

# Postgraduate Diploma

Viral Hemorrhagic Diseases,  
Arbovirosis and Zoonosis  
for Pharmacists



## Postgraduate Diploma Viral Hemorrhagic Diseases, Arbovirosis and Zoonosis for Pharmacists

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 17 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/pharmacy/postgraduate-diploma/postgraduate-diploma-viral-hemorrhagic-diseases-arbovirosis-zoonosis-pharmacists](http://www.techtute.com/us/pharmacy/postgraduate-diploma/postgraduate-diploma-viral-hemorrhagic-diseases-arbovirosis-zoonosis-pharmacists)

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# 01

# Introduction

Currently, the different types of infectious diseases that exist pose one of the greatest challenges in the pharmaceutical industry, since they cause a large number of deaths per year worldwide. For this reason, pharmacy specialists must keep abreast of new developments in the treatment of these pathologies in order to reduce the number of deaths. Specifically, in this case, students will learn about hemorrhagic viral diseases, arbovirosis and zoonosis. This program will be a great asset for the pharmacy professional when it comes to entering a labor market that is increasingly demanding specialists in the field.



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*It is vital that pharmacy professionals are constantly updating their knowledge in order to carry out their practice with greater guarantees of success”*

The development and spread of bacterial resistance to antibiotics is one of the main problems of infection control in most countries. Therefore, for example, the emergence of pneumococci resistant to penicillin or enterococci resistant to vancomycin, for example, should be recalled. The multitude of resistance cases has raised alarms about a possible global antibiotic crisis.

Another challenge in relation to infectious diseases is the emergence in recent years of several new diseases with high morbidity. of several new diseases with high morbidity in recent years, which requires an important level of updating in order to prevent new infections and reduce the morbidity figures for infections.

Therefore, pharmacy professionals, regardless of where they work, can see in this Postgraduate Diploma the opportunity to take a teaching program that brings together the most advanced and in-depth knowledge of the most important health problems in the field of infectious diseases and microbiology, where a group of professors of high scientific rigor and extensive international experience provides the most complete and up-to-date information on prevention, diagnosis, treatment and care of individual patients and population groups, suffering from the most prevalent and deadly infectious diseases.

In this case, the program focuses on Hemorrhagic Viral Diseases, Arbovirosis and Zoonosis for Pharmacists, in addition to studying different rare infectious diseases that present challenges for infectious diseases.

This **Postgraduate Diploma in Viral Hemorrhagic Diseases, Arbovirosis and Zoonosis for Pharmacists** contains the most complete and up-to-date educational program on the market. The most important features of the training include:

- ♦ Practical cases presented by experts in infectious diseases
- ♦ 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
- ♦ Special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Access to content from any fixed or portable device with an Internet connection.



*This Postgraduate Diploma will help you to train as a pharmacist, in order to provide better care in your daily practice as a pharmacist"*

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*With the Postgraduate Diploma in Viral Hemorrhagic Diseases, Arbovirosis and Zoonosis for Pharmacists, you have the opportunity to update your knowledge in a comfortable way and without renouncing to the maximum scientific rigor”*

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 training programmed to train 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.

*Increase your decision-making confidence thanks to this Postgraduate Diploma.*

*This program can be perfectly combined with your daily life as it is 100% online.*



02

# Objectives

The main objective of the Postgraduate Diploma is the improvement of pharmacy professionals, by helping them acquire the most up-to-date and innovative scientific knowledge in the field of infectious diseases and how they are treated, allowing them to develop the skills that will turn their daily pharmaceutical practice into a benchmark of the standards of the best scientific evidence available, with a critical, innovative, multidisciplinary and integrative sense.

A close-up photograph of a hand wearing a blue nitrile glove holding a glass test tube. The test tube has a white label with the text "Lassa virus - Test" written on it in black. The test tube contains a small amount of red liquid. The background is a blurred document with green text. A large green diagonal shape is overlaid on the bottom left of the image.

Lassa virus - Test



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*You will notice how you improve in your daily practice after completing this Postgraduate Diploma, which will allow you to update your knowledge in Hemorrhagic Viral Diseases, Arbovirosis and Zoonosis for Pharmacists”*



## General Objectives

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- ◆ Explore key aspects of Clinical Infectious Diseases and Advanced Antibiotic Therapeutics
- ◆ Manage the prevention, diagnosis and treatment of infectious diseases
- ◆ Explore a multidisciplinary and integrative approach to facilitate the control of these pathologies
- ◆ Acquire skills in the area of Clinical Infectious Diseases and Advanced Antibiotic Therapeutics
- ◆ Be able to apply the latest technological innovations to establish an optimal management in diagnostics



*Identify and analyze the main control measures for Zoonoses of concern to public health systems worldwide”*





## Specific Objectives

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### Module 1. Epidemiology and microbiology of infectious diseases

- ◆ Understand the epidemiological, economic, social and political conditions of the countries with major infectious diseases
- ◆ Identify the different taxonomies of infectious agents, as well as the properties of microorganisms
- ◆ Explore chemical and physical Agents from microorganisms
- ◆ Become familiar with the indications and interpretations of a microbiological study, understanding all the technical aspects of it

### Module 2. Viral Haemorrhagic Diseases and Arboviruses

- ◆ Quickly identify viral hemorrhagic diseases and the vaccines that target these diseases
- ◆ Be able to understand the diagnostic approach to hemorrhagic diseases
- ◆ Get an overview of the types of hemorrhagic infections that concern the world, such as Dengue, Chikungunya, Zika, among others

### Module 3. Zoonosis

- ◆ Know the generalities of Zoonoses such as their origin and prion causes
- ◆ Identify and analyze the main control measures for Zoonoses of concern to public health systems worldwide
- ◆ Be able to establish an accurate diagnostic picture of some of the infections transmitted by animals, as well as their treatments and clinical picture

### Module 4. Rare Infectious Diseases and Other Challenges in Infectiology

- ◆ Know the generalities of the most common infectious diseases in the world
- ◆ Identify the etiology, clinical picture and diagnosis of the most common diseases in the world
- ◆ Develop the skills necessary to identify new emerging infectious diseases as well as the development of new antibiotics

03

# Course Management

Renowned and recognized pharmacists and medical specialists with numerous publications, teaching experience, and professional experience in many countries, where many of the diseases studied have a high morbimortality participate in the teaching program. The teaching staff is made up of a multidisciplinary team from various medical specialities, such as internal medicine, pediatrics, general surgery, gynecology and obstetrics, microbiology, pathological anatomy, pharmacology, among others.



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*Leading experts in the field have come together to teach pharmacists about the latest developments in Viral Hemorrhagic Diseases, Arbovirosis and Zoonoses”*

## Management



### Dr. Díaz Pollán, Beatriz

- ◆ Faculty Area Specialist La Paz University Hospital
- ◆ Official Doctoral Programme in Clinical Medicine. Rey Juan Carlos University
- ◆ Degree in Medicine and Surgery. Autonomous University of Madrid
- ◆ Master's Degree in Infectious Diseases and Antimicrobial Treatment from CEU - Cardenal Herrera University
- ◆ Postgraduate Certificate in Community and Nosocomial Infections from CEU - Cardenal Herrera University
- ◆ University Expert in Chronic Infectious Diseases and Imported Infections. CEU - Cardenal Herrera University
- ◆ University Expert in Microbiological Diagnosis, Antimicrobial Treatment and Research in Infectious Pathology. CEU - Cardenal Herrera University
- ◆ Faculty Area Specialist San Carlos Clinical Hospital
- ◆ Resident doctor. San Carlos Clinical Hospital

## Professors

### Dr. Arribas López, José Ramón

- ◆ Head of the Infectious Diseases and Clinical Microbiology Unit. La Paz University Hospital
- ◆ Doctor of Medicine. Autonomous University of Madrid
- ◆ Degree in Medicine and Surgery. Complutense University of Madrid
- ◆ Coordinator of the High-Level Isolation Unit. La Paz University Hospital– Carlos III
- ◆ Member Interministerial Committee for the management of the Ebola crisis
- ◆ Head of the AIDS and Infectious Diseases research group at IdiPAZ

### Dr. Ramos, Juan Carlos

- ◆ Doctor at La Paz University Hospital. Madrid
- ◆ Official Doctoral Programme in Medicine. University of Alcalá
- ◆ Degree in Medicine and Surgery. Complutense University of Madrid
- ◆ Master's Degree in Infectious Diseases in Intensive Care. Fundación Universidad-Empresa Valencia
- ◆ Author of Several Scientific Publications

**Dr. Rico, Alicia**

- ◆ Specialist in the Microbiology and Parasitology Department at La Paz University Hospital. Madrid
- ◆ Degree in Medicine from the Complutense University of Madrid.
- ◆ Doctorate Courses at the Complutense University of Madrid
- ◆ Assistant and co-founder of the Infectious Diseases and Clinical Microbiology Unit. La Paz University Hospital. Madrid
- ◆ PROA team member
- ◆ Clinical teaching collaborator. Department of Medicine of the UAM
- ◆ Member of the Infections and Policy Committee. La Paz Hospital
- ◆ Member of SEIMC (the Spanish Society of Infectious Diseases and Clinical Microbiology)
- ◆ Participation in several research projects

**Dr. Loeches Yagüe, María Belén**

- ◆ Specialist in the area of Infectious Diseases at La Paz General University Hospital, Madrid
- ◆ Doctor of Medicine. Autonomous University of Madrid
- ◆ Degree in Medicine. Complutense University of Madrid
- ◆ Master in Theoretical and Practical Learning in Infectious Diseases Complutense University of Madrid
- ◆ Specialised Training in Microbiology and Infectious Diseases, General University Hospital, Gregorio Marañón
- ◆ Professor of Infectious Diseases at the Infanta Sofía University Hospital in Madrid. European University of Madrid

**Dr. Mora Rillo, Marta**

- ◆ Specialist in the area of Infectious Diseases at La Paz University Hospital
- ◆ Clinical Teaching Collaborator in the Department of Medicine. Autonomous University of Madrid
- ◆ Doctor of Medicine. Autonomous University of Madrid.
- ◆ Degree in Medicine and Surgery. University of Zaragoza
- ◆ Master's Degree in Infectious Diseases in Intensive Care. University of Valencia
- ◆ Online Masters in Infectious Diseases and Antimicrobial Treatment CEU Cardenal Herrera University
- ◆ Master's Degree in Tropical Medicine and International Health. Autonomous University of Madrid
- ◆ Expert in Emerging and High-Risk Virus Pathology. Autonomous University of Madrid
- ◆ Expert in Tropical Medicine. Autonomous University of Madrid

# 04

# Structure and Content

The teaching program has been created to provide of the pharmacy professionals with the necessary tools for their daily practice in the treatment of clinical infections. Therefore, the content of this Postgraduate Diploma is composed of the most up-to-date syllabus on the market, which has been developed by leading experts in the field at international level, with the aim of making specialists more accurate in the diagnosis and treatment of this type of infections.







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*This Postgraduate Diploma has the most scientifically rigorous and the highest quality information that you can find on the market”*

## Module 1. Epidemiology and Microbiology of Infectious Diseases

- 1.1. Epidemiological, Economic, Social and Political Conditions in Continents Which Favor the Development of Infectious Diseases
  - 1.1.1. Africa:
  - 1.1.2. America:
  - 1.1.3. Europe and Asia
- 1.2. New and Emerging Diseases By Continent
  - 1.2.1. Morbidity and Mortality From Infectious Diseases in Africa
  - 1.2.2. Morbidity and Mortality From Infectious Diseases in the Americas
  - 1.2.3. Infectious Disease Morbidity and Mortality in Asia
  - 1.2.4. Morbidity and Mortality From Infectious Diseases in Europe
- 1.3. The Taxonomy Of Infectious Agents
  - 1.3.1. Viruses
  - 1.3.2. Bacteria
  - 1.3.3. Fungus
  - 1.3.4. Parasites
- 1.4. Disease-producing Properties of Micro-organisms
  - 1.4.1. Mechanisms of Pathogenicity
  - 1.4.2. Mechanisms of Adhesion and Multiplication
  - 1.4.3. Mechanisms Enabling the Acquisition of Nutrients From The Host
  - 1.4.4. Mechanisms Inhibiting The Phagocytic Process
  - 1.4.5. Mechanisms For Evading The Immune Response
- 1.5. Microscopy and Staining
  - 1.5.1. Microscopes and Types of Microscopes
  - 1.5.2. Composite Stains
  - 1.5.3. Acid-resistant Micro-organism Staining
  - 1.5.4. Staining to Demonstrate Cellular Structures
- 1.6. Cultures and Growth of Micro-organisms
  - 1.6.1. General Culture Mediums
  - 1.6.2. Specific Culture Methods
- 1.7. Effect of Chemical and Physical Agents on Micro-organisms
  - 1.7.1. Sterilisation and Disinfection
  - 1.7.2. Disinfectants and Antiseptics Used in Practice

- 1.8. Molecular Biology and its Importance for the Infectologist
  - 1.8.1. Bacterial Genetics
  - 1.8.2. Polymerase Chain Reaction Tests
- 1.9. Indication and Interpretation of Microbiological Studies

## Module 2. Viral Hemorrhagic Diseases and Arboviruses

- 2.1. Viral Hemorrhagic Diseases
  - 2.1.1. Epidemiology
  - 2.1.2. Classification
  - 2.1.3. Diagnostic Approach to Viral Haemorrhagic Diseases
  - 2.1.4. The Development of Vaccines for New Diseases
  - 2.1.5. Measures for the Control of Viral Haemorrhagic Diseases
- 2.2. Ebola Haemorrhagic Fever
  - 2.2.1. Characteristics and Replicative Cycle of the Virus
  - 2.2.2. Clinical Picture
  - 2.2.3. Diagnosis
  - 2.2.4. Treatment
- 2.3. South American Hemorrhagic Fevers
  - 2.3.1. Characteristics and Replicative Cycle of the Virus
  - 2.3.2. Clinical Picture
  - 2.3.3. Diagnosis
  - 2.3.4. Treatment
- 2.4. Arbovirus:
  - 2.4.1. Epidemiology
  - 2.4.2. Vector Control
  - 2.4.3. Other Arboviruses
- 2.5. Yellow Fever.
  - 2.5.1. Concept
  - 2.5.2. Replicative Cycle of the Virus
  - 2.5.3. Clinical manifestations
  - 2.5.4. Diagnosis
  - 2.5.5. Treatment

- 2.6. Dengue.
  - 2.6.1. Concept
  - 2.6.2. Replicative Cycle of the Virus
  - 2.6.3. Clinical manifestations
  - 2.6.4. Diagnosis
  - 2.6.5. Treatment
- 2.7. Chikungunya
  - 2.7.1. Concept
  - 2.7.2. Replicative Cycle of the Virus
  - 2.7.3. Clinical manifestations
  - 2.7.4. Diagnosis
  - 2.7.5. Treatment
- 2.8. Zika
  - 2.8.1. Concept
  - 2.8.2. Replicative Cycle of the Virus
  - 2.8.3. Clinical manifestations
  - 2.8.4. Diagnosis
  - 2.8.5. Treatment

### Module 3. Zoonosis

- 3.1. General Aspects of Zoonotic Disease
  - 3.1.1. General Concepts and Epidemiology of Zoonoses
  - 3.1.2. Main International Zoonoses
  - 3.1.3. Prion-caused Zoonoses: Prions in Disease Etiology Bovine Spongiform Encephalopathy or (Mad Cow Disease)
  - 3.1.4. Main Control Measures of Zoonotic Diseases
- 3.2. Rabies
  - 3.2.1. Epidemiology
  - 3.2.2. Infectious Agents
  - 3.2.3. Pathobiology.
  - 3.2.4. Clinical Picture
  - 3.2.5. Diagnosis
  - 3.2.6. Treatment

- 3.3. Bird Flue
  - 3.3.1. Epidemiology
  - 3.3.2. Infectious Agents
  - 3.3.3. Pathobiology.
  - 3.3.4. Clinical Picture
  - 3.3.5. Diagnosis
  - 3.3.6. Treatment
- 3.4. Leptospirosis.
  - 3.4.1. Epidemiology
  - 3.4.2. Infectious Agents
  - 3.4.3. Pathobiology.
  - 3.4.4. Clinical Picture
  - 3.4.5. Diagnosis
  - 3.4.6. Treatment
- 3.5. Brucellosis
  - 3.5.1. Epidemiology
  - 3.5.2. Infectious Agents
  - 3.5.3. Pathobiology.
  - 3.5.4. Clinical Picture
  - 3.5.5. Diagnosis
  - 3.5.6. Treatment
- 3.6. Toxoplasmosis
  - 3.6.1. Epidemiology
  - 3.6.2. Infectious Agents
  - 3.6.3. Pathobiology.
  - 3.6.4. Clinical Picture
  - 3.6.5. Diagnosis
  - 3.6.6. Treatment

## Module 4. Rare Infectious Diseases and Other Challenges in Infectology

- 4.1. General Overview of Rare Infectious Diseases
  - 4.1.1. General concepts
  - 4.1.2. Epidemiology of Rare or Uncommon Infectious Diseases
- 4.2. Bubonic Plague.
  - 4.2.1. Definition
  - 4.2.2. Etiology
  - 4.2.3. Clinical Picture
  - 4.2.4. Diagnosis
  - 4.2.5. Treatment
- 4.3. Lyme Disease
  - 4.3.1. Definition
  - 4.3.2. Etiology
  - 4.3.3. Clinical Picture
  - 4.3.4. Diagnosis
  - 4.3.5. Treatment
- 4.4. Babesiosis.
  - 4.4.1. Definition
  - 4.4.2. Etiology
  - 4.4.3. Clinical Picture
  - 4.4.4. Diagnosis
  - 4.4.5. Treatment
- 4.5. Rift Valley Fever
  - 4.5.1. Definition
  - 4.5.2. Etiology
  - 4.5.3. Clinical Picture
  - 4.5.4. Diagnosis
  - 4.5.5. Treatment
- 4.6. Diphyllorhynchiasis
  - 4.6.1. Definition
  - 4.6.2. Etiology
  - 4.6.3. Clinical Picture
  - 4.6.4. Diagnosis
  - 4.6.5. Treatment
- 4.7. Zygomycosis
  - 4.7.1. Definition
  - 4.7.2. Etiology
  - 4.7.3. Clinical Picture
  - 4.7.4. Diagnosis
  - 4.7.5. Treatment
- 4.8. Cysticercosis
  - 4.8.1. Definition
  - 4.8.2. Etiology
  - 4.8.3. Clinical Picture
  - 4.8.4. Diagnosis
  - 4.8.5. Treatment
- 4.9. Kuru
  - 4.9.1. Definition
  - 4.9.2. Etiology
  - 4.9.3. Clinical Picture
  - 4.9.4. Diagnosis
  - 4.9.5. Treatment
- 4.10. The Re-emergence of Old Diseases: Causes and Effects
  - 4.10.1. Emerging and New Infectious Diseases that Demand New Approaches to their Control
  - 4.10.2. The Rise of Microbiological Resistance to Antimicrobial Drugs
  - 4.10.3. Development of New Antibiotics
  - 4.10.4. Training and Success of Infectologists



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*Develop the skills necessary to identify new emerging infectious diseases as well as the development of new antibiotics”*

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

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.



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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. 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 Diploma in Viral Hemorrhagic Diseases, Arbovirosis and Zoonosis for Pharmacists guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Diploma issued by TECH Global University.



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*Successfully complete this training program  
and receive your university certificate without  
travel or laborious paperwork”*

This private qualification will allow you to obtain a **Postgraduate Diploma in Viral Hemorrhagic Diseases, Arbovirosis and Zoonosis for Pharmacists** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Viral Hemorrhagic Diseases, Arbovirosis and Zoonosis for Pharmacists**

Modality: **online**

Duration: **6 months**

Accreditation: **17 ECTS**



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





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