

# Postgraduate Diploma

Dissemination and Transfer  
of Research Results



## Postgraduate Diploma Dissemination and Transfer of Research Results

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

Website: [www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-dissemination-transfer-research-results](http://www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-dissemination-transfer-research-results)

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# 01

# Introduction

The dissemination of results obtained from research during the medical execution process is key to its future progress. In Medicine, sharing clinical findings is essential to promote the development of collaborative projects and to achieve better study techniques. For this reason, specialists engaged in the research area in the health field must master the protection of their results, the approach to dissemination strategies and innovative tools such as SSRS. With this knowledge in mind, TECH has designed a 100% online program to update the skills of physicians in the analytical area. All this, through theoretical and practical materials and simulation of real cases that make teaching a unique academic experience.



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*With this Postgraduate Diploma, you will learn about the Cover Letter so that you can master the presentation of your clinical studies”*

Without dissemination, scientific research would be meaningless. In this field, the transmission of knowledge is crucial, since its evolution and viability will depend on it. Given the importance of this task in the research process, science has incorporated tools such as *Papers*, *Rebuttal Letters* and posters, which are typical of this sector. However, for their dissemination, experts also use new technologies to share their work and adapt it to popular language.

Given the digital changes that doctors are equipped with to share their studies, TECH Technological University has developed a Postgraduate Diploma in Dissemination and Transfer of Research Results aimed at updating all the knowledge of professionals interested in the research area. In this way, students will learn about the use of social networks for the dissemination of results, the evaluation of results in a research project, patents and protocols for the generation of scientific articles.

All this, through a 100% online program, which offers flexibility and adaptation of the study to the needs of professionals. In this way, the specialists will be able to combine the program with their professional life, without neglecting either of them. Likewise, TECH Technological University applies the *Relearning* methodology, which exempts the student from long hours of memorization and achieves a gradual and simple assimilation of the contents. In addition, the institution has a team of experts in Health Sciences who will be in charge of teaching the subjects. These teachers offer personalized attention to each specialist to guarantee their correct learning.

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

- ♦ Case studies presented by experts in Health Sciences Research
- ♦ The graphic, schematic, and practical contents with which they are created, provide medical 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



*Update your knowledge in the dissemination of scientific results with this Postgraduate Diploma that will provide you with teaching tools at the click of a button"*

“

*Renew your knowledge in research in medicine to become part of the cutting-edge experts at the forefront of clinical trials”*

The program's teaching staff includes professionals from sector who contribute their work experience to this 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 is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Would you like to master the Transfer of Results to Clinical Practice? Achieve it quickly and easily, in just 6 months, with TECH.*

*Be part of the medical dissemination, thanks to the new digital media and learn the keys to its use for a wide audience.*



# 02 Objectives

This Postgraduate Diploma in Dissemination and Transfer of Research Results aims to update the knowledge of high-level professionals to achieve a complete training in the generation of results of scientific studies. The importance of these tasks in medical studies makes it essential to renew the skills of specialists since in the future, digital platforms will be indispensable to carry out their research.





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*The transfer of the knowledge generated to the clinical industry is essential in the results and viability of scientific projects. Master this subject thanks to this Postgraduate Diploma”*



## General Objectives

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- ♦ 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
- ♦ Write scientific articles (*papers*) according to the daily magazines
- ♦ Generate posters relevant to the topics addressed
- ♦ 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



*Increase your confidence and the effectiveness of the disclosure of the data obtained in your research, thanks to this 100% online program offered by TECH"*





## Specific Objectives

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### **Module 1. Dissemination of Results I, Reports, Memos and Scientific Articles**

- ♦ Learn the various ways of disseminating results
- ♦ Internalize how to write reports
- ♦ Learn how to write for a specialized journal

### **Module 2. Dissemination of Results II, Symposiums, Congresses, dissemination to Society**

- ♦ Learn how to generate a poster at a congress
- ♦ Learn how to prepare different communications of different times
- ♦ Learning how to turn a scientific paper into dissemination material

### **Module 3. Protection and Transfer of Results**

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



# 03

# Course Management

TECH Technological University has called on experts in Health Sciences who work daily in Scientific Research. Thanks to their experience, the teachers of this Postgraduate Diploma will bring the latest advances in the transmission of medical results to medical graduates and other interested professionals. In addition, the experts will share their experience in real scenario to teach students not only theoretical contents, but also with practical exercises to complement them. Likewise, doctors will have a direct communication channel through which they will be able to resolve all their questions regarding the subject.



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*Don't wait any longer, delve into the representation of the results thanks to the guidance of experts with years of experience in the medical sector"*

## 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

### 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 syllabus of this Postgraduate Diploma in Dissemination and Transfer of Results in Research has been developed in detail by experts in Health Sciences. Thanks to their collaboration, TECH Technological University offers a program that, in just 6 months, will update the specialists' knowledge in research, in a rigorous way. At the same time, students will have at their disposal audiovisual content in different formats and the simulation of real cases to acquire theoretical and practical skills. In addition, TECH applies the *Relearning* methodology and a 100% online modality to facilitate the study of the program.





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*Acquire all the knowledge that will focus you on the research practice to obtain the best results in clinical trials”*

## Module 1. Dissemination of Results I, Reports, Memos and Scientific Articles

- 1.1. Generating a Scientific Report or Memory of a Project
  - 1.1.1. Optimal Approach to the Discussion
  - 1.1.2. Presentation of the Limitations
- 1.2. Generation of a Scientific Article: How to Write a "Paper on the " Basis of the Data Obtained?
  - 1.2.1. General Structure
  - 1.2.2. Where does the *Paper* Go?
- 1.3. Where to Start?
  - 1.3.1. Adequate Representation of the Results
- 1.4. The Introduction: The Mistake of Starting with this Section.
- 1.5. The Discussion: The Cusp Moment
- 1.6. The Description of Materials and Methods: The Guaranteed Reproducibility
- 1.7. Choice of the Journal where the *Paper* is to be submitted
  - 1.7.1. Choice Strategy
  - 1.7.2. Priority List
- 1.8. Adaptation of the Manuscript to the Different Formats
- 1.9. The "Cover Letter": Concise Presentation of the Study to the Editor
- 1.10. How to Respond to Reviewers' Doubts? The *Rebuttal Letter*

## Module 2. Dissemination of Results II, Symposiums, Congresses, dissemination to Society

- 2.1. Presentation of Results at Congresses and Symposia
  - 2.1.1. How is a *Poster* Generated?
  - 2.1.2. Data Representation
  - 2.1.3. Focusing the Message
- 2.2. Short Communications
  - 2.2.1. Data Representation for Short Communications
  - 2.2.2. Focusing the Message
- 2.3. The Plenary Lecture: Notes on How to Keep the Attention of the Specialized Audience for More than 20 Minutes
- 2.4. Dissemination to the General Public
  - 2.4.1. Need Vs. Opportunity
  - 2.4.2. Use of References



- 2.5. Use of Social Networks for the Dissemination of Results
- 2.6. How to Adapt Scientific Data to the Popular Language?
- 2.7. Hints for Summarizing a Scientific Paper in a Few Characters
  - 2.7.1. Instant Dissemination via Twitter
- 2.8. How to Turn a Scientific Paper into a Popularization Material
  - 2.8.1. Podcast
  - 2.8.2. YouTube Videos
  - 2.8.3. Tik Tok
  - 2.8.4. Comic Book
- 2.9. Popular Literature
  - 2.9.1. Columns
  - 2.9.2. Books

### Module 3. Protection and Transfer of Results

- 3.1. Protection of Results: General Aspects
- 3.2. Valorization of the Results of a Research Project
- 3.3. Patents: Pros and Cons
- 3.4. Other Forms of Protection of Results
- 3.5. Transfer of Results to Clinical Practice
- 3.6. Transfer of Results to Industry
- 3.7. The Technology Transfer Contract
- 3.8. Trade Secrets
- 3.9. Generation of *Spin-Off* Companies from a Research Project
- 3.10. Search for Investment Opportunities in companies *Spin-Off*

“A program designed for healthcare professionals like you, who will adapt to the digital paradigm by being aware of the evolution of the medical sector”

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# 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

What should a professional do in a given situation? 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. 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 in the physician'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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of 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.

*Professionals will learn through real cases and by resolving 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 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.



#### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current 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 on the usefulness of learning by observing experts. The system known as 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 Diploma in Dissemination and Transfer of the Research Results guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma in Dissemination and Transfer of Research Results** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Diploma in Dissemination and Transfer of Research Results**

Official N° of Hours: **450 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma 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 quality  
development languages  
virtual classroom



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