the correct use of your products"*

03

# Course Management

In its faithful aim to provide a preparation that meets the highest educational standards, TECH has brought together a prestigious teaching team with an extensive professional background to teach this Postgraduate Certificate. In this sense, experts in Biomedical Research will meet the growing expectations of students, providing through their lessons the keys to protect their results and that the transfer of them is the most optimal possible.





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*Leading experts in Biomedical Research will guide you towards the maximum protection of your research activity through the latest strategies in this area"*

## Management



### Dr. López-Collazo, Eduardo

- ♦ Scientific Deputy Director in the Institute for Health Research the Health Research Institute of La Paz University Hospital
- ♦ Head of the Department of Immune Response and Infectious Diseases at IdiPAZ
- ♦ Head of the Department of Immune Response, Tumors and Immunology at IdiPAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Sponsor of the External Scientific Committee of the Murcian Institute of Health Research
- ♦ Member of the Scientific Commission of FIDE
- ♦ Editor of the international scientific journal *Mediators of Inflammation*
- ♦ Editor of the international scientific journal *Frontiers of Immunology*
- ♦ Coordinator of IdiPAZ Platforms
- ♦ Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV
- ♦ PhD in Nuclear Physics, University of La Habana
- ♦ Doctorate in Pharmacy from the Complutense University of Madrid



## Professors

### Dr. Avendaño Ortiz, José

- ◆ Sara Borrell Researcher Foundation for Biomedical Research of the Ramón y Cajal University Hospital (FIBioHRC/IRyCIS)
- ◆ Researcher Foundation for Biomedical Research of La Paz University Hospital (FIBHULP/ IdiPAZ)
- ◆ Researcher HM Hospitals Foundation (FIHM)
- ◆ Graduate in Biomedical Sciences from the University of Lleida
- ◆ Master's Degree in pharmacological research from the Autonomous University of Madrid
- ◆ PhD in Pharmacology and Physiology from the Autonomous University of Madrid



*Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice"*

# 04

## Structure and Content

The syllabus of this Postgraduate Certificate positions the program in front of others in the market based on two differential characteristics. The first consists of a highly flexible format that clearly plays in favor of the student. In this sense, dentists have the opportunity to develop academically from wherever they wish and to consult digital resources at any time. The second factor revolves around the fact that the syllabus has the most up to date vision of the Protection and Transfer of Medical Research Results that the students can find, allowing them to make a difference in their research activity.







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*A flexible syllabus up to date with the latest scientific evidence that will bring you abreast of all the generalities and specificities of the Protection and Transfer of Medical Research Results in only 6 weeks”*

## Module 1. Protection and Transfer of Results

- 1.1. Protection of Results: General Aspects
- 1.2. Valorization of the Results of a Research Project
- 1.3. Patents: Pros and Cons
- 1.4. Other Forms of Protection of Results
- 1.5. Transfer of Results to Clinical Practice
- 1.6. Transfer of Results to Industry
- 1.7. The Technology Transfer Contract
- 1.8. Trade Secrets
- 1.9. Generation of *Spin-Off* Companies from a Research Project
- 1.10. Search for Investment Opportunities in *Spin-Off* Companies





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*Industrial secrecy, investment opportunities, patents... In the Virtual Campus you will find contents with a valuable global approach on the Protection and Transfer of Results that will allow you to face any challenge in your research activity”*

# 05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





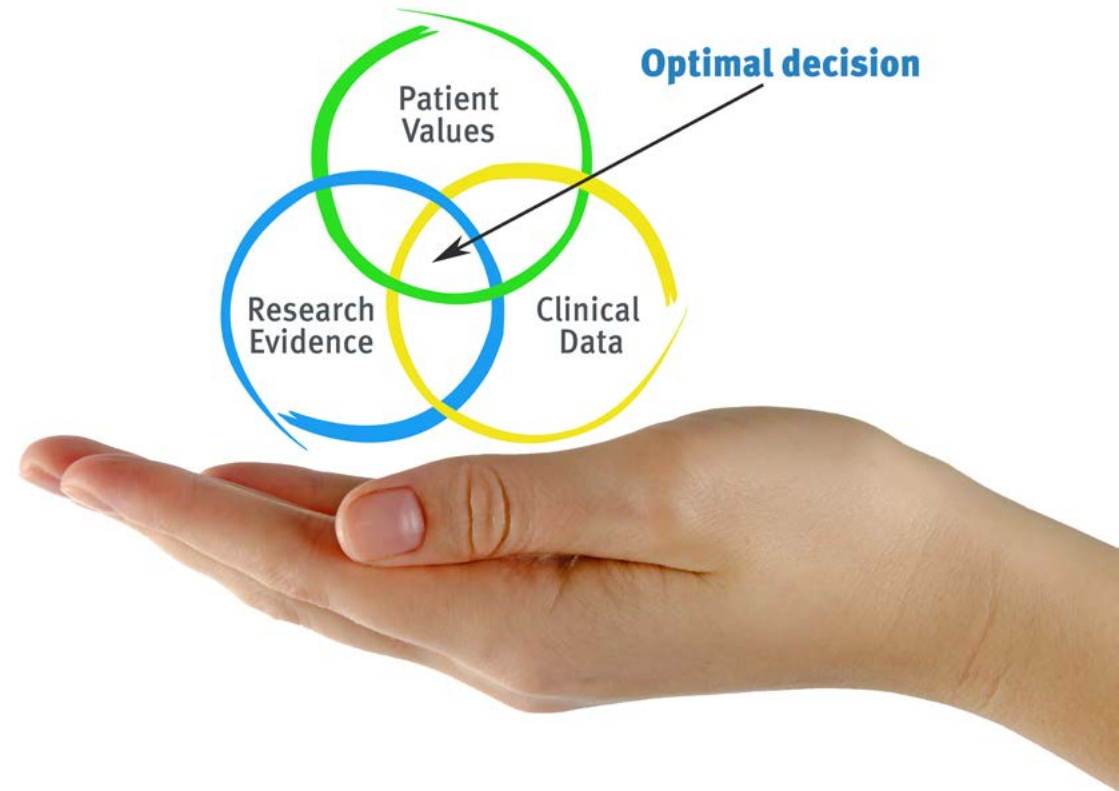
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the dentist's professional practice.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. Dentists who follow this method not only grasp concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

*The student will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*





At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 115,000 dentists with unprecedented success, in all specialties regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances, and to the forefront of medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

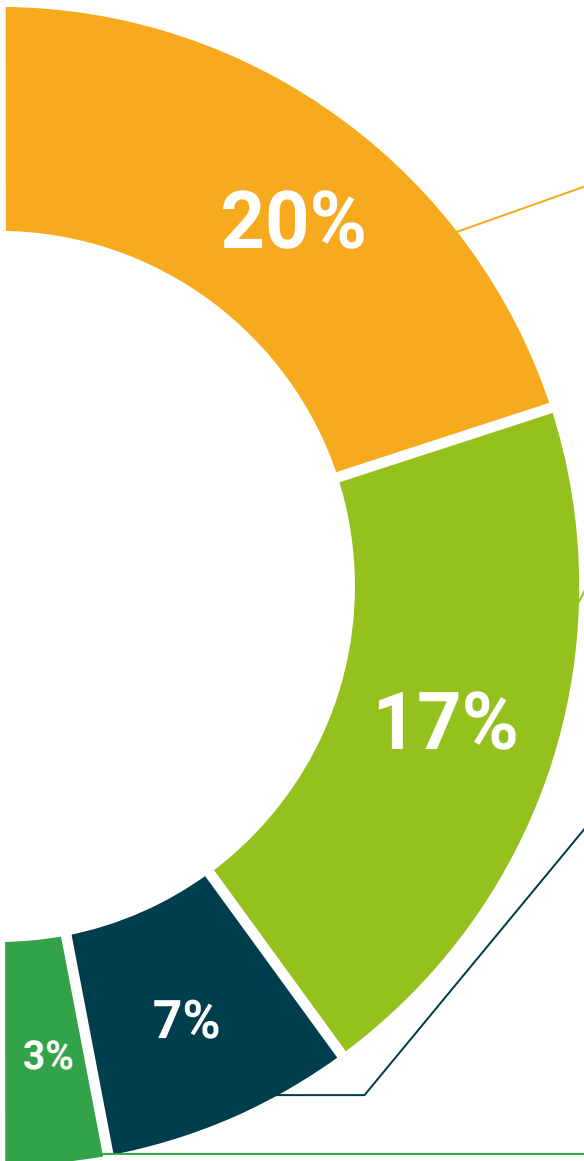
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

# Certificate

The Postgraduate Certificate in Protection and Transfer of Medical Research Results guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"*

This **Postgraduate Certificate in Protection and Transfer of Medical Research Results** contains the most complete and up-to-date scientific on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via **tracked delivery\***.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Protection and Transfer of Medical Research Results**

Official N° of Hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
classroom



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