

Postgraduate Certificate Dissemination of Research Results



Postgraduate Certificate

Dissemination of Research Results

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/pk/pharmacy/postgraduate-certificate/dissemination-research-results

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 22

06

Certificate

p. 30

01

Introduction

In the development chain of scientific research, a key step is the dissemination and disclosure of the results, as it will extrapolate the data in clinical or pharmacological application, as in this case. This transmission of information can be done through different types of publications: posters at congresses, articles in journals, books, monographs, etcetera. However, electronic publications are now taking center stage. Therefore, professionals working in this area must master the techniques and new strategies for disseminating and publicizing results through the Internet. In order to update the knowledge of pharmacy graduates and other professionals interested in the adaptation of scientific data, TECH has developed a 100% online degree designed to improve the professional skills of specialists in the sector.



“

This Postgraduate Certificate gives you the opportunity to update your knowledge about the paper based on data obtained from your own research”

Far from being a purely scientific matter, the results of research have a major bearing on the well-being of citizens. In pharmacology, patients want to know about the latest treatments for their conditions, so they need to understand the advances and the processes that lead to them. Undoubtedly, one of the most direct ways of transmitting knowledge today is the Internet and, above all, the new platforms. It is already common to find accounts on Instagram or Tik Tok that are dedicated exclusively to instructing their followers. Many pharmacists explain the effect of the COVID vaccine through instant publications. This is just one example of what lies ahead for scientific researchers and a reason for them to look into what's new in this field.

For this reason, TECH has designed a complete and rigorous degree program that provides in-depth knowledge of the most up-to-date tools for adapting your reports and memoirs. This is the motivation behind the Postgraduate Certificate in Dissemination of Research Results, which has been designed by a teaching team versed in Medical Research in order to guarantee optimal academic instruction for the students. In this line, specialists will be able to communicate with teachers through a direct communication channel to solve all their doubts.

The main objective of this program is to update the knowledge of Pharmacy graduates and other Health Sciences professionals, so that they can develop their professional careers towards the dissemination and disclosure of the results of their projects in the Network. All of this, through detailed videos, research articles, complementary readings, self-knowledge exercises and dynamic summaries, among other materials, that energize the study and prepare students in a practical way so that they can apply it in the real scenario of action. In addition, TECH has designed this program under the academic excellence so that, being 100% online, it adapts to the circumstances of the students and they only need to invest in it for 12 weeks. A great opportunity to develop as a researcher and become involved in modern politics. The digital paradigm from a completely technological teaching.

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

- ◆ Development of case studies presented by experts in Medical 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 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 work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection.



In less than 12 weeks, you will update your skills and explore the scientific dissemination method"

“

Are you ready to become a genius in social media and the transmission of pharmacological knowledge? With the 100% online program you will be closer than ever to achieving it"

The program's teaching staff includes professionals from the 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. This will be done with the help of an innovative system of interactive videos made by renowned experts.

Don't stay behind in the update process and dynamize your reports to reach a greater number of experts so that they can also intervene in your research and improve it exponentially.

This degree gives you the opportunity to study and update your knowledge without having to give up other activities in your daily life.



02 Objectives

This program aims to educate graduates in Pharmacy who wish to broaden their knowledge towards the dissemination and popularization of their work. Thanks to its study, the student will be able to know the new methods of adaptation of a scientific work in divulgation material and its literature. All this, with a globalized vision and perspectives towards the latest technology, with which students will deepen in the selection of appropriate material for each type of public call. A rigorous qualification that guarantees the avid performance of the specialists enrolled in the program.



“

Become one of the leading professionals using cover letters to master diverse communications for small and large audiences”



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
- ◆ Write scientific articles (Papers) according to the target journals
- ◆ 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



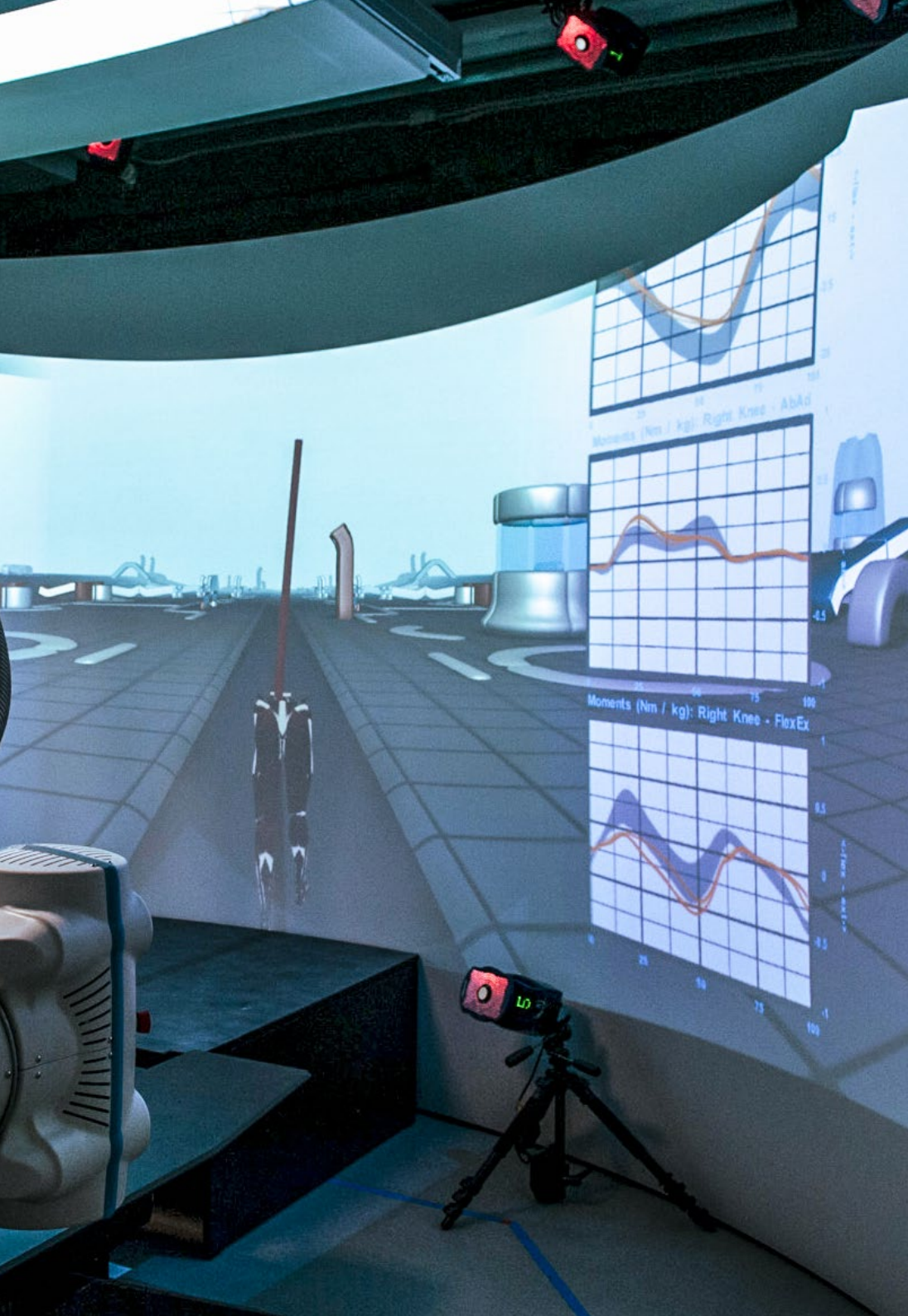


Specific objectives

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

“

You will have the academic tools with which to master the creation of memoirs, scientific articles and the writing of specialized journals, among other issues”



03

Course Management

TECH has selected a brand new team of experienced researchers in the pharmaceutical field with years of collaboration in research projects to develop this program. They are a group of specialists with a very broad human and professional quality who will be in charge of teaching the contents of this degree. Thanks to their collaboration, students will not only acquire theoretical knowledge, but will also be able to acquire the keys to the actions of teachers who work in the real scenario. It is a unique academic opportunity, as students will have at their disposal a direct communication channel through which they will be able to discuss with teachers and solve all their questions.





“

TECH brings you closer to knowledge through the professional experiences of the teachers who teach this degree. Sign up now and enjoy!"

Management



Dr. López-Collazo, Eduardo

- ♦ Deputy Scientific Director, Instituto de Investigación Sanitaria, Hospital Universitario La PAZ
- ♦ , the Health Research Institute of La Paz University Hospital (IdiPAZ)
- ♦ Scientific Director, Institute of Health Research, University Hospital La PAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Member 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 (2010-2013)
- ♦ 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

- ◆ Researcher Sara Borrell Biomedical Research Foundation of the Ramon and 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 in Pharmacological Research, Autonomous University of Madrid
- ◆ PhD in Pharmacology and Physiology from the Autonomous University of Madrid

04

Structure and Content

The syllabus of this Postgraduate Certificate has been designed under the guidance of a group of specialists versed in Medical Research. A program that offers 300 hours of additional material: detailed videos, research articles, complementary readings, and simulation of clinical cases in order to update the competencies of professionals. In addition, TECH integrates the innovative Relearning system to allow students to enjoy a gradual and constant learning, which exempts them from investing long hours of memorization. In addition, it has teachers who, through a direct communication channel, will solve the specialists' doubts. TECH also allows the download of the Virtual Campus reference guide, so that the student can have the materials online and offline, once they have been saved on their electronic device.





“

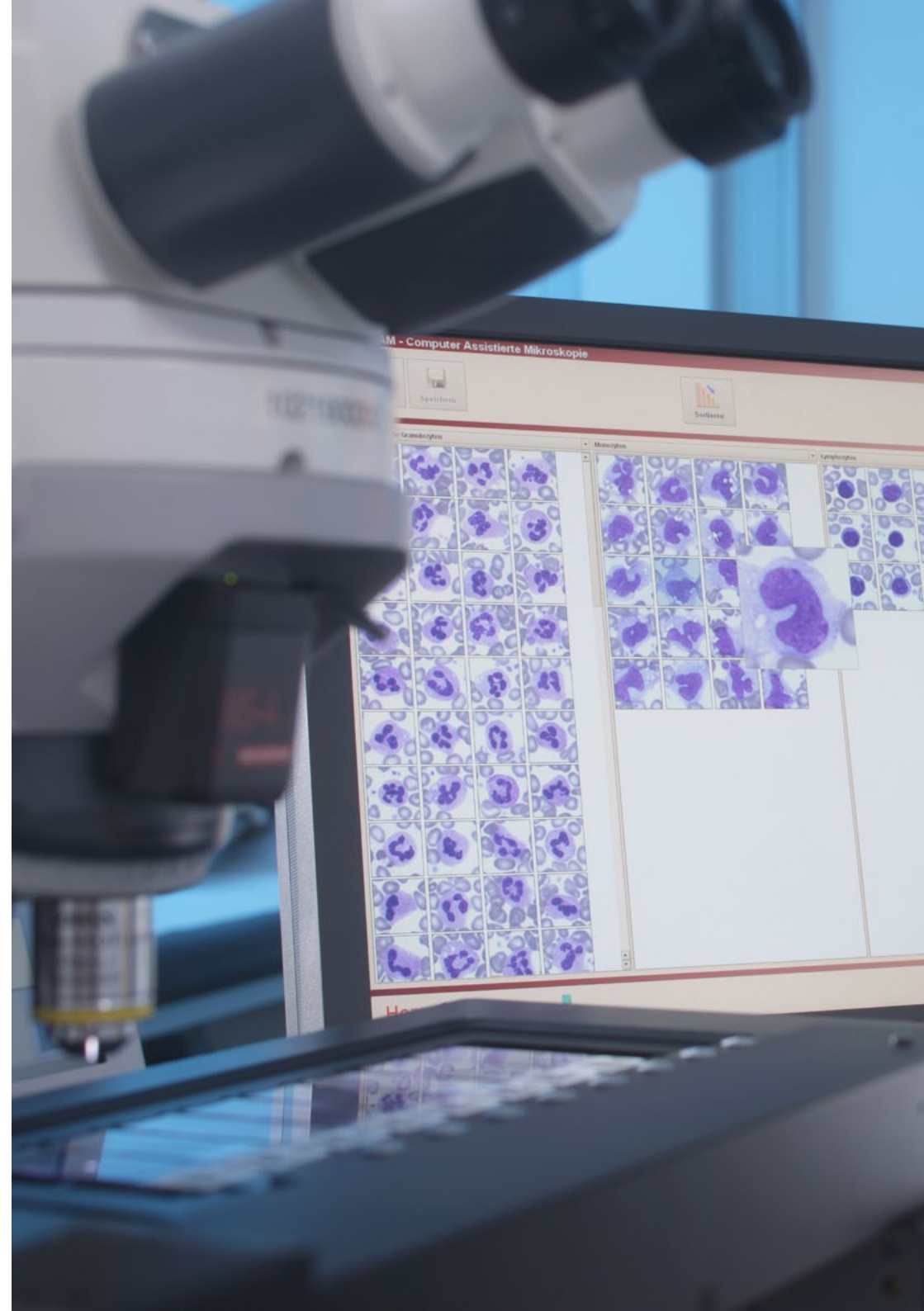
TECH offers you all the facilities so that, from your own home, you can join a degree that, under its 100% format, lets you choose the study schedule that best suits you"

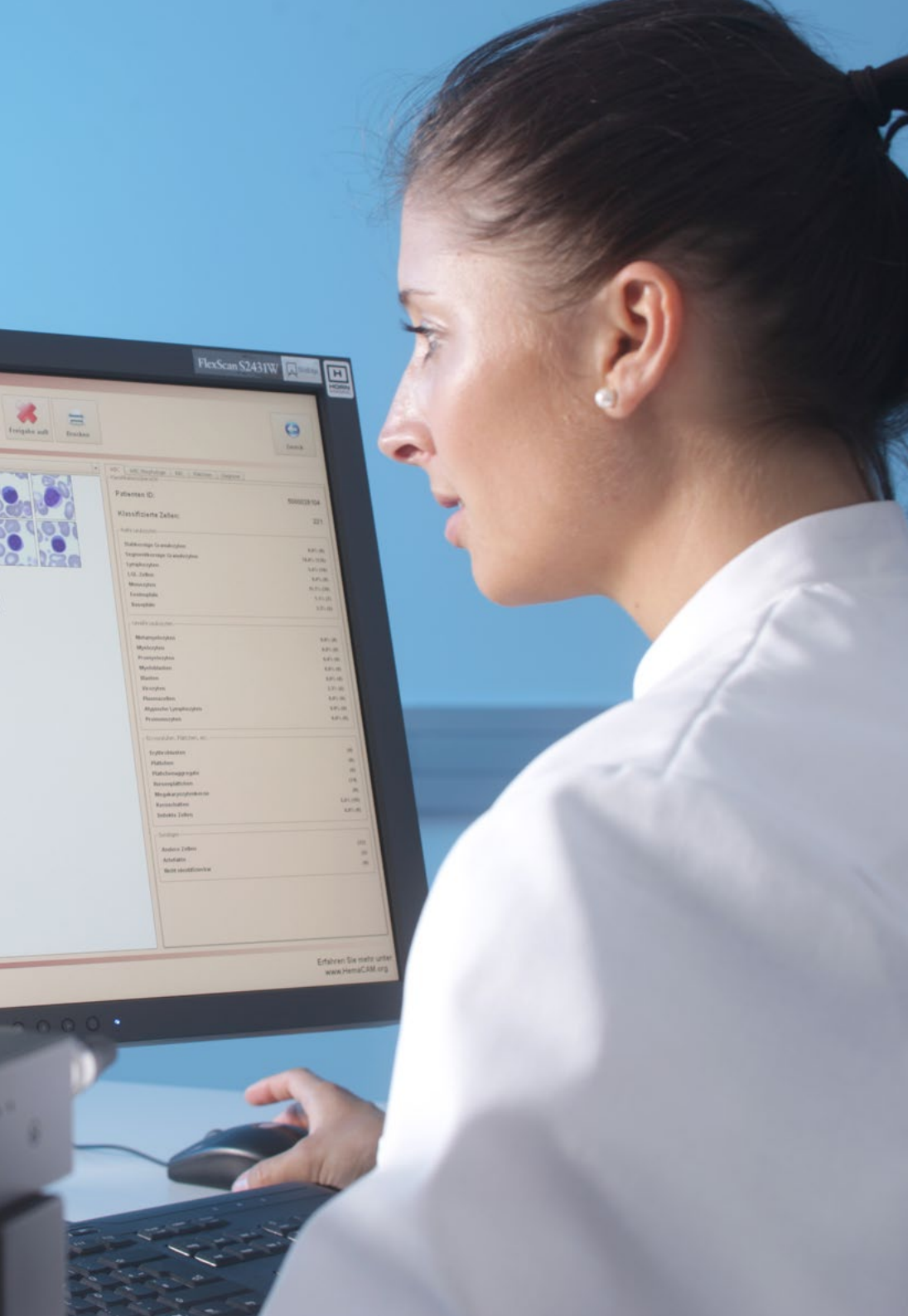
Module 1. Dissemination of Results I, Reports, Memos and Scientific Articles

- 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



Don't think twice and enroll now in a program that addresses future trends in communication and will keep you ahead of the curve"





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

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.





“

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 be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly 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, attempting to recreate the actual conditions in a pharmacist's professional practice.

“

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. Pharmacists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying 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.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

Pharmacists 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 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic 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 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 created specifically for the course by specialist pharmacists who will be teaching the course, so that the didactic development is highly specific and accurate.

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.



Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better understanding. And best of all, you can watch them as many times as you want.



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 unique multimedia content presentation training system 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, we will present you with real case developments in which the expert will guide you through 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 Certificate in Dissemination of 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.



“

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

This **Postgraduate Certificate in Dissemination 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 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 Dissemination of Research Results**

Official N° of hours: **300 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 presentation
development languages
classroom



Postgraduate Certificate

Dissemination of Research Results

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate Dissemination of Research Results