

# Postgraduate Certificate Genito-Urinary Tumors





## Postgraduate Certificate Genito-Urinary Tumors

Course Modality: Online

Duration: 2 months.

Certificate: TECH Technological University

11 ECTS Credits

Teaching Hours: 275 hours.

Website: [www.techitute.com/pk/medicine/postgraduate-certificate/postgraduate-certificate-genito-urinary-tumors](http://www.techitute.com/pk/medicine/postgraduate-certificate/postgraduate-certificate-genito-urinary-tumors)

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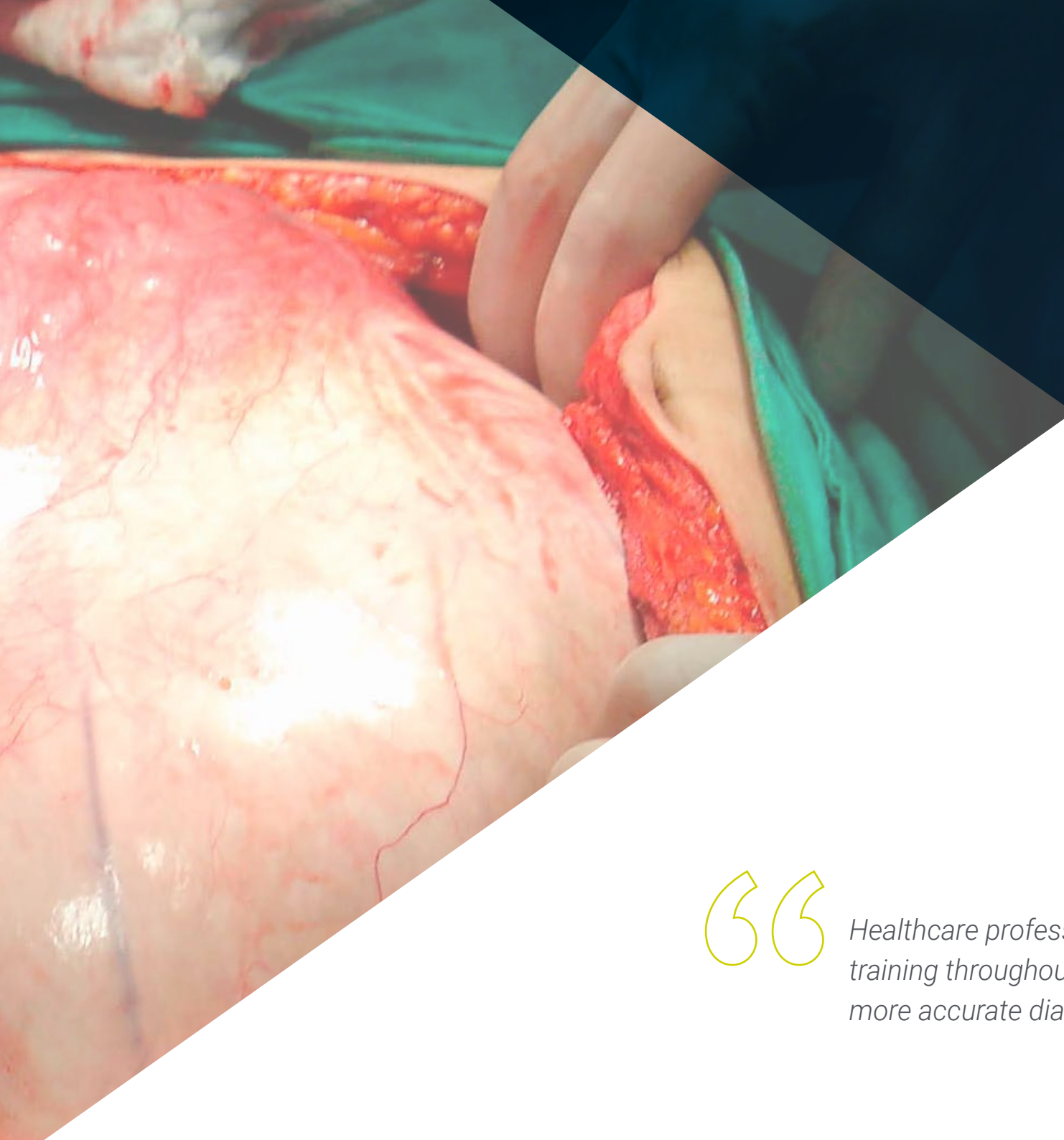
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# 01

# Introduction

Cancer patients are medically complex patients, as they require multidisciplinary care from different healthcare professionals. Scientific advances are allowing more and more cases of success among patients, but these advances require more training for specialists in order to make more effective diagnoses and treatments. In this case, we will delve into the study of genito-urinary tract tumors.





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*Healthcare professionals must continue their training throughout their careers to make more accurate diagnoses”*

The aim of this Postgraduate Certificate in Tumors of the genito-urinary tract is for students to learn the appropriate concepts and international diagnostic criteria for the correct diagnosis and staging of ovarian malignant neoplasms, following the classification of the World Health Organization (WHO/IARC 4th Edition, 2014) and the International Federation of Gynecology and Obstetrics (FIGO).

In this way, specialists will be able to update their knowledge of the tools necessary to carry out an effective and personalized differential diagnosis for each patient. Also included is the study of prostate and seminal vesicle pathologies, with the aim of training professionals with solid knowledge in Uropathology, which will contribute to a better understanding of the etiopathogenesis and pathophysiology of the disease and to improve its treatment.

This Postgraduate Certificate in Tumors of the genito-urinary tract offers the possibility of specializing in the treatment of cancer in the urinary and genital apparatus, both male and female, in order for specialists to acquire the necessary skills to treat oncological diseases that develop in these apparatuses.

The training will allow the development of competencies, skills and abilities for the performance of the profession, taking into account that the patients are children who require different attention and treatment than adults.

This Postgraduate Certificate in Genito-Urinary Tumors contains the most complete and up-to-date scientific program on the market. The most outstanding features of the University Course are:

- ♦ The development of several case studies presented by experts in tumors of the genito-urinary tract.
- ♦ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional
- ♦ The latest news on Tumors of the genito-urinary tract
- ♦ Practical exercises where self-assessment can be used to improve learning.
- ♦ Special emphasis on innovative methodologies in genito-urinary tract tumors.
- ♦ 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



*This is the best training you can get to stay up to date on the latest developments in the treatment of tumors of the genito-urinary tract"*

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*This Postgraduate Certificate may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Genito-Urinary Tumors, you will obtain a Postgraduate Certificate issued by TECH Technological University"*

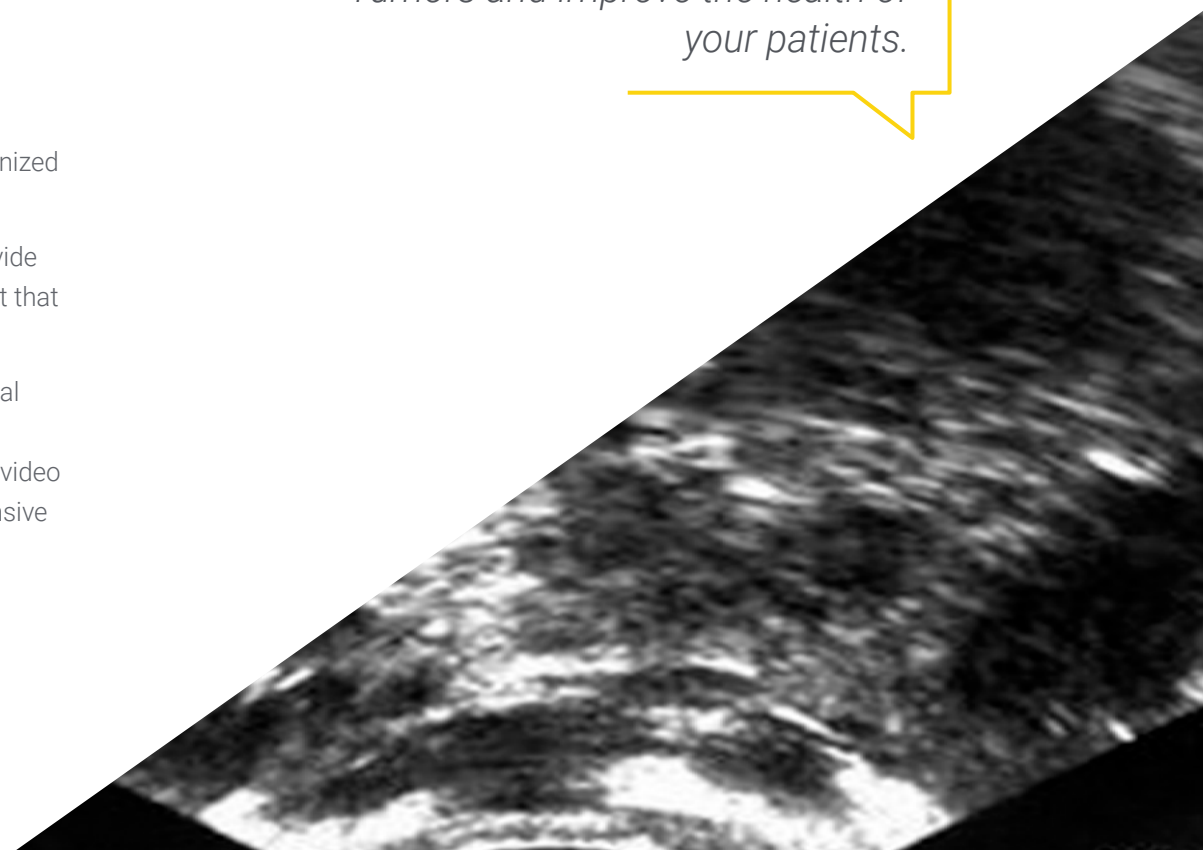
It includes in its teaching staff professionals belonging to the field of genitourinary tumors who pour into this training the experience of their work, in addition to recognized specialists belonging to reference societies and prestigious universities.

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 an immersive training program designed 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 course. For this purpose, the specialist will be assisted by an innovative interactive video system created by renowned experts in the field of genitourinary tumors with extensive medical experience.

*Enhance your professional performance and improve your patients' quality of life.*

*Take the opportunity to learn about the latest advances in Genito-Urinary Tumors and improve the health of your patients.*



# 02 Objectives

The online Postgraduate Certificate in Genito-Urinary Tumors is oriented to facilitate the performance of the professional dedicated to medicine with the latest advances and newest treatments in the sector.







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*This Postgraduate Certificate will allow you to update your knowledge in Genito-Urinary Tumors, with the use of the latest medical technology and scientific advances to contribute to promote the health and quality of life of patients"*



## General Objective

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- ♦ The main goal of this training in Tumors of the genito-urinary tract is that the professional knows the basic principles related to oncology, addressing the tumors that most affect women today, as well as the most cutting-edge treatments and advances.



## Specific Objectives

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- ♦ Recognize the characteristics of malignant neoplasms, their classification according to their histogenesis, as well as aspects related to their biological behavior.
- ♦ Acquire up-to-date knowledge on cancer epidemiological data worldwide.
- ♦ Learn about screening methods in at-risk populations to diagnose cancerous lesions early.
- ♦ Recognize the environmental and occupational factors (mutagenic agents) that are directly and indirectly involved in cancer, and the carcinogenic capacity of some toxic substances found in food.
- ♦ Relate DNA AND RNA viruses known to cause cancer in humans.
- ♦ Expose the mechanisms by which viruses are able to subjugate the normal activity of host cytoplasmic proteins, affecting key points in the control of the cell cycle, cell growth and differentiation, causing severe alterations in cell growth and cancer development.
- ♦ Recognize the role of H. pylori bacteria in the pathogenesis of gastric cancer.
- ♦ Understand cancer as a genetic disease resulting from mutations that accumulate in genes that are critical for the growth and development of somatic cells.
- ♦ Describe the genes associated with cancer, and the importance of DNA analysis to identify individuals, detect predisposing gene polymorphisms, analyze mutations, and establish the diagnosis of cancer as a genetic disease.
- ♦ Recognize the susceptibility genes involved in breast, lung, thyroid, colon, skin, bone, pancreatic, and neuroblastoma cancers, and by what mechanism they participate in tumorigenesis.
- ♦ Know the symptoms and signs that are most frequently related to cancer, as well as the different systems for the staging of tumor disease and their importance
- ♦ Know the phases of the cell cycle, the critical control points, as well as the genes involved in its regulation.
- ♦ Recognize the important role of cell cycle checkpoints and DNA repair systems in maintaining the fidelity and integrity of genome replication and repair, and regulating cell cycle dynamics.
- ♦ Explain the positive and negative feedback regulatory processes that contribute to cell cycle progression, and the significance of negative controls on cell cycle progression that are present during development, differentiation, senescence, and

cell death, which play an important role in preventing tumorigenesis.

- ♦ Identify the difference in gene expression between normal tissue and tumor tissue.
- ♦ Know the stages involved in the transformation of a normal cell to a malignant cell.
- ♦ Recognize the malignant phenotype as the result of a characteristic pattern of gene expression, alterations in the function of the human genome, which cause erratic growth, dedifferentiation, invasion, and metastasis.
- ♦ Characterize the different genes involved in cell cycle regulation (growth-promoting genes, growth-inhibiting genes, genes that regulate apoptosis and genes that repair damaged DNA), and the mutations that alter them.
- ♦ Explain the key role that oncogenes may play in the development of cancer by directing mechanisms that lead to the development of neoplasms.
- ♦ Know tumor suppressor genes as cytoplasmic components capable of reversing the tumor phenotype; proteins that control the cell cycle, proliferation, and differentiation.
- ♦ Identify epigenetic aberrations (DNA methylation with silencing of gene expression, and histone modifications that can enhance or dampen expression), which contribute to the malignant properties of cells.
- ♦ Recognize the role of epigenetic changes in malignant phenotype, including gene expression, control of differentiation, and sensitivity and resistance to anticancer therapy.
- ♦ Know the genes and proteins associated with malignant diseases and their utility as tumor markers to define a particular entity, its diagnosis, staging, prognosis, and screening in the population.
- ♦ Know and apply the different technologies used to analyze the gene expression profile of neoplasms to identify clinical and biological aspects that are difficult

to determine by histopathological examination. Its principles, advantages, and disadvantages.

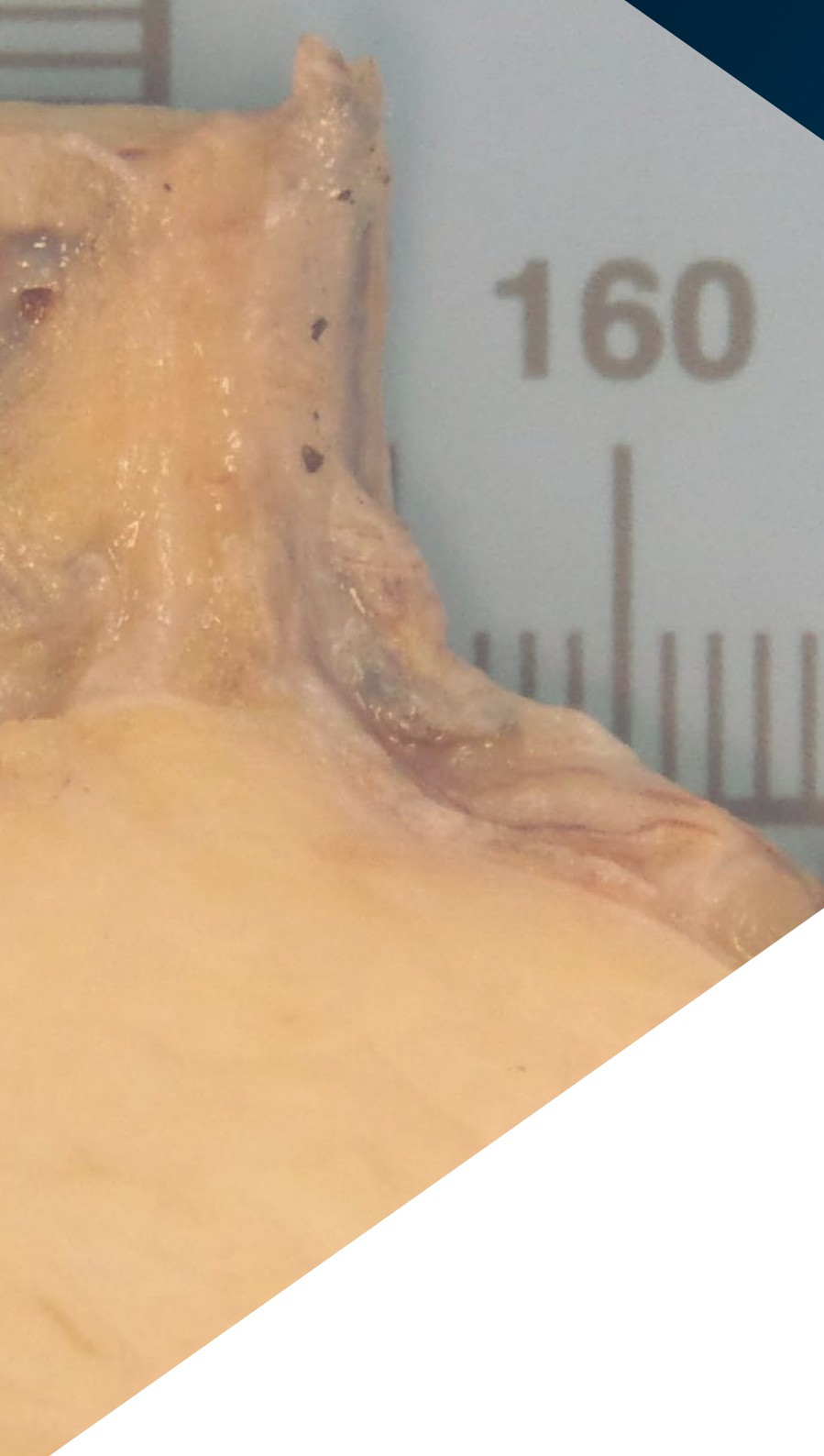
- ♦ Explain the importance of gene expression profiling for the application of different treatment protocols and the response to them among histologically similar tumors.
- ♦ Recognize the importance of gene expression profiling in the new classifications of malignant tumors associated with prognosis and response to treatment.
- ♦ Study of phenotypic expression patterns and molecular pathways involved in carcinogenesis
- ♦ Gain in-depth knowledge of the causes and molecular and cellular mechanisms involved in pathophysiology
- ♦ Acquire an integrative vision in the diagnosis of neoplastic disease
- ♦ Review of developments in the histopathologic classification of ovarian, vulvar, and uterine tumors.

03

# Course Management

The program includes in its teaching staff reference experts in Anatomy and Pathology, who will share the experience of their work in this training. Additionally, other recognized experts have participated in its design and preparation, complementing the program in an interdisciplinary manner.





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*Learn from leading professionals the latest advances in infectious diseases and antibiotic management"*

## International guest conductor

With more than 4 decades of professional career in the area of Pathology, Dr. Ignacio Wistuba is considered an international reference in this complex medical field. This prestigious researcher leads the Department of Translational Molecular Pathology at MD Anderson Cancer Center. He is also Director of the Khalifa Institute for Cancer Personalization, linked to the University of Texas.

In parallel, he directs the Thoracic Molecular Pathology Laboratory, the SPORE Lung Tissue Bank and the Institutional Tissue Bank. In turn, he is Director of the Biorepository and Pathology Core Network at the Eastern Cooperative Oncology Group, in conjunction with the American College of Radiology Imaging Network (ECOG-ACRIN).

One of the main lines of work of this pathologist in recent years has been Genomic and Precision Medicine. His multiple investigations in this field have allowed him to address the origin and complexities of different types of tumors, their incidence and their relationship with specific characteristics of the DNA of individuals. Specifically, he has delved into these issues in relation to lung neoplasms.

On the other hand, Wistuba maintains active research collaborations with other specialists from different parts of the world. An example of this is his participation in an exploratory analysis of cytokine levels in pleural fluid associated with immunotherapeutic protocols with the University for Development in Chile. He is also a member of global teams that, orchestrated by the Australian Royal Prince Alfred Hospital, have investigated different predictive biomarkers of lung cancer.

Likewise, the pathologist has sustained a continuous education since his initial studies in distinguished Chilean universities. Proof of this are his postdoctoral research internships in renowned institutions such as the Southwestern Medical Center and the Simmons Cancer Center in Dallas.



## Dr. Wistuba, Ignacio

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- ♦ President of the Department of Translational Molecular Pathology, MD Anderson Cancer Center
- ♦ Director of the Division of Pathology/Laboratory Medicine at MD Anderson Cancer Center
- ♦ Specialty Pathologist in the Department of Thoracic/Head and Neck Medical Oncology at the University of Texas Medical Center
- ♦ Director, UT-Lung SPORE Tissue Bank
- ♦ Lung Cancer Pathologist for the Lung Cancer Committee at Southwestern Oncology Group (SWOG)
- ♦ Principal Investigator on several studies conducted by the Cancer Prevention and Research Institute of Texas
- ♦ Principal Investigator of the Translational Genomics and Precision Cancer Medicine Training Program at NIH/NCI
- ♦ Postdoctoral Fellow at the Hamon Center for Therapeutic Oncology Research Center
- ♦ Postdoctoral Fellow at Southwestern Medical Center and Simmons Cancer Center

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*Thanks to TECH, you will be able to learn with the best professionals in the world”*

## Management



### Dr. Rey Nodar, Severino

- ◆ Head of the pathological anatomy service at University Hospital Manises, Synlab Europe. Valencia, Spain.
- ◆ President of FORESC and FEBIP (Foundation for Sciences and Research USA/ Spanish Foundation for Training in Biomedical Sciences and Oncologic Pathology).
- ◆ Doctor Honoris Causa 2012 at Bircham International University, USA.
- ◆ Chief Editor of Journal of Cancer and Tumor international.
- ◆ Member of the Editorial Board of 6 international journals (topics related to oncopathology).
- ◆ Author: Glands Thyroid Pathology. Ed. Bubok 2012 y Endocrine Pathology. Text and Atlas. Ed. EdStudios, Spain, 2018.
- ◆ Member of the New York Academy of Sciences (Sciences Academy of NY), 2011.
- ◆ Member of The Pathologist's 2019 Power List where recognition is given to the top 100 pioneers in the industry. (The Power List 2019 ) <https://thepathologist.com/power-list/2019>



## Professors

### **Dr. Abreu Marrero, Alette Rosa**

- ♦ Imaging Specialist at Maputo Private Hospital. Lenmed
- ♦ Professor of Radiology Institute at Camaguey's Medical Sciences Institute..

### **Dr. Aldecoa Anzorregui, Iban**

- ♦ Neuropathology Expert
- ♦ Specialist in Anatomy and Pathology
- ♦ Barcelona Clinical Hospital.

### **D. Archila Sanz, Iván**

- ♦ Anatomic Pathology Service.
- ♦ Barcelona Clinical Hospital.

### **D. Ballester Lozano, Gabriel**

- ♦ Anatomic Pathology Service.
- ♦ Molecular Biologist at Vinalopó Hospital
- ♦ Ribera Salud Group.

### **Dr. Barbella, Rosa Angélica**

- ♦ Expert in breast pathology.
- ♦ Anatomopathologist attached to the Pathology Anatomy Service
- ♦ Albacete General Hospital.
- ♦ Resident tutor. Faculty of Medicine, Castilla La Mancha University.

### **Dr. Buendía Alcaraz, Ana**

- ♦ Anatomic Pathology Service.
- ♦ Los Arcos del Mar Menor University Hospital (San Javier, Murcia).

### **Dr. Cuatrecasas Freixas, Miriam**

- ♦ Specialist in Anatomy and Pathology Barcelona Clinical Hospital
- ♦ Expert and Consultant in Gastrointestinal Pathology.
- ♦ Coordinator of the Digestive Pathology SEAP working group.. Coordinator of the Catalan Network of Tumor Banks (XBTC) and the Tumor Bank Clinic Hospital-IDIBAPS..
- ♦ IDIBAPS researcher

### **Dr. Fernández Vega, Iván**

- ♦ Neuropathologist of the Anatomy and Pathology Department
- ♦ Central University Hospital of Asturias. Oviedo Spain.

### **Dr. García Yllán, Verónica**

- ♦ Specialist in Pathological Anatomy and Master in Medicine and Education.
- ♦ Inscanner in Medical Service.

**Dr. Labiano Miravalles, Tania**

- ♦ Cytology Expert.
- ♦ Specialist in Pathological Anatomy.
- ♦ Pamplona Hospital Complex, Navarra.

**Dr. Machado, Isidro**

- ♦ Specialist in Pathological Anatomy.
- ♦ Valencian Institute of Oncology (IVO), Valencia, Spain.
- ♦ Expert in Soft Tissue Pathology and Sarcomas.

**Dr. Ortiz Reina, Sebastián**

- ♦ Specialist in Pathological Anatomy.
- ♦ University Specialist in Electron Microscopy at Madrid Complutense University.
- ♦ University Specialist in Dermatopathology at Alcalá de Henares University.
- ♦ Associate Professor of Health Sciences in the subject of Pathological Anatomy at Madrid Complutense University.
- ♦ Lecturer in Histology and Cell Biology at the University School of Nursing at the Murcia University.
- ♦ University professor of practices for students of the career of Medicine at Murcia Catholic University.
- ♦ Tutor of residents of Anatomy Pathology of the University Complex of Cartagena.

**Dr. Ribalta, Teresa**

- ♦ Anatomy and Pathology Professor, Barcelona University.
- ♦ Expert in Neuropathology, currently Pediatric Pathology.
- ♦ Head of the Anatomy and Pathology Department, Sant Joan de Déu Hospital, Barcelona, Spain.

**Dr. Rojas Ferrer, Nohelia**

- ♦ Specialist in Anatomy and Pathology.
- ♦ Vinalopó and Torrevieja University Hospitals.

**D. Rubio Fornés, Abel**

- ♦ Mathematician.
- ♦ Postgraduate Diploma in Statistics and Operations Research. University of Valencia.

**D. Sansano Botella, Magdalena Maria**

- ♦ Degree in Criminology at the Alicante University..
- ♦ Technician specializing in Anatomy and Pathology, Alicante University..
- ♦ Vinalopó Hospital Pathology Anatomy Service.

**Dr. Serrano Jiménez, María**

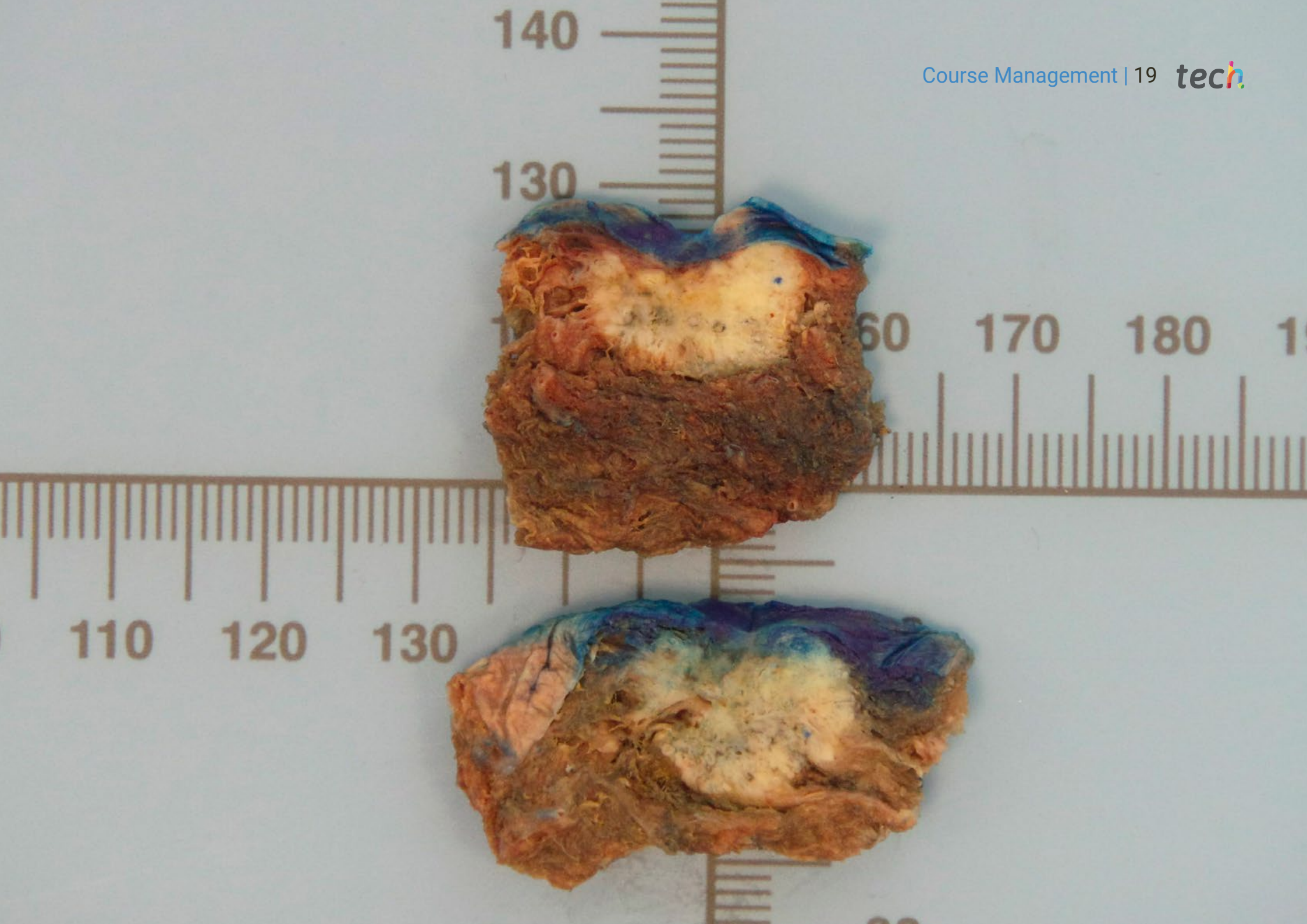
- ♦ Physician of anatomy and pathology service.
- ♦ Vinalopó Hospital

**Dr. Soto García, Sara**

- ♦ Faculty Specialist.
- ♦ Torrevieja and Vinalopó University Hospitals.

**Dr. Sua Villega, Luz Fernanda**

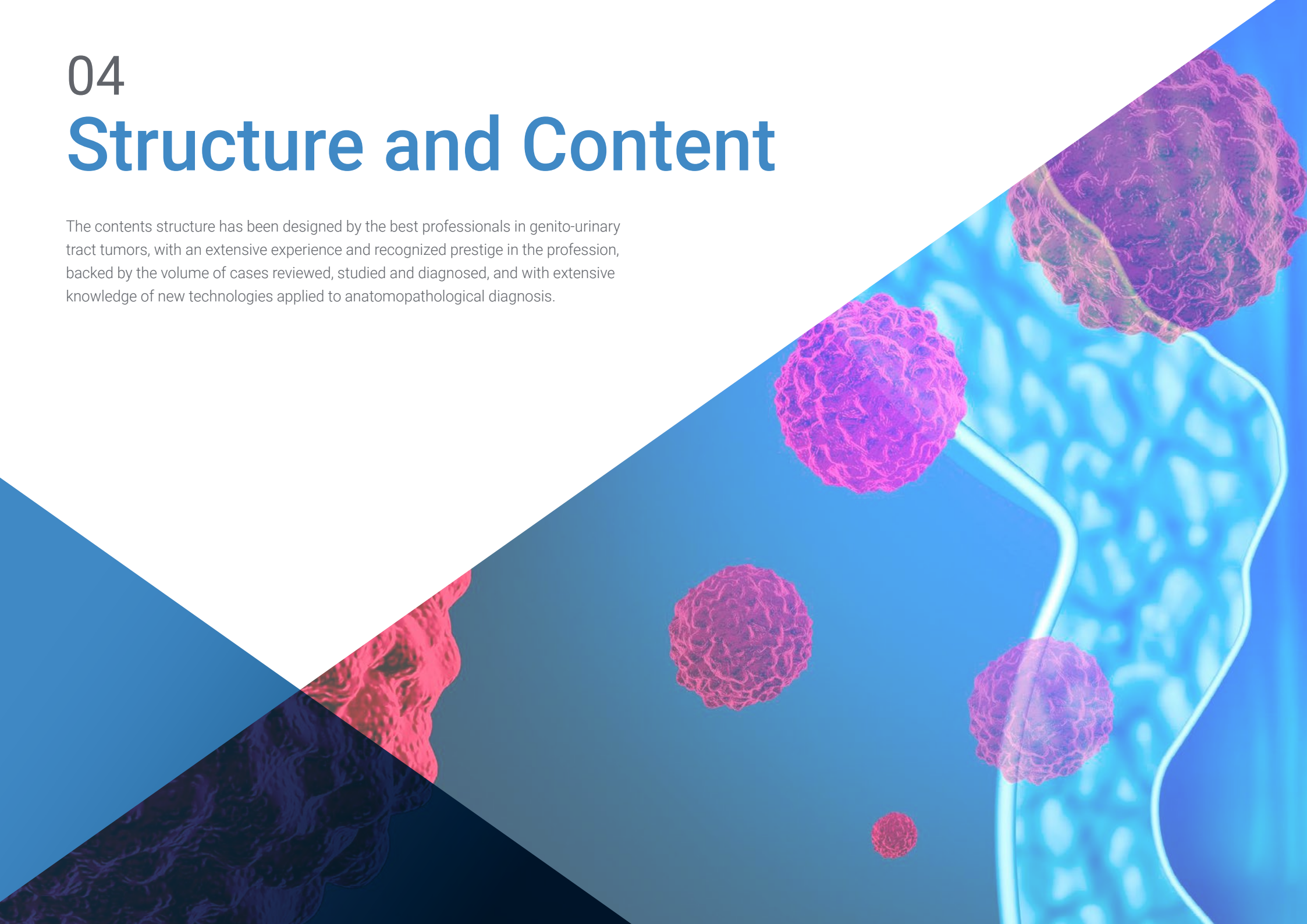
- ♦ Specialist in Pathological Anatomy.
- ♦ Specialist in Clinical Pathology.
- ♦ D. in Biomedical Sciences with emphasis in Solid Tumor Genomics..
- ♦ Special Hematology and Hemostasis Laboratory Medical Leader.
- ♦ Department of Pathology and Laboratory Medicine at the Valle del Lili Foundation..



# 04

# Structure and Content

The contents structure has been designed by the best professionals in genito-urinary tract tumors, with an extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and diagnosed, and with extensive knowledge of new technologies applied to anatomopathological diagnosis.





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*This Postgraduate Certificate in Genito-Urinary Tumors contains the most complete and up-to-date scientific program on the market”*

## Module 1. Cancer General Aspects. Risk Factors

### 1.1. Introduction.

- 1.1.1. Overview of Malignant Neoplasms
  - 1.1.1.1. Nomenclature
  - 1.1.1.2. Features
  - 1.1.1.3. How Metastases Spread
  - 1.1.1.4. Prognostic Factors
- 1.1.2. Epidemiology of Cancer
  - 1.1.2.1. Incidence
  - 1.1.2.2. Prevalence
  - 1.1.2.3. Geographical Distribution
  - 1.1.2.4. Risk factors
  - 1.1.2.5. Prevention
  - 1.1.2.6. Early Diagnosis.
- 1.1.3. Mutagenic Agents.
  - 1.1.3.1. Environmental.
  - 1.1.3.2. Work
  - 1.1.3.3. Toxic Substances in Food
- 1.1.4. Biological Agents and Cancer
  - 1.1.4.1. RNA Virus.
  - 1.1.4.2. DNA Virus.
  - 1.1.4.3. H. pylori.
- 1.1.5. Genetic Predisposition
  - 1.1.5.1. Genes Linked to Cancer
  - 1.1.5.2. Susceptibility of Genes
    - 1.1.5.2.1. Breast Tumors
    - 1.1.5.2.2. Lung Tumors
    - 1.1.5.2.3. Thyroid Tumors
    - 1.1.5.2.4. Colon Tumors
    - 1.1.5.2.5. Skin Tumors
    - 1.1.5.2.6. Bone Tumors
    - 1.1.5.2.7. Pancreatic Tumors
    - 1.1.5.2.8. Neuroblastoma.

### 1.1.6. Clinical Aspects of Malignant Neoplasms

- 1.1.6.1. Introduction
- 1.1.6.2. Basic Principles
- 1.1.7. Staging of neoplastic disease
  - 1.1.7.1. Introduction
  - 1.1.7.2. Update

## Module 2. Molecular Basis of Cancer

- 2.1. Introduction to the Molecular Basis of Cancer
- 2.2. Genes and the Genome
  - 2.2.1. The Main Cell Signaling Pathways
  - 2.2.2. Cell Growth and Proliferation
  - 2.2.3. Cell Death. Necrosis and Apoptosis
- 2.3. Mutations.
  - 2.3.1. Types of Mutations. Frameshift; Indels, Translocations, SNV; Missense, Nonsense, CNV, Driver vs. Passenger
  - 2.3.2. Mutagens.
    - 2.3.2.1. Biological Agents and Cancer
  - 2.3.3. Mutation Repair Mechanisms
  - 2.3.4. Mutations with Pathological and Non-Pathological Variants
- 2.4. Major Advances in Precision Medicine
  - 2.4.1. Tumor Biomarkers
  - 2.4.2. Oncogenes and Tumor Suppressor Genes
  - 2.4.3. Diagnostic Biomarkers.
    - 2.4.3.1. Resistance.
    - 2.4.3.2. Prognosis
    - 2.4.3.3. Pharmaco-Genomics
  - 2.4.4. Cancer Epigenetics
- 2.5. Main Techniques in the Molecular Biology of Cancer
  - 2.5.1. Cytogenetics and FISH (Fluorescence In Situ Hybridization)
  - 2.5.2. DNA Extract Quality
  - 2.5.3. Fluid Biopsy
  - 2.5.4. PCR as a Basic Molecular Tool
  - 2.5.5. Sequencing, NGS

**Module 3. Tumors of the Genito-Urinary Tract**

- 3.1. Ovario (Dr. María Serrano)
  - 3.1.1. Epidemiology
    - 3.1.1.1. Hereditary Ovarian Cancer
  - 3.1.2. Classification
    - 3.1.2.1. Updating and Concepts
    - 3.1.2.2. Epithelial Ovarian Tumors
    - 3.1.2.3. Pathogenesis.
    - 3.1.2.4. Histological Subtypes
    - 3.1.2.5. Immunohistochemistry.
    - 3.1.2.6. Molecular Characteristics.
  - 3.1.3. Ovarian Stromal Tumors
    - 3.1.3.1. Histological Subtypes
    - 3.1.3.2. Immunohistochemistry.
    - 3.1.3.3. Molecular Characteristics.
  - 3.1.4. Ovarian Germ Cell Tumors
    - 3.1.4.1. Histological Subtypes
    - 3.1.4.2. Immunohistochemistry.
    - 3.1.4.3. Molecular Characteristics.
  - 3.1.5. Immunotherapy
    - 3.1.5.1. The Role of the Pathologist in Therapeutic Targets for Ovarian Cancer
- 3.2. Vulva (Dr. Sara Soto)
  - 3.2.1. Precursor Lesions of Vulvar Carcinoma
    - 3.2.1.1. New Terminology.
  - 3.2.2. Types of Vulvar Epithelial Carcinomas
    - 3.2.2.1. Update
  - 3.2.3. TNM/FIGO Classification
    - 3.2.3.1. Update
- 3.2.4. Other Malignant Neoplasms
- 3.3. Uterus (Dr. Sara Soto)
  - 3.3.1. OMS Classification
    - 3.3.1.1. Update
  - 3.3.2. Types of Uterine Epithelial Carcinomas
    - 3.3.2.1. Immunohistochemistry.
    - 3.3.2.2. Molecular Aspects
  - 3.3.3. Uterine Sarcomas
    - 3.3.3.1. Update
  - 3.3.4. Other Malignant Uterine Neoplasms
    - 3.3.4.1. Update
  - 3.3.5. TNM/FIGO Classification
    - 3.3.5.1. Update
- 3.4. Prostatic and Seminal Vesicle Pathology. Dr. Josefa Herrero)
  - 3.4.1. Prostate Histopathology
    - 3.4.1.1. Non-Tumorous Lesions.
    - 3.4.1.2. "Premalignant" Lesions
    - 3.4.1.3. Malignant Prostate Lesions
  - 3.4.2. Seminal Vesicle Neoplasia
  - 3.4.3. General Aspects of Histological Processing, Histochemistry, and Immunohistochemistry
  - 3.4.4. Basis of Prostate Molecular Pathology, Precision Medicine, and Quality



*A unique, key, and decisive  
Training experience to boost your  
professional development”*

05

# Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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 would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you 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 potential 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 professional medical 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 grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on 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.



## Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

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.



*The physician 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 250,000 physicians 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.

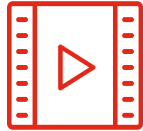
*Re-learning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

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

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



In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



#### Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### Interactive Summaries

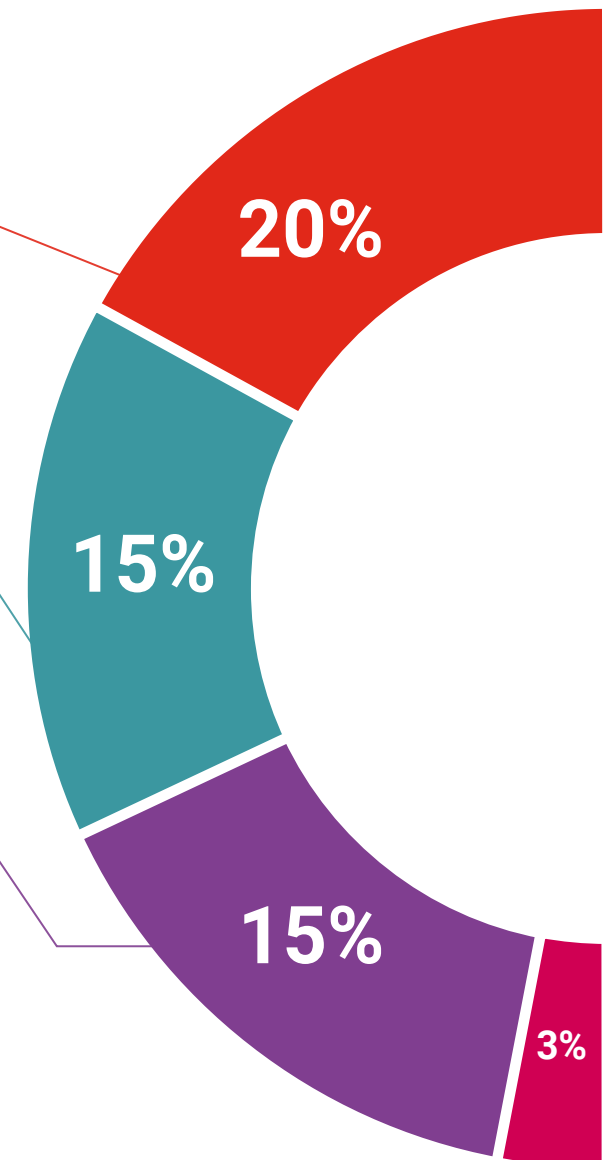
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

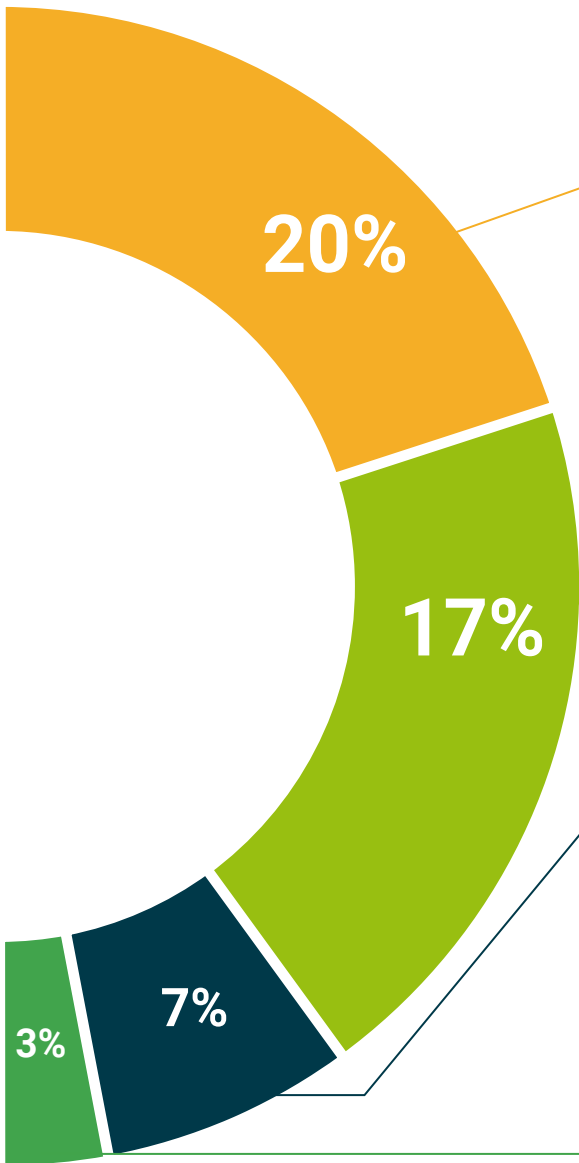
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



#### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





**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 & Re-testing**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our future difficult decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



06

# Certificate

This **Postgraduate Certificate in Genito-Urinary Tumors** guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by **TECH Technological University**.





“

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

This **Postgraduate Certificate in Genito-Urinary Tumors** contains the most complete and up-to-date scientific program on the market.

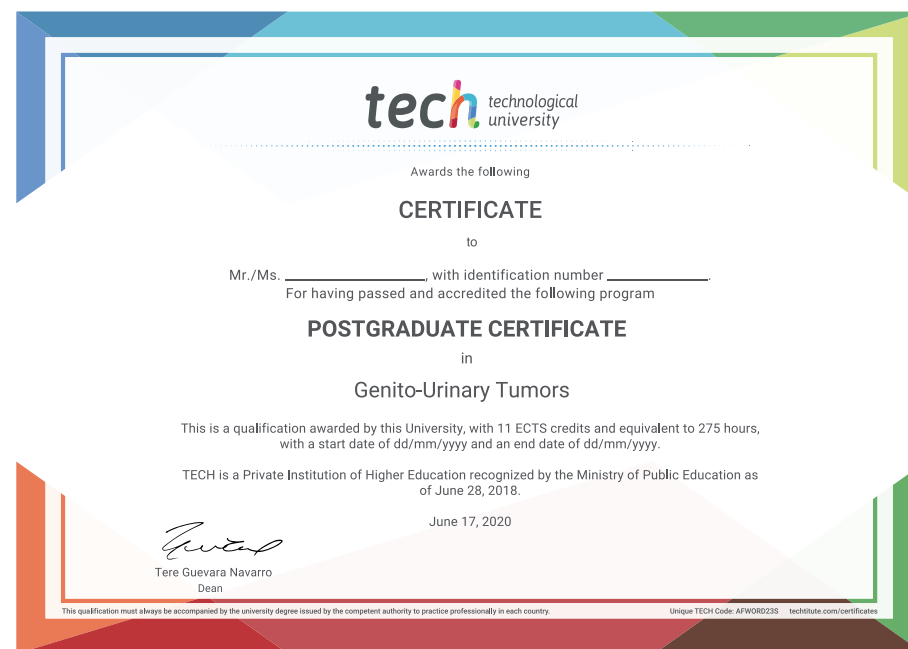
After the student has passed the assessments they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via **tracked delivery**.

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

**Title: Postgraduate Certificate in Genito-Urinary Tumors**

**ECTS: 11**

**Official Number of Hours: 275**



\*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.

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



## Postgraduate Certificate Genito-Urinary Tumors

Course Modality: Online

Duration: 2 months.

Certificate: TECH Technological University

11 ECTS Credits

Teaching Hours: 275 hours.

# Postgraduate Certificate Genito-Urinary Tumors

