

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**
- » Dedicated **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

Acceso web: www.techtute.com/in/nutrition/postgraduate-certificate/protection-transfer-medical-research-results

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01

Introduction

The protection and transfer of scientific research results are essential to maximize their impact and value, ensuring that scientific discoveries are used responsibly and fairly. That is why nutritional professionals must be continuously updated in this area so that their findings have the best possible contribution to society, being this degree a great opportunity in this regard. With it, the students will deepen in the generalities of the protection of results, analyzing the different ways to do it and the advantages and disadvantages of patents. All this without having to leave home and with prestigious experts at the student's disposal.





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Thanks to this Postgraduate Certificate, you will be able to assess and manage the results of a project in the most effective way possible"

There is no doubt that the protection and transfer of research results are important for generating economic and social benefits. Scientific advances can have a significant impact at a general level, creating jobs, improving the quality of life and addressing global challenges such as problems arising from eating habits. In this regard, the protection of intellectual property is crucial in order to control the way technology is used and to encourage innovation. The transfer of research results brings scientific findings from the laboratory to the marketplace, for the enjoyment of society as a whole.

For this reason, nutrition professionals must control certain strategies that shield their results from possible threats. That is why this degree is the perfect opportunity, with a rigorous approach that will update nutritionists on patents and the valuation of research results. To this end, they will delve into the correct use, exchange and storage of patents. In addition, emphasis will be placed on key concepts in this field such as industrial secrecy or the technology transfer contract.

All this valuable training will be provided by a team of exemplary teachers whose profiles are at the forefront of the sector, who will ensure that students receive the best possible education. As if that were not enough, TECH offers an innovative study methodology adapted to modern times, with audiovisual content and different interactive formats.

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

- ◆ The development of case studies presented by experts in protection and results transfer Scientific Research
- ◆ 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 self-assessment can be used 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



Get the high preparation you needed in all aspects related to the protection of results, processes and ideas in the Nutrition sector and become an expert in the field"

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TECH makes it easy for you: protect your results with guarantees through the use of patents, assessing their pros and cons"

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

Its 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 an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

If you were looking for a degree that would have an impact on the generation of spin-off companies from a research project, this is your opportunity.

Do you want to master all aspects related to industrial secrecy? You are only 150 hours away.



02 Objectives

This Postgraduate Certificate aims to update and improve the knowledge of Nutrition professionals interested in increasing their skills in the practice of generating patents and other forms of protection of results. Likewise, they will deepen in the possibilities of creating companies as a result of a research project. All this thanks to the TECH work methodology and the team of teaching professionals it has.





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You will achieve all your professional goals with innovative content that will boost the protection of your nutritional research results”



General Objectives

- ◆ Understand the appropriate approach to a question or problem to be solved
- ◆ Assess 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

- ◆ 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

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By achieving the objectives, you will gain all the additional resources with which you can more confidently assess the results of a research project"

03

Course Management

Always with the aim of providing the highest quality education, TECH has a team of professors who are experts in research and dissemination in the field of health. In this way, all professionals who wish to broaden their knowledge in protection and transfer of scientific results will have the best tutelage in the sector. In fact, the professors have been leaders of prestigious research institutions and have made significant contributions in the form of articles published in high impact journals.





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A team of professors who are experts in research and dissemination in the field of health will provide you with all the keys you need"

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 Inmune Response and Infectious Diseases at IdiPAZ
- ♦ Head of the Department of Inmune 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. del Fresno, Carlos

- ◆ Researcher Specialist in Biochemistry, Molecular Biology and Biomedicine
- ◆ "Michael Servetus" Researcher. Group Leader, Research Institute of the Hospital la Paz (IdiPAZ)
- ◆ Researcher Spanish Association Against Cancer (AECC), National Center for Cardiovascular Research (CNIC– ISCIII)
- ◆ Researcher, National Center for Cardiovascular Research (CNIC - ISCIII)
- ◆ "Sara Borrel Researcher, National Biotechnology Center (CNIC - ISCIII)
- ◆ PhD in Biochemistry, Molecular Biology and Biomedicine, Autonomous University of Madrid.
- ◆ Degree in Biology from the Complutense University of Madrid.

04

Structure and Content

The entire content of the Postgraduate Certificate in Protection and Transfer of Medical Research Results has been developed by professionals from different branches of the sector. From the knowledge regarding the assessment of data protection to the generation of spin-off companies, this training addresses all the points that any nutritionist needs to implement in their research practice. All this is offered in various interactive formats that will make the educational cycle much more dynamic.





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An agenda condensed into a 6-week teaching period that leaves no key concept behind regarding the protection and transfer of results”

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





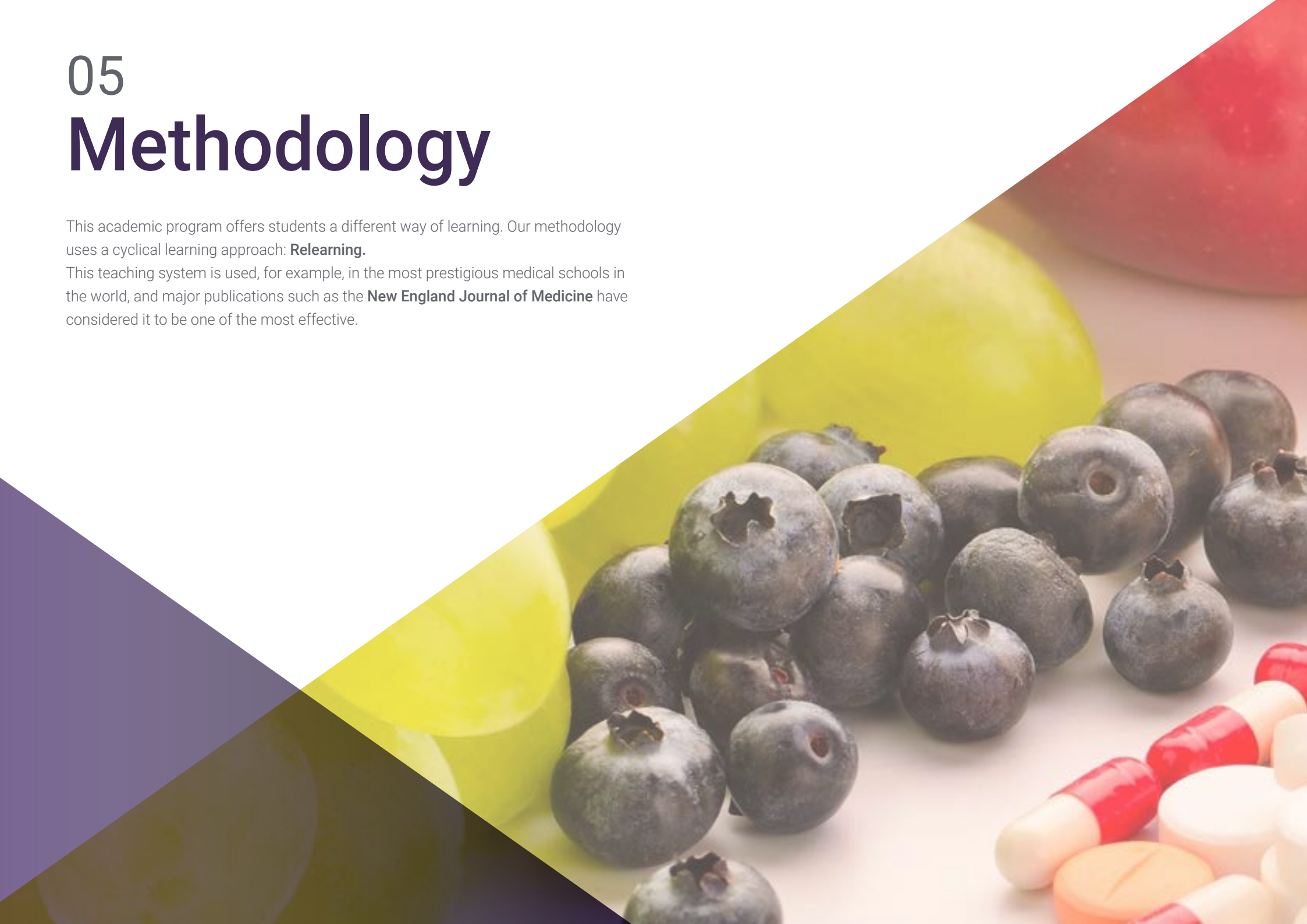
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With 'Relearning', you will successfully internalize through reiteration the latest strategies for transferring results to clinical practice"

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, nutritionists can experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, 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 of professional nutritional 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. Nutritionists who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity through exercises to evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the nutritionist to better integrate knowledge into clinical practice.
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 nutritionist 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, more than 45,000 nutritionists have been trained with unprecedented success in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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.



Nutrition Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current nutritional counselling techniques and procedures. 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, in addition to the most rigorous and updated training, access to a Diploma degree 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 updated scientific program 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 Protection and Transfer of Medical Research Results, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Program: **Postgraduate Certificate 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

tech technological
university

personalized service innovation

knowledge present

online transfer
Results

development languages

virtual classroom

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Results

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