

# Professional Master's Degree Neuro-Oncology

Endorsed by:





## Professional Master's Degree Neuro-Oncology

- » Modality: Online
- » Duration: 12 months.
- » Certificate: TECH Global University
- » Accreditation: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/medicine/professional-master-degree/master-neuro-oncology](http://www.techtute.com/us/medicine/professional-master-degree/master-neuro-oncology)

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# 01

# Introduction to the Program

Neuro-Oncology offers a field of constant innovation, driven by advances in the diagnosis and treatment of tumors in the central and peripheral nervous system. In this context, improvements in neuroimaging, biomarkers, and targeted therapies have enabled more precise and personalized approaches, optimizing both prognosis and quality of life for patients. However, the incidence of Primary Brain Tumors remains significant, with a rate of 3.9 cases per 100,000 inhabitants annually, according to the World Health Organization. Therefore, continuous updating on the latest scientific and clinical developments is crucial. Therefore, this university program from TECH establishes itself as an essential reference, providing specialized tools for those seeking to deepen their knowledge in this field.





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*Become a specialist in Neuro-Oncology with this 100% online Professional Master's Degree”*

The clinical and scientific approach to Brain Tumors has gained extraordinary relevance in the field of Medicine, primarily due to their intrinsic complexity and the growing incidence of this condition. Moreover, the identification of molecular mechanisms of cancer, along with the application of innovative strategies in diagnosis and treatment, has led to substantial advances in survival rates and quality of life. Furthermore, the implementation of approaches such as immunotherapy, tumor microenvironment reprogramming, and liquid biopsies shows promise and is redefining how we approach these diseases. As a result, the evolution of radiology, neurosurgery, and pharmacological therapies has driven the development of more precise and personalized alternatives, increasing the demand for highly specialized professionals.

In response, TECH has designed a syllabus that allows for an in-depth understanding of key aspects of Neuro-Oncology, covering everything from biological fundamentals to the most advanced clinical intervention strategies. Through structured modules, the program delves into the biology of Brain Tumors, as well as the application of magnetic resonance imaging techniques. It also examines innovations in surgery and intraoperative neuromonitoring, and addresses principles of radiotherapy and pharmacological management through clinical trials and precision medicine-based strategies. As a result, the integration of this knowledge fosters the development of a comprehensive perspective applicable to various age groups, with a particular focus on the pediatric population.

Subsequently, this university program creates a comfortable and academic environment designed to maximize knowledge acquisition through a 100% online model, with continuous access 24/7 from any internet-connected device. Additionally, the platform integrates complementary educational resources that enhance autonomous and collaborative learning, promoting the exchange of professional experiences.

Finally, the program will feature prestigious International Guest Directors who will offer exclusive Masterclasses.

This **Professional Master's Degree in Neuro-Oncology** contains the most complete and up-to-date university program on the market. Its most notable features are:

- ♦ The development of practical case studies presented by experts in Neuro-Oncology
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*This exclusive university degree combines the latest research in Neuro-Oncology with innovative Masterclasses delivered by renowned International Guest Directors.*

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*You will deepen your understanding of the approach to Primary and Metastatic Tumors of the central nervous system”*

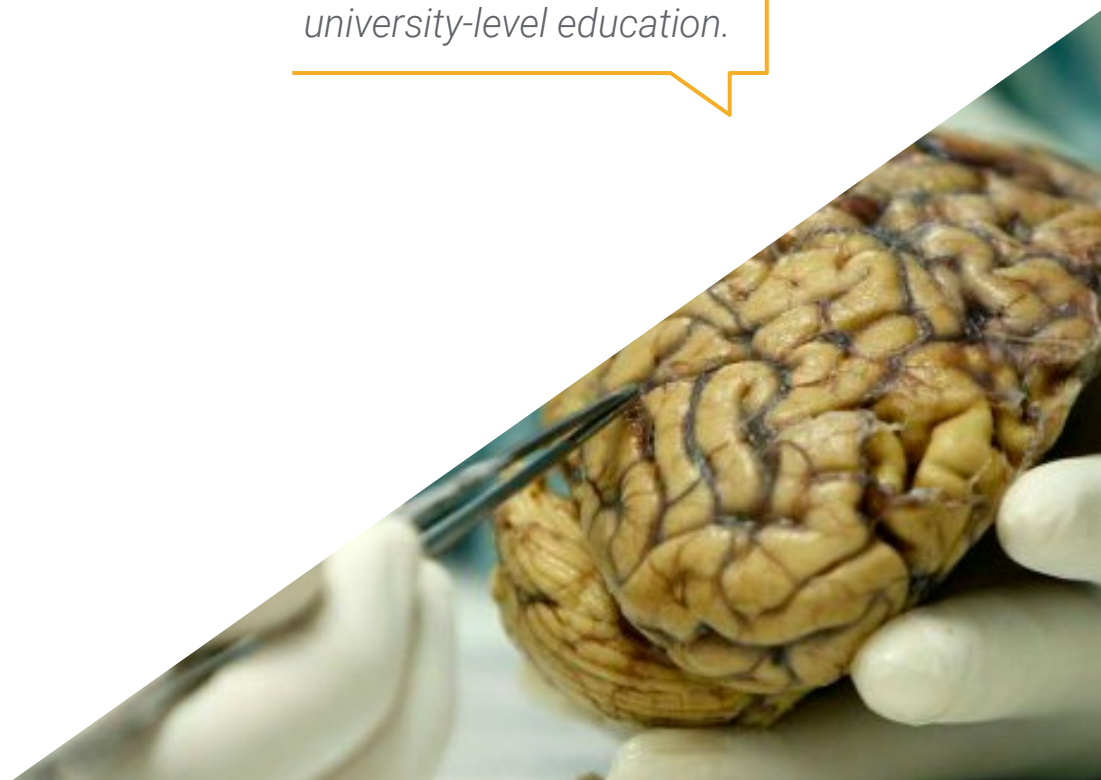
The program includes a teaching staff of professionals from the field of Oncology Medicine, who bring their work experience to this program, as well as recognized specialists from leading societies and prestigious universities.

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 an immersive learning experience designed to prepare for real-life situations.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will have access to a wide range of innovative multimedia resources, such as infographics, explanatory videos, and specialized readings.*

*Thanks to the Relearning method, you will reinforce the key concepts offered by this university-level education.*



02

# Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.





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*Study at the largest online university in the world and ensure your professional success. The future begins at TECH”*

**The world's best online university, according to FORBES**

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

**Forbes**

The best online university in the world

The most complete **syllabus**

**The most complete syllabuses on the university scene**

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

**The best top international faculty**

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

**TOP**  
international faculty



The most effective methodology

**A unique learning method**

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

**The world's largest online university**

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.

**World's No.1**  
The World's largest online university

### The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

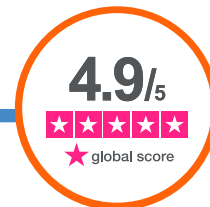
### Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



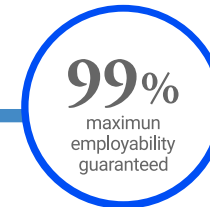
### Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



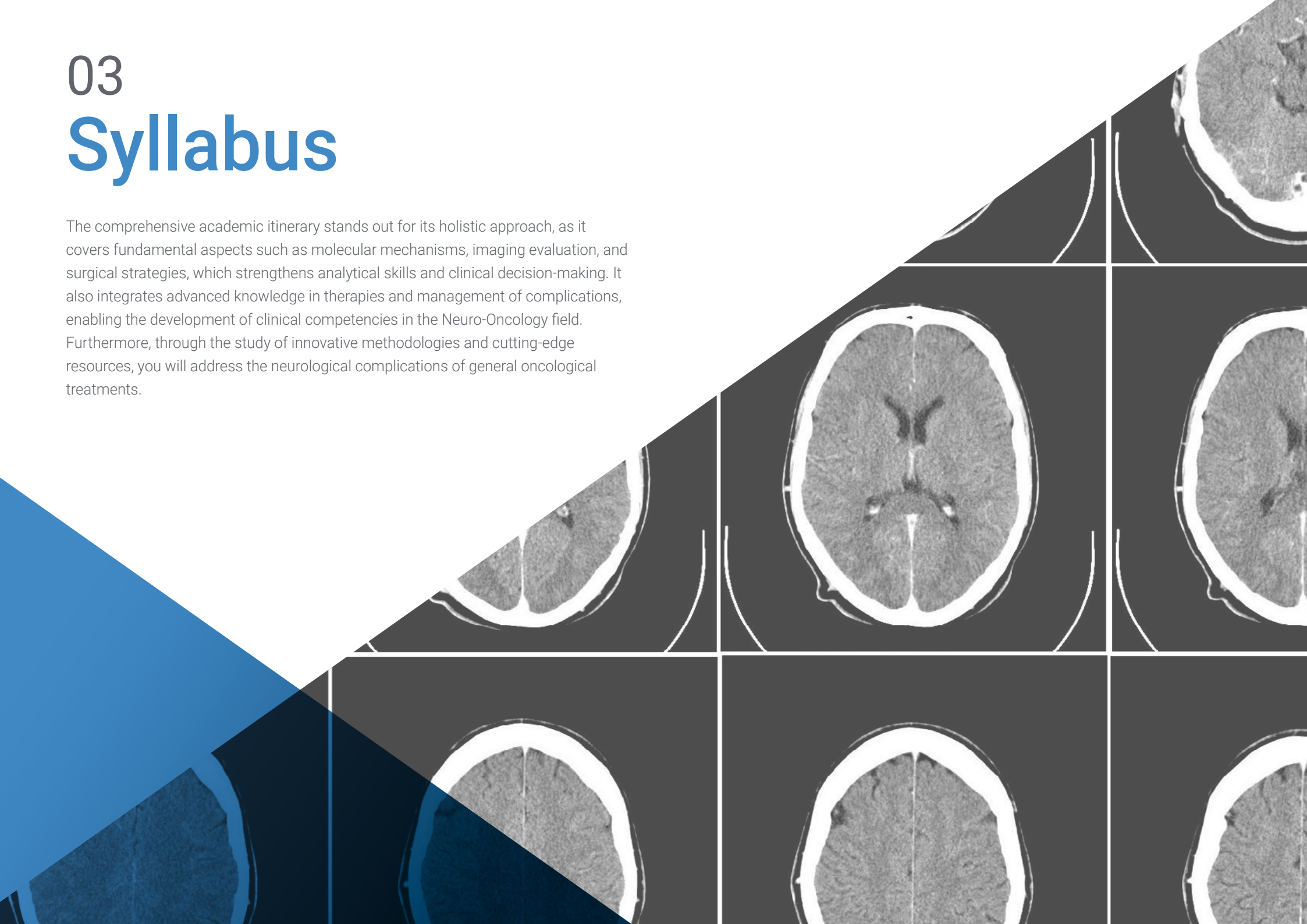
### The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



# 03 Syllabus

The comprehensive academic itinerary stands out for its holistic approach, as it covers fundamental aspects such as molecular mechanisms, imaging evaluation, and surgical strategies, which strengthens analytical skills and clinical decision-making. It also integrates advanced knowledge in therapies and management of complications, enabling the development of clinical competencies in the Neuro-Oncology field. Furthermore, through the study of innovative methodologies and cutting-edge resources, you will address the neurological complications of general oncological treatments.





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*You will also explore  
Paraneoplastic Syndromes  
with an interdisciplinary  
perspective”*

### Module 1. Epidemiology and Molecular Biology in Brain Tumor Diagnosis

- 1.1. Molecular Mechanisms of Cancer
- 1.2. Tumor Immunology: Foundations of Cancer Immunotherapy
- 1.3. Reprogramming the Tumor Microenvironment
- 1.4. Epidemiology of Primary Brain Tumors in Adults
- 1.5. Neuropathology of Primary Central Nervous System Tumors
- 1.6. Neuropathology of Metastases and Complications of Systemic Tumors
- 1.7. Role of the Biobank in Clinical Research
- 1.8. Molecular Classification of Brain Tumors
- 1.9. What is the Future of Molecular Diagnosis for Brain Tumors?
- 1.10. Understanding New Technology: *Next-Generation Sequencing (NGS)* in Clinical Practice
- 1.11. Immunotherapy and Biomarkers
- 1.12. Liquid Biopsies: Fad or Future?

### Module 2. Radiology and Radiotherapeutic and Pharmacological Management of Brain Tumors

- 2.1. Magnetic Resonance Imaging: Part 1 - MRI of Primary Central Nervous System Tumors
- 2.2. Magnetic Resonance Imaging: Part 2 - MRI of Central Nervous System Metastases
- 2.3. New MRI Techniques in Neuro-Oncology
- 2.4. MRI as a Prognostic and Monitoring Tool in Treatment
- 2.5. PET-CT and PET-MRI in Glioma Management
- 2.6. Computed Tomography (CT) in the Approach to Neuro-Oncological Complications
- 2.7. Role of Nuclear Medicine in Diagnosing Neuro-Oncological Complications
- 2.8. Radiotherapy Management of Primary Brain Tumors
- 2.9. Radiotherapy Management of Brain Metastases
- 2.10. Clinical trials: New Concepts Based on Precision Medicine
- 2.11. Clinical Trial Results and Meta-Analyses with the Greatest Impact on Clinical Practice in Brain Tumors
- 2.12. Real World Data Studies: Generating Knowledge



**Module 3. Neurosurgical Foundations of Brain Tumors**

- 3.1. General Surgical Strategy in the Treatment of Patients with Primary Brain Tumors
- 3.2. Neuromonitoring in Surgery for Primary Brain Tumors
- 3.3. Neuromonitoring in Surgery for Brainstem and Spinal Cord Tumors
- 3.4. New Technologies Supporting Surgical Treatment
- 3.5. Awake Surgery. Indications
- 3.6. Awake Surgery. Anesthetic Considerations
- 3.7. Awake Surgery. Protocols for Preparation and Neuropsychological Evaluation
- 3.8. Surgery in Special Locations: Supplementary Motor Area
- 3.9. Surgery in Special Locations: Language Preservation

**Module 4. Diagnostic and Therapeutic Algorithms for Brain Tumors**

- 4.1. Low-Grade Gliomas: Latest Developments in Diagnosis and Treatment
- 4.2. Current Results in Gliomas with Checkpoint Inhibitors
- 4.3. Management of Brainstem Gliomas
- 4.4. Management of Spinal Cord Gliomas
- 4.5. Treatment Algorithm for Anaplastic Astrocytoma
- 4.6. Treatment Algorithm for Low-Grade Oligodendroglioma
- 4.7. Treatment Algorithm for High-Grade Oligodendroglioma
- 4.8. Treatment Algorithm for Glioblastoma Multiforme
- 4.9. Anti-Angiogenic Treatment for Glioblastoma Multiforme
- 4.10. Immunotherapy Treatment for Glioblastoma Multiforme
- 4.11. Evaluation of Immunotherapy Efficacy in Neuro-Oncology
- 4.12. Monitoring and Management of Immune System-Related Adverse Events
- 4.13. Treatment of Primary Brain Tumors in the Elderly

**Module 5. Brain Tumors and Neuro-Oncological Complications in Pediatric Age. Cerebral and Leptomeningeal Metastases**

- 5.1. Brain Tumors in the Early Decades of Life: Epidemiology and Considerations on Histology and Prognosis
- 5.2. Brain Tumors in the Early Decades of Life: Considerations on Surgery and Perioperative Management
- 5.3. Oncological Treatment of Primary CNS Tumors in Childhood
- 5.4. Neuro-Oncological Complications in Children with Systemic Cancer
- 5.5. Diagnostic and Therapeutic Algorithm for Cerebral Metastases
- 5.6. Role of Surgery and Radiosurgery in the Treatment of Cerebral Metastases
- 5.7. Role of Chemotherapy in the Treatment of Cerebral Metastases
- 5.8. Immunotherapy Treatment for Cerebral Metastases
- 5.9. Leptomeningeal Metastases as a Complication of Systemic Tumors
- 5.10. Spinal Cord Involvement as a Complication of Systemic Tumors
- 5.11. Peripheral Nervous System Metastases as a Complication of Systemic Tumors

**Module 6. Special Brain Tumors**

- 6.1. Treatment Algorithm for Germ Cell Tumors
- 6.2. Primary Central Nervous System Lymphoma
- 6.3. Ependymoma
- 6.4. New Techniques in Skull Base Surgery. Introduction to Endoscopic Technique: Indications, Complications, and Their Management
- 6.5. Management of Malignant Skull Base Tumors: Chordomas and Chondrosarcomas
- 6.6. Craneofaringioma
- 6.7. Solitary Fibrous Tumor/Hemangiopericytoma: Update on a Rare and Challenging Tumor
- 6.8. Brain Tumors Associated with Hereditary Cancer Syndromes
- 6.9. Von Hippel Lindau Disease and Hemangioblastoma
- 6.10. Brain Tumors and Neurofibromatosis

### Module 7. Paraneoplastic Syndromes and Cancer with Neurological Comorbidities

- 7.1. Concept and Pathogenesis of Paraneoplastic Syndromes in the Nervous System
- 7.2. Concept of Paraneoplastic Encephalomyelitis and Multifocal Syndromes
- 7.3. Diagnosis and Treatment of Paraneoplastic Limbic Encephalitis
- 7.4. Paraneoplastic Cerebellar Degeneration
- 7.5. Paraneoplastic Sensory Neuronopathy and Paraneoplastic Neuropathies
- 7.6. Identification and Treatment of Paraneoplastic Opsoclonus-Myoclonus
- 7.7. Paraneoplastic Eaton-Lambert Syndrome
- 7.8. Peripheral Nervous System Hyperexcitability Syndromes and Paraneoplastic Stiff Person Syndrome
- 7.9. Approach to Necrotizing Myopathy and Paraneoplastic Dermatomyositis
- 7.10. Lung Cancer and Neurological Comorbidities
- 7.11. Neurological Complications Associated with Digestive Tumors
- 7.12. Breast Cancer and Neuro-Oncological Complications
- 7.13. Neurological Complications of Nephro-Urinary Cancer
- 7.14. Neuro-Oncology of Gynecological Cancer
- 7.15. Head and Neck Cancer and Neurological Comorbidities
- 7.16. Neurological Complications of Sarcoma
- 7.17. Melanoma and Neuro-Oncological Complications
- 7.18. Neurological Complications of Lymphoma
- 7.19. Neurological Complications of Leukemia
- 7.20. Plasma Cell Dyscrasias and Neurological Comorbidities

### Module 8. Neurological Complications in Cancer

- 8.1. Management of Seizures and Systemic Cancer
- 8.2. Prevention and Early Detection of Cognitive Decline as a Systemic Cancer Complication
- 8.3. Stroke and Cerebrovascular Complications in the Cancer Patients
- 8.4. Diagnosis and Management of Headache Associated with Neuro-Oncological Issues
- 8.5. Hydrocephalus and Intracranial Hypertension as Complications in Cancer
- 8.6. Neurological Complications of Radiotherapy
- 8.7. Neurological Complications of Chemotherapy
- 8.8. Neurological Complications of Immuno-Biological Therapies
- 8.9. Neurological Complications of Bone Marrow Transplantation

### Module 9. Medical Complications in Cancer

- 9.1. Management of Infectious Comorbidities
- 9.2. Management of Cardiovascular Comorbidities
- 9.3. Management of Endocrinological Comorbidities
- 9.4. Management of Nutritional Comorbidities
- 9.5. Outpatient Care of Patients with Neuro-Oncological Conditions
- 9.6. Palliative Management of Symptoms in Patients with Digestive Tumors
- 9.7. Palliative Management of Symptoms in Brain Tumors
- 9.8. Why Do Brain Tumor Patients Present in the Emergency Room and How Can Outcomes Be Improved?

### Module 10. The Future Collaborative World in Neuro-Oncology

- 10.1. Foundations of Clinical Management
- 10.2. Informed Consent
- 10.3. Decision Support Systems in Oncology Based on Artificial Intelligence
- 10.4. Technological Platforms for Patient Monitoring and Control
- 10.5. The Collaborative Online World





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*With a syllabus tailored to current neuropsychological challenges, you will be prepared to excel with preparation protocols for managing critical patient situations”*

04

# Teaching Objectives

This university program at TECH focuses on enhancing professionals' ability to successfully manage Brain Tumors, combining knowledge in molecular biology, advanced imaging techniques, and innovative surgical strategies. Additionally, it aims to strengthen critical skills in the interpretation of clinical trials and the implementation of precision therapies, which supports decision-making in complex environments.





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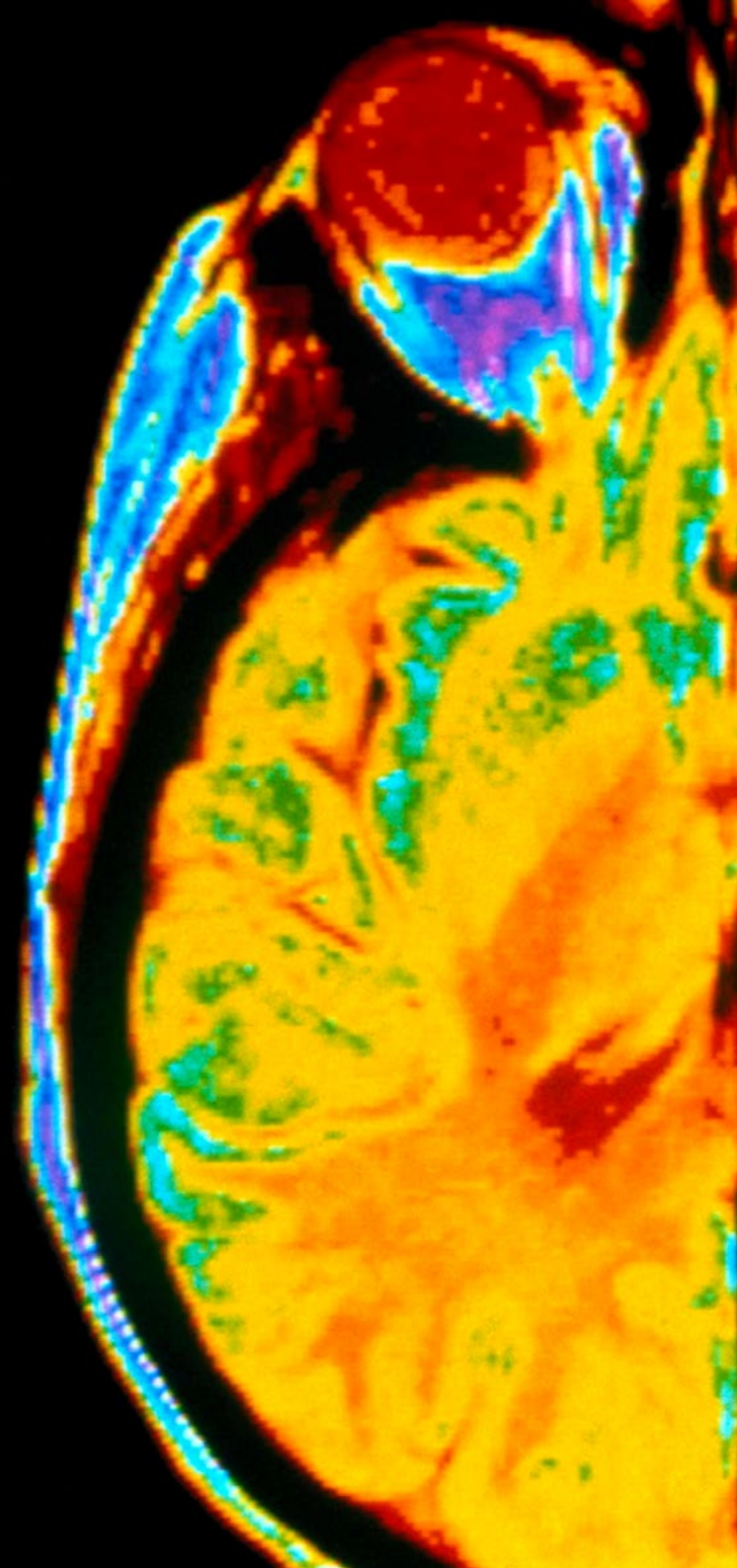
*Train with the best and most advanced imaging techniques available today, with unlimited access to high-quality content created by experts in the field”*

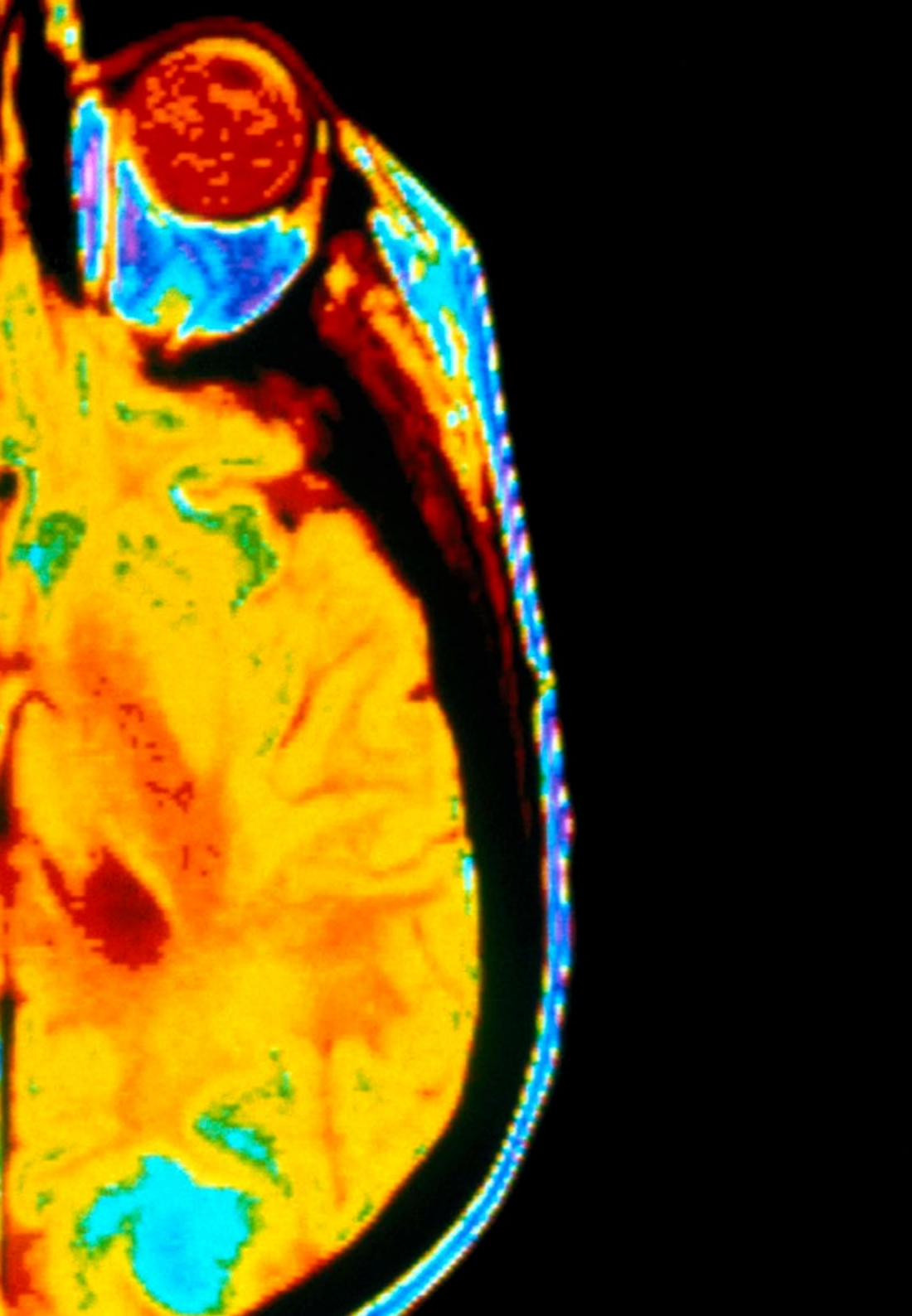


## General Objectives

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- ♦ Develop a deep understanding of the biology of Brain Tumors, covering molecular mechanisms, tumor immunology, molecular classification, and innovations in diagnosis
- ♦ Analyze the foundations of tumor microenvironment reprogramming and the importance of biobanks and clinical registries, enabling the identification of new biomarkers and therapeutic strategies
- ♦ Evaluate the use of advanced imaging techniques such as magnetic resonance imaging (MRI), PET-CT, and computed tomography (CT) to enhance diagnostic precision and disease monitoring
- ♦ Investigate innovations in Neurosurgery, including neuromonitoring, awake surgery, and technologies like neuronavigation, to optimize surgical interventions
- ♦ Integrate knowledge of radiotherapeutic and pharmacological management based on clinical trials and Real World Data studies, facilitating the development of effective treatments





- ♦ Interpret and apply diagnostic and therapeutic algorithms that address conditions from low-grade gliomas to glioblastoma multiforme, enhancing evidence-based clinical decision-making
- ♦ Address the management of Neuro-Oncological Complications across different age groups, with a particular focus on pediatric and elderly populations, to improve comprehensive patient care
- ♦ Promote updates on the treatment of Special Brain Tumors and the management of Paraneoplastic Syndromes, expanding strategies in complex cases
- ♦ Drive the use of emerging technological tools such as artificial intelligence and Big Data analysis to optimize decision-support systems in Neuro-Oncology
- ♦ Foster the development of competencies in clinical and organizational management, focused on integrating services, networking, and securing resources to advance research and innovation in Neuro-Oncology



## Specific Objectives

### Module 1. Epidemiology and Molecular Biology in Brain Tumor Diagnosis

- ♦ Understand the molecular mechanisms of cancer involved in the development of brain tumors
- ♦ Analyze the foundations of tumor immunology and its application in cancer immunotherapy

### Module 2. Radiology and Radiotherapeutic and Pharmacological Management of Brain Tumors

- ♦ Identify the diagnostic and prognostic value of imaging techniques in primary and metastatic brain tumors
- ♦ Learn the main radiotherapy and pharmacological treatment strategies based on precision medicine

### Module 3. Neurosurgical Foundations of Brain Tumors

- ♦ Recognize the surgical fundamentals and key technologies in the resection of brain tumors
- ♦ Understand the indications and protocols for awake surgery to preserve critical functions

### Module 4. Diagnostic and Therapeutic Algorithms for Brain Tumors

- ♦ Analyze current therapeutic options for the main types of gliomas, integrating algorithms and new therapies
- ♦ Understand the utility of immunotherapy and its evaluation in the treatment of glioblastoma and other glial tumors



**Module 5. Brain Tumors and Neuro-Oncological Complications in Pediatric Age. Cerebral and Leptomeningeal Metastases**

- ♦ Recognize the diagnostic and therapeutic particularities of brain tumors in childhood and adolescence
- ♦ Evaluate current strategies for managing cerebral metastases, leptomeningeal metastases, and other central nervous system complications

**Module 6. Special Brain Tumors**

- ♦ Identify the diagnostic and therapeutic approach to rare brain tumors and those associated with genetic syndromes
- ♦ Learn the surgical techniques and specific treatments for complex skull base and central nervous system tumors

**Module 7. Paraneoplastic Syndromes and Cancer with Neurological Comorbidities**

- ♦ Identify the main paraneoplastic syndromes of the nervous system and their clinical impact on cancer patients
- ♦ Analyze the neurological complications associated with different types of systemic cancer and their therapeutic management

**Module 8. Neurological Complications in Cancer**

- ♦ Recognize and manage the main neurological complications derived from cancer and its treatments
- ♦ Implement strategies for the prevention, diagnosis, and treatment of neurological deterioration in cancer patients

**Module 9. Medical Complications in Cancer**

- ♦ Understand the integrated approach to common medical comorbidities in cancer patients
- ♦ Apply principles of palliative care and outpatient management for patients with brain and systemic tumors

**Module 10. The Future Collaborative World in Neuro-Oncology**

- ♦ Learn technological tools and support systems based on artificial intelligence for decision-making in neuro-oncology
- ♦ Promote a collaborative and ethical model in clinical management and follow-up of patients with neuro-oncological conditions



*You will understand and enhance your skills to effectively identify Cerebral Metastasis, with the most complete and up-to-date university syllabus on the market”*

05

# Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.





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*TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”*

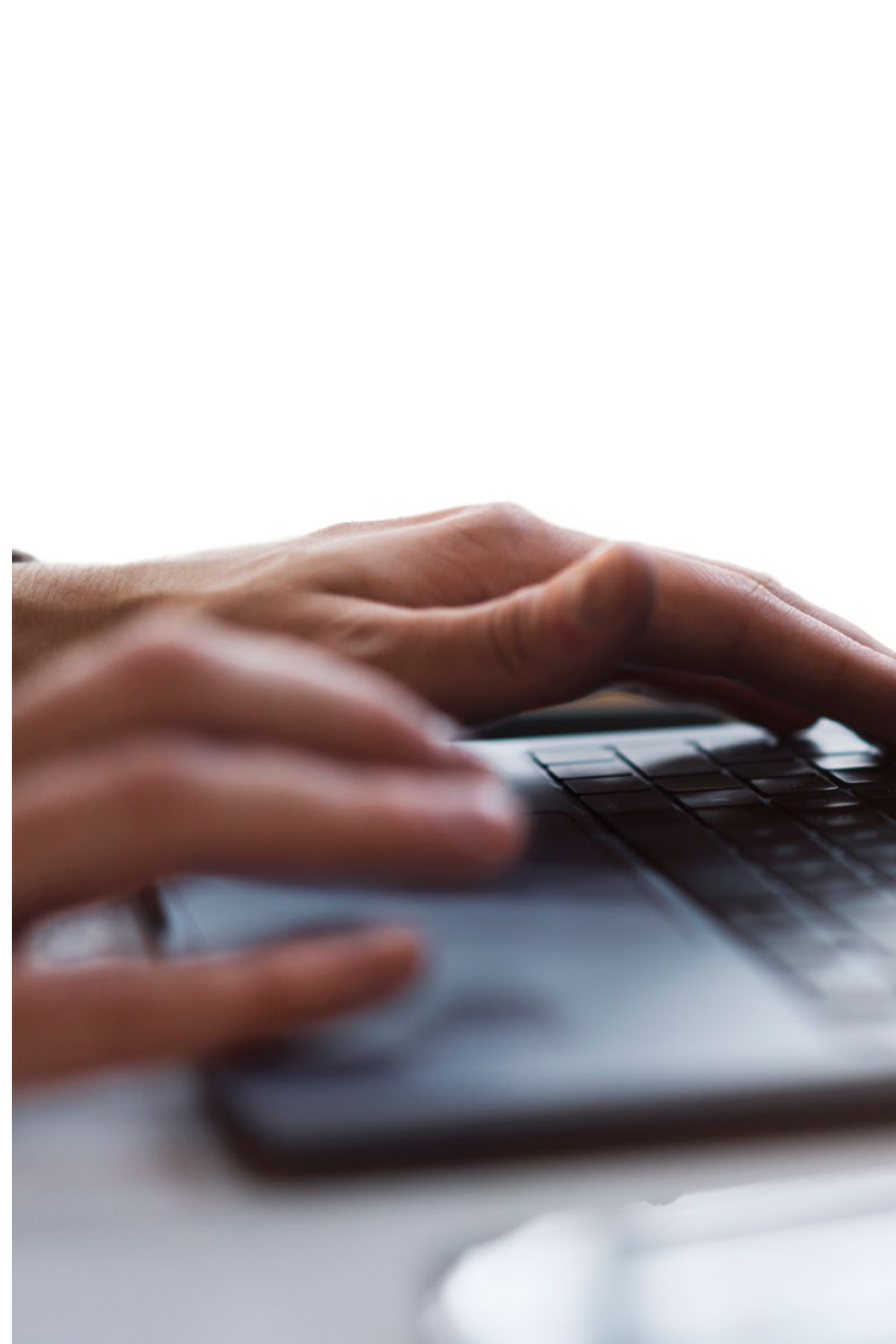
## The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist. The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes  
(which you might not be able to attend)”*



### The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

## Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



## Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

*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.*



## A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



*The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”*

### 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 assess 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.

## The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

*Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.*

*You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.*



As such, the best educational materials, thoroughly prepared, will be available in this program:



#### 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.



#### Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



#### Interactive Summaries

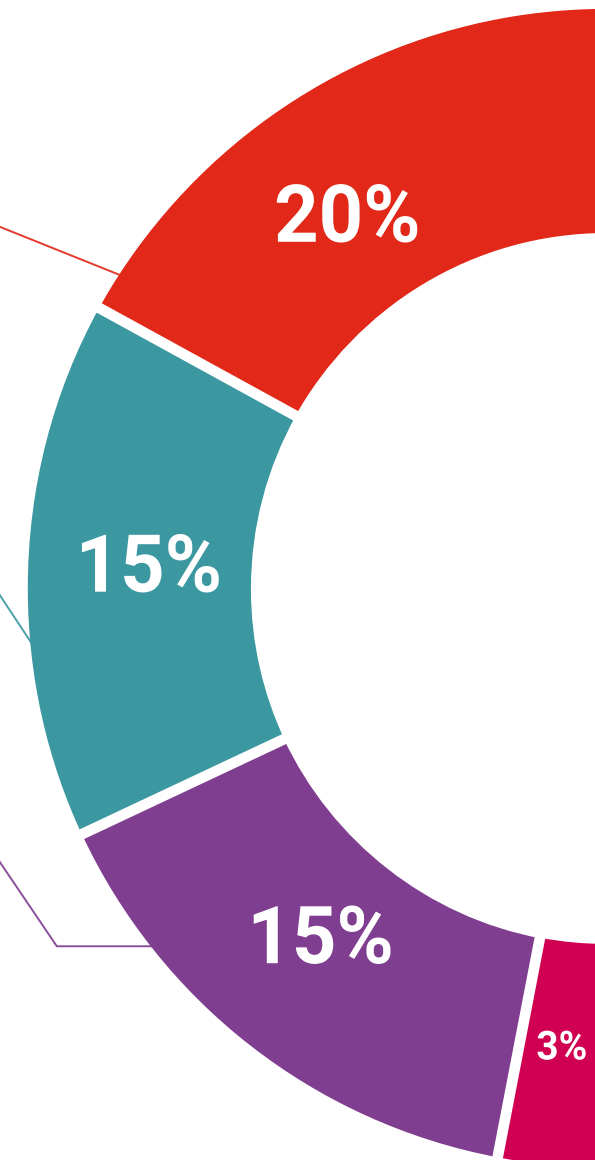
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

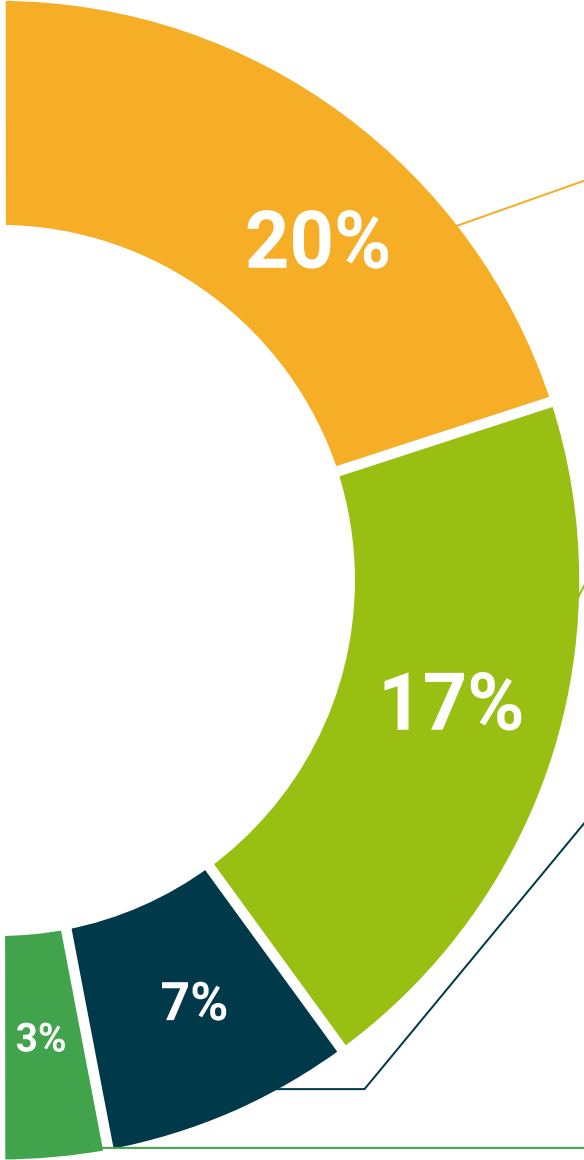


#### Additional Reading

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







**Case Studies**

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



**Testing & Retesting**

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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There is scientific evidence suggesting that observing third-party experts can be useful.  
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**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

# Teaching Staff

This rigorous Professional Master's Degree developed by TECH features the participation of leading specialists in the field of Neuro-Oncology and related areas, who contribute their experience and practical knowledge gained throughout their professional careers. This approach ensures high-quality training, preparing professionals to tackle the current and future challenges in the field of Neuro-Oncology.





“

*You will have the support of the teaching team, composed of true experts and reference figures in Neuro-Oncology”*

## International Guest Director

Dr. Lawrence Recht is an eminence in the international clinical field for the multiple contributions he has developed within the field of Neuro-oncology. **He is a distinguished professional with** more than four decades of experience in the management of cancer and its early detection, **an area to which he has dedicated dozens of investigations.** Thanks to his exhaustive work in the knowledge of the brain tumor, it has been established the importance of discovering how and why it evolves previously in order to treat it at an early stage, instead of focusing efforts on treating the neoplasm itself. Based on this, today this pathology is addressed more effectively and efficiently in tens of thousands of patients around the world.

**He has a distinguished academic curriculum, including his undergraduate training at Columbia, as well as** additional training in Neuro-Oncology at Memorial Sloan Kettering Cancer Institute in New York. He is also a Doctor of Medicine, an activity that has led him to collaborate and direct various research programs in prestigious centers such as Stanford Health Care, the Stanford Cancer Institute and the Wu Tsai Neurosciences Institute, all of them focused on the field of Neurology and Neurosurgery.

**On the other hand, he has** authored and co-authored dozens of articles indexed in international clinical journals **such as the Journal of Neurosurgery, American Journal of Pathology or the Journal of the National Comprehensive Cancer Network.** This has allowed him to contribute to the knowledge of the diagnosis and treatment of brain tumors, using methods such as magnetic resonance and computed tomography to improve the detection and characterization of these lesions. **In addition,** he has made great advances in designing therapeutic approaches to treat neurological tumors, **bringing together the understanding of the underlying biology of these conditions.**



## Dr. Recht, Lawrence

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- ♦ Professor of Neurology and Neurosurgery at Stanford University, Palo Alto, United States
- ♦ MD from the P&S Faculty of Columbia University
- ♦ Residency at the University of Minnesota Medical School
- ♦ Clinical Fellowship at Memorial Sloan-Kettering Cancer Center, New York
- ♦ Clinical Certification from the American Board of Psychiatry and Neurology
- ♦ Director of more than a dozen clinical trials focused on tumor measurement
- ♦ Author and co-author of over 30 peer-reviewed articles published in international medical journals
- ♦ Member of: Bio-X, Stanford Cancer Institute, Wu Tsai Neurosciences Institute



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

## Management



### Dr. Oruezábal Moreno, Mauro Javier

- ♦ Head of the medical Oncology Service at La Paz University Hospital since 2017.
- ♦ Doctor of Medicine from the Complutense University Madrid (UCM)
- ♦ Master's Degree in Bioinformatics and Biostatistics from the Open University of Catalonia
- ♦ Master's Degree in Bioinformatics Analysis, Pablo de Olavide University
- ♦ Research Fellow at University of Southampton
- ♦ Bachelor's Degree in Medicine and Surgery from the University of Navarra
- ♦ Member of: Spanish Society of Medical Oncology and the Spanish Group of Digestive Tumors (TTD)



### Dr. Lagares Gómez Abascal, Alfonso

- ♦ Head of the Neurosurgery Department at the 12 de Octubre University Hospital.
- ♦ Coordinator of the Neurotraumatology and Subarachnoid Hemorrhage Research Group at the Research Institute of the 12 de Octubre University Hospital (i+12)
- ♦ Associate Professor of Neurosurgery at Carlos III University of Madrid
- ♦ Tenured Professor of Neurosurgery at Complutense University of Madrid
- ♦ Doctor of Medicine from the Autonomous University of Madrid
- ♦ Bachelor's Degree in Medicine and Surgery from the Autonomous University of Madrid
- ♦ Specialist in Neurosurgery at the University Hospital 12 de Octubre
- ♦ Master's Degree in Medical Management and Clinical Management by the ENS

## Professors

### Dr. Dueñas Porto, Marta

- ♦ Researcher at the Center for Energy, Environmental, and Technological Research
- ♦ Researcher at the Biomedical Research Foundation I+12
- ♦ Head of the Department of Genomics at the Center for Genetic Engineering and Biotechnology
- ♦ Researcher at the Center for Genetic Engineering and Biotechnology
- ♦ PhD in Molecular Biology from the Autonomous University of Madrid
- ♦ Bachelor's Degree in Biological Sciences from the University of Huelva

### Mr. Paramio Gonzalez, Jesús María

- ♦ Head of the Molecular Oncology Unit at the Center for Energy, Environmental, and Technological Research
- ♦ Researcher at the Biomedical Research Institute of the 12 de Octubre University Hospital
- ♦ Cell Biology Specialist at the Center for Energy, Environmental, and Technological Research

### Dr. Velastegui Ordoñez, Alejandro

- ♦ Medical Oncologist at the Rey Juan Carlos University Hospital
- ♦ Clinical Immunology Specialist at the Gregorio Marañón University General Hospital
- ♦ Medical Oncology Specialist at the Alcorcón Foundation University Hospital
- ♦ Bachelor's Degree in Medicine from the Catholic University of Santiago de Guayaquil

### Dr. Astudillo González, Aurora

- ♦ Medical Doctor Specialized in Pathological Anatomy
- ♦ Doctor of Medicine
- ♦ Scientific Director of the Biobank of the Principality of Asturias
- ♦ Member of: European Board of Neuropathology, European Board of Pathology

### Dr. Hernández Laín, Aurelio

- ♦ Specialist in the Neuropathology Department at the 12 de Octubre University Hospital
- ♦ Associate Professor of Health Sciences at Complutense University of Madrid (UCM)
- ♦ PhD in Medicine from the Autonomous University of Madrid (UAM)
- ♦ Member of the Spanish Society of Pathological Anatomy and Coordinator of the Neuropathology Working Group

### Dr. Toldos González, Oscar

- ♦ Specialist in the Pathology Department at the 12 de Octubre University Hospital
- ♦ Associate Professor of Health Sciences in the Department of Legal Medicine, Psychiatry, and Pathology at Complutense University of Madrid (UCM)
- ♦ Coinventor of the method for diagnosing Essential Thrombocythemia and the associated diagnostic kit
- ♦ Member of: Spanish Society of Endocrinology and Nutrition (SEEN), Spanish Society of Pathological Anatomy (SEAP)

### Dr. De las Peñas Bataller, Ramón

- ♦ Medical Director of the Oncology Consortium at the General University Hospital of Castellón
- ♦ President of the Spanish Research Group on Orphan and Rare Tumors (GETTHI)
- ♦ Degree in Medicine and Surgery from the University of Valencia
- ♦ Specialist in Neurology
- ♦ Specialist in Medical Oncology

**Dr. Ribalta, Teresa**

- ♦ Pathologist and Neuropathologist at Hospital Clínic of Barcelona and IDIBAPS.
- ♦ Specialist in Neuropathology
- ♦ Head of the Department of Pathology and Director of the Biobank at Hospital Sant Joan de Déu.
- ♦ Head of the Pediatric Pathology Section at Hospital Clínic de Barcelona.
- ♦ Professor and Professor of Pathological Anatomy, University of Barcelona
- ♦ Degree in Medicine from the University of Barcelona

**Dr. Vidal Sarró, Noemí**

- ♦ Attending Physician at the Neuropathology Department of the Bellvitge University Hospital
- ♦ Associate Physician in the Pathological Anatomy Department at Hospital Sant Joan de Déu
- ♦ Associate Physician in the Pathological Anatomy Department at Hospital Plató
- ♦ Specialist in the Neurology Area of the Neuropathology Institute at Bellvitge University Hospital
- ♦ Pathologist at Quirónsalud Hospital

**Dr. Rueda Fernández, Daniel**

- ♦ Head of Biomarker Discovery & Pharmacogenomics Unit at PharmaMar
- ♦ Research Scientist at Sylentis
- ♦ Head of Genetic Studies in Hereditary Cancer at 12 de Octubre University Hospital.
- ♦ Doctor of Biochemistry and Molecular Biology from the Complutense University of Madrid
- ♦ Molecular Biologist at Gemolab S.L.
- ♦ Bachelor's Degree in Biochemistry from the Complutense University of Madrid

**Dr. López López, Rafael**

- ♦ Head of the Medical Oncology Department at the Santiago de Compostela University Hospital Complex
- ♦ Director of the Translational Medical Oncology Group at the Santiago de Compostela Health Research Institute.
- ♦ Creator of the Medical Oncology Service at the Txagorritxu Hospital. Vitoria, Spain
- ♦ Research Physician at the Oncology Department of the Free University Hospital. Amsterdam
- ♦ Principal Investigator of more than 100 clinical trials, highlighting the field of Translational Research in Solid Tumors.
- ♦ Author of 200 articles in national and international journals of great prestige.
- ♦ Founding Partner of Nasasbiotech Company
- ♦ Degree in Medicine from the Autonomous University Madrid
- ♦ Permanent Member of the Royal Academy of Medicine and Surgery of Galicia
- ♦ Member of: European Society for Medical Oncology (ESMO), Sociedad Española de Oncología Médica (SEOM), American Society for Clinical Oncology (ASCO) and American Association for Cancer Research (AACR)

**Dr. Martín Medina, Patricia**

- ♦ Specialist in the Radiology Department at 12 de Octubre University Hospital
- ♦ Specialist in the Radiology and Medical Imaging Area at HM La Esperanza Hospital
- ♦ Specialist in the Radiology and Medical Imaging Area at HM Gabinete Velázquez
- ♦ Member of: Spanish Society of Neuroradiology (SENR), Spanish Society of Medical Radiology (SERAM), Co-author of the Case of the Month for March 2020, SENR



**Dr. Salvador Álvarez, Elena**

- ♦ Specialist in the Radiology Department at 12 de Octubre University Hospital
- ♦ Specialist in the Radiology and Medical Imaging Department at HM Puerta del Sur University Hospital
- ♦ Associate Professor of Health Sciences in the Area of Radiology and Medical Physics at Complutense University of Madrid
- ♦ Speaker at the V Congress of the Spanish Federation of Neuropsychology Associations
- ♦ Member of the Spanish Federation of Neuropsychology Associations (FANPSE)

**Dr. Koren Fernández, Laura**

- ♦ Attending Physician at HM Montepríncipe University Hospital in the Radiology and Medical Imaging Area
- ♦ Specialist in the Radiology Department at 12 de Octubre University Hospital
- ♦ Member of the Spanish Society of Medical Radiology
- ♦ Speaker at the 34th National Congress in Pamplona

**Dr. Hilario Barrio, Amaya**

- ♦ Specialist in the Radiology Department at 12 de Octubre University Hospital
- ♦ Associate Professor of Health Sciences in the Department of Radiology, Rehabilitation, and Physiotherapy at Complutense University of Madrid
- ♦ Director of the 10th National Neuroradiology Course
- ♦ PhD in Medicine from the University of the Basque Country/Euskal Herriko Unibertsitatea (UPV/EHU)
- ♦ Member of the Spanish Society of Neuroradiology (SENOR)

**Dr. Ramos González, Ana**

- ♦ Head of the Neuroradiology Section at 12 de Octubre University Hospital
- ♦ Specialist in the Radiology Department at 12 de Octubre University Hospital
- ♦ Specialist in Radiology and Medical Imaging at HM Torrelodones, HM Sanchinarro, and HM Puerta del Sur
- ♦ Associate Professor in Radiology and Medical Physics at Complutense University of Madrid (UCM)
- ♦ PhD in Medicine from the University of Cantabria
- ♦ Author and co-author of more than twenty scientific articles related to radiology, its tools, and techniques

**Dr. Pérez Nuñez, Ángel**

- ♦ Head of the Neurosurgery Department at 12 de Octubre University Hospital
- ♦ Neuro-Oncology Specialist at UCSF Brain Tumor Center. San Francisco
- ♦ Researcher in the Neuro-Oncology and Neurotraumatology Group at the Research Institute, 12 de Octubre University Hospital (I+12)
- ♦ Associate Professor of Health Sciences at Complutense University of Madrid
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Founder of the Multidisciplinary Neuro-Oncology Unit at 12 de Octubre University Hospital
- ♦ Founder of the Neuro-Oncology Research Group at 12 de Octubre University Hospital
- ♦ Member of the Tumor Group of the Spanish Society of Neurosurgery (SENEC)

**Dr. Romero Coronado, Juan**

- ♦ Specialist in the Neuroradiology Department at 12 de Octubre University Hospital. Madrid
- ♦ Neuroradiology at the University Hospital HM Sanchinarro

- ♦ Head of the Neuroradiology Unit at Sanitas
- ♦ General Radiologist at Milenium Medical Center Núñez de Balboa. Madrid, Spain
- ♦ Neuroradiologist at Los Madroños Hospital
- ♦ Associate Professor at the Alfonso X el Sabio University
- ♦ Master's Degree in Artificial Intelligence in Healthcare from MIT Sloan School of Management
- ♦ Expert in Neurobiology and Neurosciences from Pontifical University of Salamanca

**Dr. Sepulveda Sánchez, Juan Manuel**

- ♦ Coordinator and Head of the Multidisciplinary Neuro-Oncology Unit at 12 de Octubre University Hospital
- ♦ Head of the Multidisciplinary Neuro-Oncology Unit at MD Anderson Cancer Center
- ♦ Director of the Neuro-Oncology Program at the Neurology Department, Ruber Internacional Hospital
- ♦ Specialist in Medical Oncology at 12 de Octubre University Hospital
- ♦ Attending Neurologist at Getafe University Hospital
- ♦ Attending Neurologist at Sanatorium Nuestra Señora del Rosario
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Master's Degree in Molecular Oncology from the National Center for Cancer Research (CNIO) and the European School of Oncology
- ♦ President of the Spanish Neuro-Oncology Research Group (GEINO)

**Dr. Blanco, Juan Antonio**

- ♦ Attending Physician in the Diagnostic Imaging Service of the Central Radiology Unit at Infanta Cristina University Hospital
- ♦ Attending Physician in the Diagnostic Imaging Service at Fundación Alcorcón University Hospital

- ♦ Collaborating Faculty in Practical Teaching in the Department of Radiology and Medical Physics, Complutense University of Madrid (UCM)
- ♦ Bachelor's Degree in Medicine and Surgery from the Autonomous University of Madrid (UAM)
- ♦ Specialist in Radiology at San Carlos Clinical Hospital. Madrid
- ♦ Member of the Head and Neck Tumor Committee at Infanta Cristina University Hospital

**Dr. Paredes Sansinenea, Igor**

- ♦ Specialist in the Neurosurgery Department at 12 de Octubre University Hospital. Madrid
- ♦ Neurosurgeon at Virgen de la Salud Hospital. Toledo
- ♦ Professor of Neurology and Neurosurgery at CTO Academy
- ♦ Associate Professor in the Department of Surgery at the Faculty of Medicine, Complutense University of Madrid
- ♦ Doctor of Medicine
- ♦ Fellow of the European Board of Neurological Surgery
- ♦ Master's Degree in Sleep: Physiology and Medicine from the Faculty of Biology, University of Murcia
- ♦ Pedro Mata Award 2015, 2017, 2018, and 2019 by the Society of Neurosurgery of the Autonomous Community of Madrid (SONCAM)

**Dr. Osejo Altamirano, Vanesa**

- ♦ Clinical Neurophysiologist in Intraoperative Monitoring at 12 de Octubre University Hospital
- ♦ Neurophysiologist at the Varela de Seijas Neurological Studies Clinic
- ♦ PhD in Medicine from the Autonomous University of Honduras

- ♦ Specialist in Clinical Neurophysiology from La Princesa University Hospital
- ♦ Member and Collaborator of the Spanish Sleep Society (SES)

#### **Dr. Ruiz Solís, Sebastián**

- ♦ Attending Physician in the Nuclear Medicine Department at 12 de Octubre University Hospital. Madrid
- ♦ Associate Professor of Health Sciences in Radiology and Medical Physics at Complutense University of Madrid (UCM)
- ♦ Instructor of the XXVI Advanced Course in Medical Oncology by the Spanish Society of Medical Oncology (SEOM)
- ♦ PhD in Medicine from Complutense University of Madrid (UCM)
- ♦ Co-author of several journal articles and book chapters related to diagnostic tests and the Neurological Area

#### **Dr. Gómez Grande, Adolfo**

- ♦ Specialist in the Nuclear Medicine Department at 12 de Octubre University Hospital
- ♦ Researcher at the Carlos III National Center for Cardiovascular Research
- ♦ Associate Professor of Health Sciences in the Department of Radiology, Rehabilitation, and Physiotherapy at Complutense University of Madrid (UCM)
- ♦ Co-author of the article "Secondary Diabetes Mellitus Related to IgG4 Disease," published in the Scientific Journal Endocrinology, Diabetes and Nutrition

#### **Dr. Jover Díaz, Raquel**

- ♦ Specialist in Nuclear Medicine at Ramón y Cajal University Hospital
- ♦ Patient Safety Officer at SEMNIM
- ♦ Patient Safety Representative in Nuclear Medicine at the Ministry of Health
- ♦ PhD with Research Sufficiency from Miguel Hernández University

- ♦ Specialist in Nuclear Medicine and Molecular Imaging at San Juan de Alicante University Hospital
- ♦ Head of the Nuclear Medicine Department at Rey Juan Carlos University Hospital
- ♦ Bachelor's in Medicine and Surgery

#### **Dr. Quintanar Verdúñez, Teresa**

- ♦ Specialist in Medical Oncology at the General University Hospital of Elche
- ♦ Specialist in Medical Oncology at the Vega Baja Orihuela Hospital
- ♦ Oncology Specialist in the Clinical and Translational Research Unit at the General University Hospital of Elche
- ♦ Tutor for Medical Residents at the General University Hospital of Elche
- ♦ Professor of the Master's Degree in Clinical and Surgical Research at Miguel Hernández University
- ♦ Coordinator of the Scientific Committee for the +MIR Evaluation Platform
- ♦ Member of the Spanish Society of Medical Oncology (SEOM)
- ♦ Speaker and Member of the Spanish Breast Cancer Research Group Foundation (GEICAM)

#### **Dr. Navarro Main, Blanca**

- ♦ Neuropsychologist at 12 de Octubre University Hospital. Madrid
- ♦ Specialist in Speech Therapy and Language Disorders
- ♦ Collaborating Professor of the Master's Degree in Neuropsychology at the Open University of Catalonia (UOC)
- ♦ PhD in the Department of Basic Psychology II from the National University of Distance Education (UNED)
- ♦ Expert in Clinical Neuropsychology

**Dr. Jiménez Roldán, Luis**

- ♦ Quality and Patient Safety Officer in the Neurosurgery Department. 12 de Octubre University Hospital
- ♦ Specialist in the Neurosurgery Department at 12 de Octubre University Hospital
- ♦ Clinical Practice Teaching Associate in Surgical Pathology at Complutense University of Madrid
- ♦ PhD in Medicine from Complutense University of Madrid (UCM)
- ♦ Participant in multiple clinical trials and research projects at 12 de Octubre University Hospital
- ♦ Member of the Spanish Society of Neurosurgery in the Neuro-Oncology, Spine, and Functional Neurosurgery Groups

**Dr. González León, Pedro**

- ♦ Specialist in the Neurosurgery Department at 12 de Octubre University Hospital
- ♦ Educator in the Functional Neurosurgery Area at 12 de Octubre University Hospital
- ♦ Bachelor's Degree in Medicine from the University of Alcalá
- ♦ President of the Association of Specialist Physicians of Madrid (AFEM)
- ♦ Contributor and columnist in various media outlets

**Dr. Iglesias, Lorena**

- ♦ Director of the Electromyography and Evoked Potentials Unit at the Varela de Seijas Neurological Studies Center
- ♦ Specialist in Clinical Neurophysiology at La Luz Hospital
- ♦ Attending Physician in the Neurophysiology Department at 12 de Octubre University Hospital
- ♦ Attending Physician in Clinical Neurophysiology in the Neuromuscular Unit at San Carlos Clinical Hospital

- ♦ Awarded Best Oral Presentation in the Sleep Category at the 44th Annual Meeting of the Spanish Society of Clinical Neurophysiology (SENFEC)

**Dr. Dualde Beltrán, Diego**

- ♦ Specialist in Neurology at the Clinical University Hospital of Valencia
- ♦ Associate Professor in the Area of Radiology and Medical Physics at the University of Valencia
- ♦ PhD in Medicine from the University of Valencia
- ♦ Author of the book Comparative Study of the Structural and Functional Organization of the Pineal in the Ovine Species
- ♦ Co-author of several research articles related to Neurological Areas

**Dr. Gómez Aparicio, Marian**

- ♦ Specialist in the Radiotherapy Oncology Department at the General University Hospital of Ciudad Real
- ♦ Bachelor's in Medicine
- ♦ Specialist in Oncology with a focus on Radiotherapy
- ♦ Speaker for the Spanish Genitourinary Tumor Group
- ♦ Speaker at the 3rd SBRT Stereotactic and Extracranial Radiotherapy Course

**Mr. Sánchez Rubio, Javier**

- ♦ Area Specialist at the Getafe University Hospital.
- ♦ Postgraduate Diploma in Health Technology Assessment, Pompeu Fabra University (UPF).
- ♦ Master's Degree in Pharmaceutical Sciences, Complutense University of Madrid
- ♦ Bachelor's Degree in Medicine and Surgery

**Dr. Bruna Escuer, Jordi**

- ♦ Coordinator of the Neuro-Oncology Unit at Bellvitge University Hospital
- ♦ Researcher at the Bellvitge Biomedical Research Institute (IDIBELL)
- ♦ Specialist in the Neurology Department at Duran i Reynals Hospital
- ♦ Member of the Neuroplasticity and Regeneration Research Group at the Autonomous University of Barcelona
- ♦ Bachelor's in Medicine from the Autonomous University of Barcelona (UAB)

**Dr. Zazpe, Idoia**

- ♦ Head of the Neurosurgery Department at the Navarra University Hospital Complex
- ♦ Resident Tutor at the University of Navarra
- ♦ Editor of the Revista Española de Neurocirugía
- ♦ PhD in Medicine from the University of Navarra
- ♦ Master's Degree in Health Management
- ♦ Scholarship from the North American Skull Base Society
- ♦ Member of: European Association of Neurosurgical Societies (EANS), Spanish Society of Neurosurgery (SENEC)

**Dr. Martín Munarriz, Pablo**

- ♦ Assistant Physician in the Pediatric Neurosurgery Service at the University Hospital 12 de Octubre.
- ♦ Specialist in Pediatric Neurosurgery at the CSUR
- ♦ Several internships abroad: Johns Hopkins Hospital (Baltimore, USA), UMPC Hospital (University of Pittsburgh Medical Center, Pittsburgh, USA). INI Hospital (International Neuroscience Institute, Hannover, Germany) and in Sao Paulo, Brazil.
- ♦ Clinical Fellowship in Pediatric Neurosurgery with surgical practice and assistance at SickKids Hospital (The Hospital for Sick Children, Toronto, Canada).

- ♦ Doctor of Surgery from the Complutense University of Madrid (UCM)
- ♦ Member of: Neurotraumatology and Subarachnoid Hemorrhage Research Group of the Neurosciences Area of the I+12 Research Institute, Spanish Society of Neurosurgery (SENEC), Spanish Society of Pediatric Neurosurgery (SENEPE), European Neurosurgery Society (EANS) and International Society of Pediatric Neurosurgery (ISPN).

**Dr. Camacho Salas, Ana**

- ♦ Specialist in the Pediatric Neurology Department at 12 de Octubre University Hospital
- ♦ Associate Professor at the Faculty of Medicine, Complutense University of Madrid
- ♦ PhD in Medicine and Surgery from the Complutense University of Madrid
- ♦ Specialist in Pediatric Neurology from the Spanish Society of Pediatric Neurology (SENEP)
- ♦ Member of the Board of Directors of the Spanish Society of Pediatric Neurology (SENEP)

**Dr. Palomar Coloma, Virginia**

- ♦ Medical Oncologist at the San Carlos Clinical Hospital
- ♦ Medical Oncologist at the Hospital General Universitario of Valencia
- ♦ Specialist in Medical Oncology
- ♦ Graduate in Medicine and Surgery from the University of Valladolid
- ♦ Member of the Spanish Society of Medical Oncology

**Dr. García Romero, Juan Carlos**

- ♦ Attending Physician in the Neurosurgery Department at the Complex Hospital of Navarra
- ♦ Neurosurgery Specialist at Viamed Los Manzanos Hospital
- ♦ Speaker at the National Congress of the Spanish Society of Surgery

- ♦ Co-author of several chapters on Intraoperative Neurophysiology

#### **Dr. Pardo Moreno, Francisco Javier**

- ♦ Head of the Neurology Department at Rey Juan Carlos University Hospital
- ♦ Director of Healthcare Sustainability at Rey Juan Carlos University Hospital
- ♦ Neurologist at Alcorcón Foundation University Hospital
- ♦ Specialist in Neurology at Jiménez Díaz Foundation University Hospital
- ♦ Coordinator of the Neurosalud Network
- ♦ Associate Professor of Neurology at Rey Juan Carlos University
- ♦ PhD in Medicine and Surgery from Complutense University of Madrid
- ♦ Master's Degree in Healthcare Management from the Distance University of Madrid
- ♦ Master's Degree in Healthcare Leadership from Quirónsalud
- ♦ Master's Degree in Clinical Management, Medical Management, and Clinical Leadership

#### **Dr. Martín Soberón, Mari Cruz**

- ♦ Attending Physician in Medical Oncology at Infanta Elena University Hospital
- ♦ Attending Physician in Medical Oncology at 12 de Octubre University Hospital
- ♦ Specialist in Oncology at the Albacete University Hospital Complex
- ♦ Professor of the Master's Degree in Neuro-Oncology at CEU Cardenal Herrera University
- ♦ PhD in Medical and Surgical Sciences from Complutense University of Madrid (UCM)
- ♦ Master's Degree in Medical Oncology from the Spanish Society of Medical Oncology (SEOM)
- ♦ Online Master's in Palliative Care from the University of Valladolid

#### **Dr. Pérez, Vanesa**

- ♦ Pediatric Hemato-Oncologist at 12 de Octubre University Hospital
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Speaker at the Spanish Cancer Patients Group (GEPAC) Congress
- ♦ Member of: Spanish Childhood Oncology Association (ASION), Spanish Cancer Patients Group (GEPAC)

#### **Dr. Simó Parra, Marta**

- ♦ Specialist in the Neurology Department at Bellvitge University Hospital
- ♦ Researcher in the Neuro-Oncology Group at the Bellvitge Biomedical Research Institute (IDIBELL)
- ♦ PhD in Medicine from the University of Barcelona
- ♦ Member of: Cognition and Brain Plasticity Unit, Spanish Society of Neurology (SEN)

#### **Dr. Mañe Martínez, Juan Manuel**

- ♦ Attending Physician in the Medical Oncology Department at Cruces University Hospital
- ♦ Specialist and Researcher at the Biocruces Bizkaia Institute
- ♦ Instructor in the Master's Degree in Basic Oncology at the University of the Basque Country/Euskal Herriko Unibertsitatea (UPV/EHU)
- ♦ Speaker at the Spanish Society of Medical Oncology at Cruces Hospital on "Standard Chemotherapy in Ovarian Cancer"
- ♦ Member of the Spanish Neuro-Oncology Research Group (GEINO)

#### **Dr. Pérez Altozano, Javier**

- ♦ Area Specialist in the Medical Oncology Service at the Virgen de los Lirios Hospital
- ♦ Medical Oncologist at the Lilly Clinic
- ♦ Assistant Doctor of Medical Oncology at the General University Hospital of Elche

- ♦ Assistant Medical Oncologist at the Vega Baja Hospital. Orihuela, Spain
- ♦ Master's Degree in Clinical and Medical Care Management.
- ♦ Master's Degree in Immuno-Oncology
- ♦ Expert in Medical Management and Health Services Management
- ♦ Expert in Molecular Biology of Lung Cancer
- ♦ Member of the Spanish Society of Oncology

**Dr. Burón Fernández, María del Rosario**

- ♦ Medical Director Internal Medicine Department, Infanta Cristina University Hospital
- ♦ Specialist in Internal Medicine
- ♦ Degree in Medicine and Surgery

**Dr. Azkona Uribelarrea, Eider**

- ♦ Specialist in the Medical Oncology Service at Cruces University Hospital in Bilbao
- ♦ Specialist and Researcher at the Biocruces Bizkaia Institute
- ♦ Professor in the Master's Degree in Basic and Clinical Oncology at the Polytechnic University of Valencia (UPV)
- ♦ Researcher at the Biocruces Bizkaia Institute
- ♦ PhD in Health Sciences from the University of the Basque Country/Euskal Herriko Unibertsitatea (UPV/EHU)

**Dr. Castaño-León, Ana María**

- ♦ Attending Physician in the Neurosurgery Department at 12 de Octubre University Hospital
- ♦ Clinical Fellowship in the Neurosurgery Department at the University of California. San Francisco
- ♦ PhD in Medical and Surgical Sciences from Complutense University of Madrid (UCM)
- ♦ Bachelor's Degree in Medicine and Surgery from the Autonomous University of Madrid (UAM)

- ♦ Specialist in Neurosurgery from 12 de Octubre University Hospital
- ♦ Member of the Neurotraumatology and HSA Group at the imas12 Institute

**Dr. Baro Fernández, María**

- ♦ Specialist in Pediatric Hemato-Oncology at 12 de Octubre University Hospital
- ♦ PhD in Medicine from Complutense University of Madrid (UCM)
- ♦ Bachelor's in Medicine from Complutense University of Madrid
- ♦ Specialized in Pediatrics with a focus on Oncology
- ♦ Co-author of 9 journal articles for the Spanish Pediatric Association (AEP)

**Dr. Guerra García, Pilar**

- ♦ Specialist in Pediatric Hemato-Oncology at 12 de Octubre University Hospital
- ♦ Member of the Translational Research Group in Childhood Cancer, Hematopoietic Transplantation, and Cell Therapy at the Research Institute of La Paz University Hospital
- ♦ Co-author of more than twenty research articles indexed in international journals and cited in databases such as PubMed
- ♦ Speaker at the 10th National Congress of the Spanish Society of Pediatric Hematology and Oncology (SEHOP)

**Dr. Fernández Alén, José Antonio**

- ♦ Head of the Neurosurgery Department at La Princesa University Hospital
- ♦ Neurosurgeon at 12 de Octubre University Hospital
- ♦ Associate Professor in the Department of Surgery at the Autonomous University of Madrid
- ♦ Tutor for residents at Complutense University of Madrid
- ♦ PhD in Medicine from Complutense University of Madrid

- ♦ Master's Degree in Innovation and Management in Healthcare Systems from IE Business School
- ♦ Member of the Editorial Board of Neurocirugía Journal

**Dr. Andrés Conejero, Raquel**

- ♦ Specialist in the Medical Oncology Department at Lozano Blesa University Hospital
- ♦ Associate Professor at the University of Zaragoza
- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Clinical Oncology
- ♦ Member of: Executive Committee of the Spanish Society of Medical Oncology (SEOM), GEICAM (Spanish Breast Cancer Research Group)

**Dr. Iranzo Gómez, Patricia**

- ♦ Medical Director at San Carlos Hospital, HLA Hospital Group
- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Clinical Neurology
- ♦ Co-author of several scientific articles

**Dr. Grande García, Carlos**

- ♦ Specialist in Hematology and Hemotherapy at 12 de Octubre University Hospital
- ♦ Associate Professor in the Department of Medicine at Complutense University of Madrid
- ♦ Contributor to Hematology teaching and the Medical Pathology course at Complutense University of Madrid
- ♦ Tutor for Specialists in Training in Hematology and Hemotherapy at Complutense University of Madrid

- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid (UAM)
- ♦ Master's Degree in Hematopoietic Transplantation from UV
- ♦ Member of the Spanish Society of Hematology and Hemotherapy (SEHH)

**Dr. Fernández Ruiz, Alexia**

- ♦ Specialist in Medical Oncology at Lozano Blesa University Hospital
- ♦ Specialist in Medical Oncology at Barbastro University Hospital
- ♦ PhD in Medicine from the University of Zaragoza
- ♦ Author and co-author of journal articles and contributor to collective works related to cancer and its comorbidities

**Dr. Panero Perez, Irene**

- ♦ Specialist in Neurosurgery at 12 de Octubre University Hospital
- ♦ Research Collaborator in the Neurotraumatology Group at the Research Institute, 12 de Octubre University Hospital (I+12)
- ♦ Bachelor's Degree in Medicine and Surgery from Complutense University of Madrid
- ♦ Specialist in Neurosurgery from 12 de Octubre University Hospital
- ♦ Master's Degree in Clinical Problem Solving from the University of Alcalá
- ♦ Master's Degree in Aesthetic Medicine from CEU Cardenal Herrera University
- ♦ International training as an observer in the Neurosurgery Department at Addenbrooke's Hospital

**Dr. Eiriz Fernández, Carla**

- ♦ Neurosurgeon at Ribera Povisa Hospital
- ♦ Specialist in Neurosurgery at 12 de Octubre University Hospital
- ♦ Master's Degree in Neurosciences for Physicians from CEU Cardenal Herrera University



- ♦ Clinical Observer in the Tumor Area at the University of California
- ♦ Expert in English for Medicine from CEU Cardenal Herrera University
- ♦ Scientific Article Writer for the Official Journal of the Spanish Society of Neurosurgery

**Dr. Bermejo Guerrero, Laura**

- ♦ Neurologist at 12 de Octubre University Hospital
- ♦ Specialized Neurology Researcher
- ♦ Bachelor's Degree in Medicine

**Dr. Márquez Rodas, Iván**

- ♦ Coordinator of the Hereditary Cancer Unit at Gregorio Marañón General University Hospital
- ♦ Specialist in Medical Oncology at Gregorio Marañón General University Hospital
- ♦ Researcher at the Biomedical Research Foundation at Gregorio Marañón General University Hospital
- ♦ PhD in Medicine from the Autonomous University of Madrid (UAM)
- ♦ Master's Degree in Healthcare Management and Leadership from UNIR
- ♦ Expert in Clinical Genetics from UAH
- ♦ SEOM Excellence Accreditation in Hereditary Cancer Genetics

**Dr. Gonzalez de la Aleja, Jesús**

- ♦ Attending Physician in the Neurology Department at 12 de Octubre University Hospital
- ♦ Researcher at the I+12 Research Institute, 12 de Octubre University Hospital
- ♦ Specialist in Clinical Neurology
- ♦ Author and co-author of more than a dozen scientific articles and collective works

**Dr. Quilez Bielsa, Elisa**

- ♦ Specialist in the Medical Oncology Department at Lozano Blesa University Hospital
- ♦ Master's Degree in Research in Medicine
- ♦ First Prize +MIR 2018 by the Spanish Society of Medical Oncology (SEOM)
- ♦ Member and speaker for the Spanish Society of Medical Oncology (SEOM)

**Dr. Calleja Salas, Patricia**

- ♦ Attending Physician at 12 de Octubre University Hospital, Madrid
- ♦ Specialist in Neurology at 12 de Octubre University Hospital, Madrid

**Dr. Rábano Suarez, Pablo**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Specialist in Neurology at HM Montepríncipe University Hospital
- ♦ Coordinator of the New Technologies Committee of the Spanish Society of Neurology and TecnoSEN
- ♦ Member of the Winning Team at the LXXIII Annual Meeting of the Spanish Society of Neurology's Neurochallenge
- ♦ Member of the Madrid Neurology Association (AMN)
- ♦ First Prize at the II Clinical Case Competition of the Madrid Neurology Association (AMN)

**Dr. Ortega Casarrubios, María Ángeles**

- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ President of the Ethics Committee for Healthcare at 12 de Octubre University Hospital
- ♦ Specialist in Neurology at Infanta Sofía University Hospital
- ♦ Specialist in Neurology at La Paz University Hospital

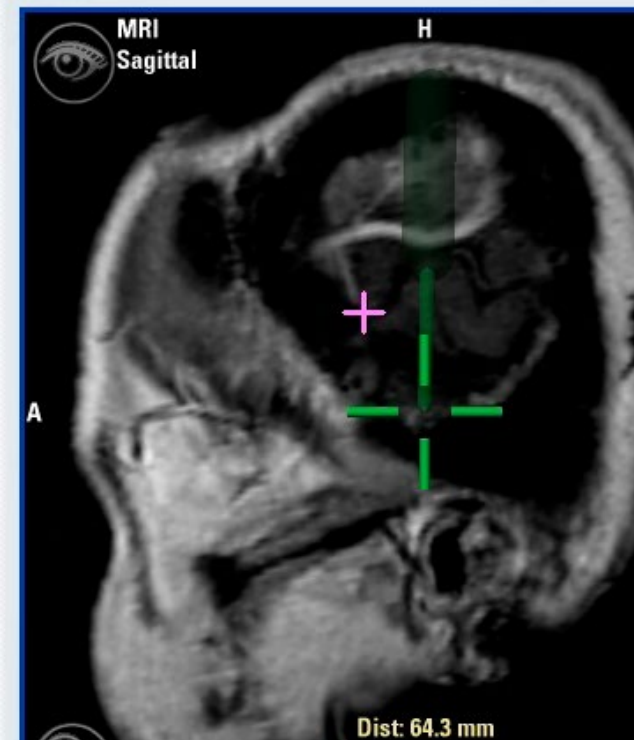
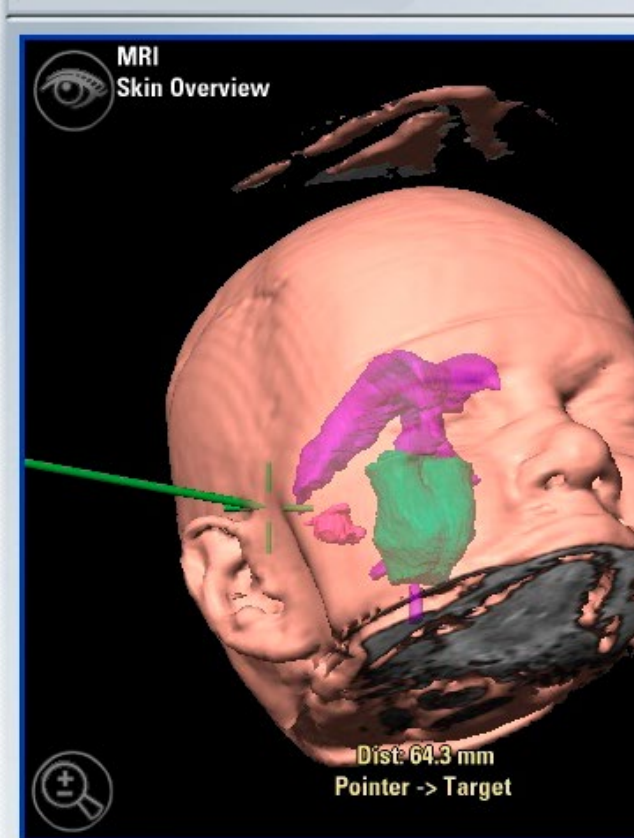
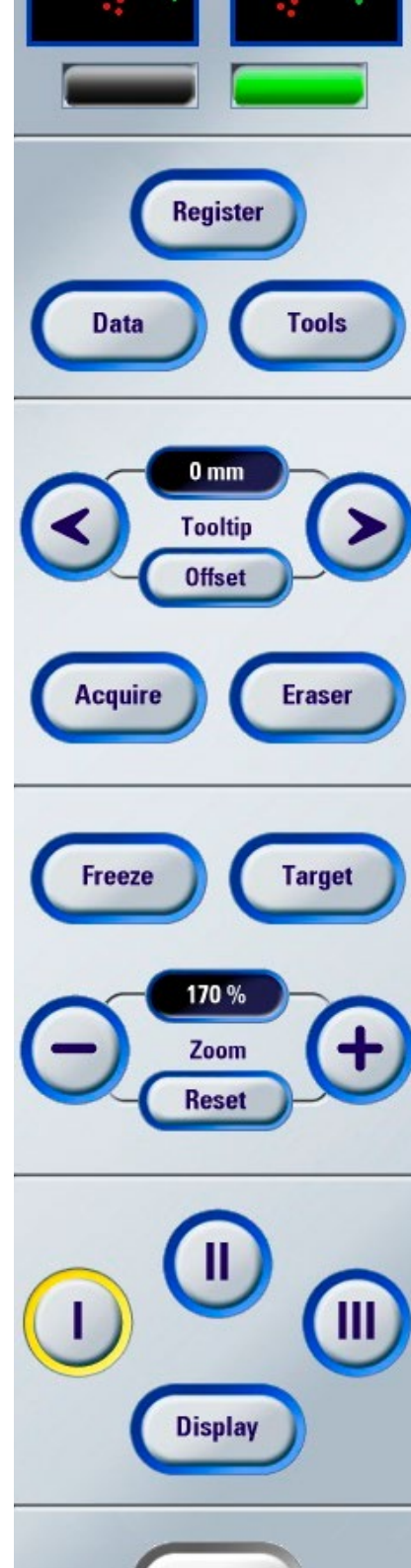
- PhD in Medicine from the Autonomous University of Madrid
- Master's Degree in Bioethics from Comillas Pontifical University ICAI-ICAIDE
- Training Course for Trainers in Bioethics from the University Foundation of Health Sciences

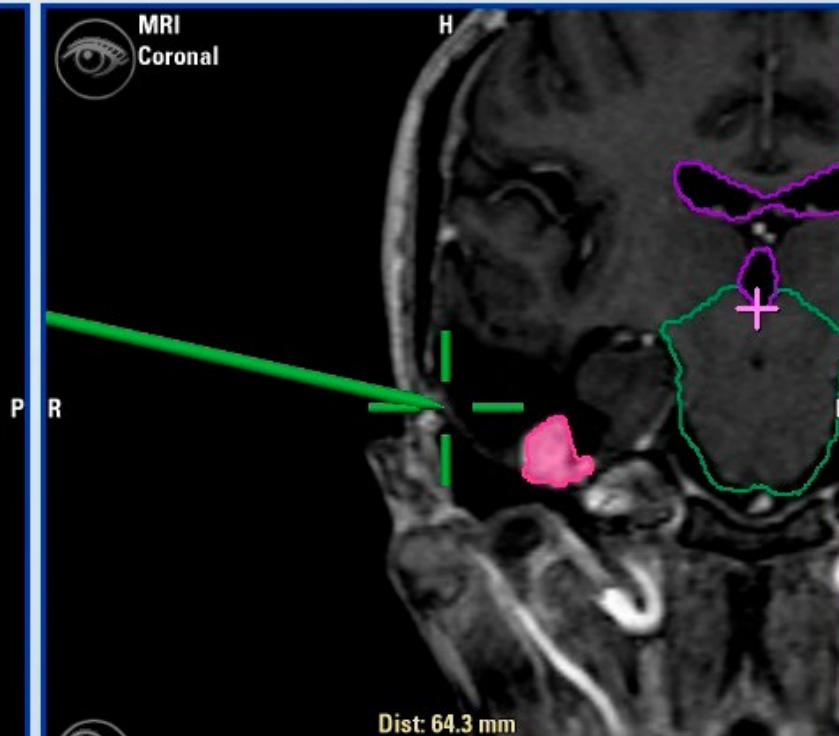
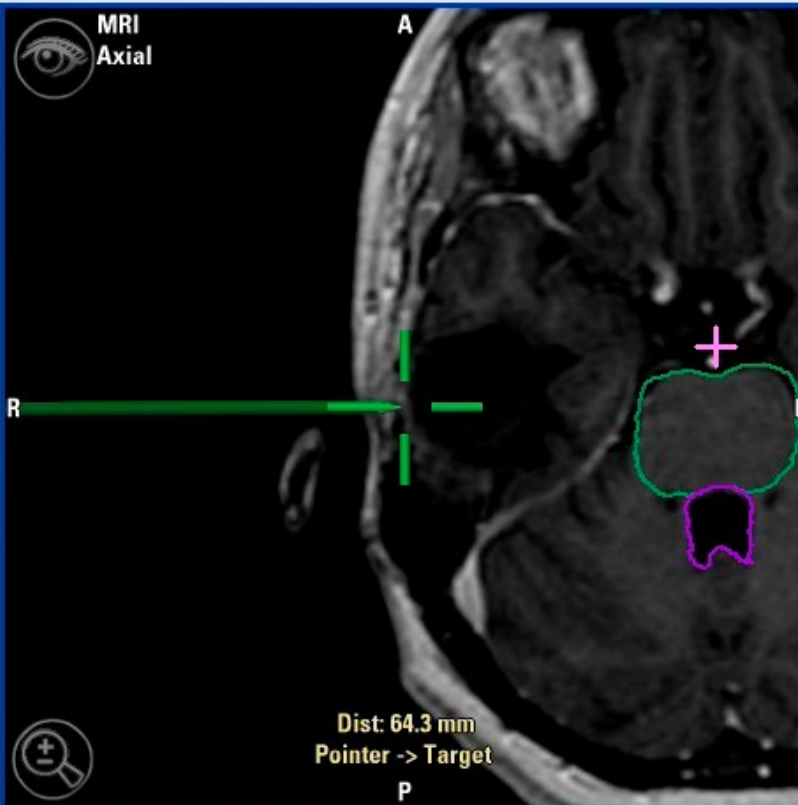
**Dr. Rodríguez López, Claudia**

- Specialist in the Neurology Department at 12 de Octubre University Hospital. Madrid
- Researcher at the Severo Ochoa Molecular Biology Center
- Researcher at the Deutsche Zentrum für Neurodegenerative Erkrankungen
- Bachelor's Degree in Medicine from the Autonomous University of Madrid (UAM)
- Degree in Physics from the National University of Distance Education (UNED)
- Specialized in Neurology
- Course for Residents in Neurodegenerative Dementias from the Spanish Society of Neurology (SEN)
- Training Course in Sleep Disorders for Neurology Residents and Attending Physicians from the Spanish Society of Neurology (SEN)
- National End of Career Award from the Ministry of Science, Innovation, and Universities

**Dr. López Blanco, Roberto**

- Specialist in Neurology at the Functional Recovery Unit at Virgen de la Poveda Hospital
- Specialist Physician in Neurology at the Functional Recovery Unit at the Virgen de la Poveda Hospital
- Specialist in Neurology at Rey Juan Carlos University Hospital
- Researcher analyzing the effect of afferent mechanical stimulation in tremor in patients with this specific condition





- ◆ PhD candidate in Medical-Surgical Sciences from Complutense University of Madrid (UCM)
- ◆ Degree in Medicine. from the Complutense University of Madrid (UCM).
- ◆ Specialized in Neurology from 12 de Octubre University Hospital

#### Dr. Panadés de Oliveira, Luísa

- ◆ Neurologist and Epileptologist at the Hospital del Mar
- ◆ Clinical Neurologist in the Epilepsy and Muscle Disorder Area at San Carlos Clinical University Hospital
- ◆ Professor of Neurology and Neurosurgery at AMIR
- ◆ PhD in Medicine from 12 de Octubre University Hospital
- ◆ Postgraduate Degree in Genomics and Precision Medicine from the International University of La Rioja (UNIR)
- ◆ Master's Degree in Neuroimmunology from the Autonomous University of Barcelona (UAB)
- ◆ Clinical Rotations at the Federal University of Minas Gerais and Ruprecht-Karls-Universität Heidelberg

#### Dr. Moreno García, Sara

- ◆ Neurologist at the Neurology Specialty Center at 12 de Octubre University Hospital
- ◆ Coordinator of the Demyelinating Diseases Unit in the Neurology Department at 12 de Octubre University Hospital
- ◆ Neurologist in the hospitalization ward, demyelinating diseases clinic, and emergency services at 12 de Octubre University Hospital
- ◆ Tutor and lecturer for Neurology Residents at 12 de Octubre University Hospital
- ◆ Master's Degree in Neuroimmunology from the Autonomous University of Barcelona

- ♦ Master's Degree in Clinical Neurology from Panamericana Medical Publishing
- ♦ Expert in Multiple Sclerosis
- ♦ Expert in Differential Diagnosis of Demyelinating Diseases

**Dr. Ballesteros Plaza, Loreto**

- ♦ Specialist in the Neurology Section at Infanta Cristina University Hospital
- ♦ Editor for the Neurology Content Portal Neurwikia
- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialized in Neurology
- ♦ Co-author of several scientific articles published in Neurology journals
- ♦ Collaborator in the 9th Preventive Medicine and Public Health Conference

**Dr. Labiano Fontcuberta, Andrés**

- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ PhD in Biomedical Sciences from Complutense University of Madrid (UCM)
- ♦ Postgraduate Studies in Advanced Neuroimaging Techniques and Applications from UMA
- ♦ Research Fellow at Carlos III Health Institute
- ♦ Clinical Research Fellow in Multiple Sclerosis at Carlos III Institute

**Dr. Galán Sánchez-Seco, Victoria**

- ♦ Specialist in the Demyelinating Diseases Unit at Virgen de la Salud Hospital
- ♦ Specialist in the Demyelinating Diseases Unit at San Carlos Clinical University Hospital
- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ PhD in Medicine from Complutense University of Madrid (UCM)
- ♦ Speaker for the Spanish Multiple Sclerosis Federation at various medical congresses

- ♦ Member and speaker for the Spanish Society of Neurology (SEN)

**Dr. Gonzalo Martínez, Juan Francisco**

- ♦ Attending Physician in the Neurology Department at 12 de Octubre University Hospital
- ♦ Supporting Neurologist in the Motor Neuron Disease Unit at the 12 de Octubre University Hospital Research Institute (i+12)
- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialized in Clinical Neurology
- ♦ Author of the poster Hemicorea as a debut of Non-Ketotic Diabetes at the 63rd Annual Meeting of the Spanish Society of Neurology

**Dr. Uriarte, David**

- ♦ Attending Physician in Neurology at the Jaén University Hospital Complex
- ♦ Neurology Department at 12 de Octubre University Hospital. Madrid
- ♦ Instructor in the III Neurology Course in Images and Videos
- ♦ Speaker at COLMED during the Basic Neurology Sessions
- ♦ Member of: Spanish Society of Neurology (SEN), Illustrious Official College of Physicians of Jaén

**Dr. Sánchez Sánchez, Carmen**

- ♦ Attending Physician in the Neurology Department at 12 de Octubre University Hospital
- ♦ Neurological Collaborator in the Ophthalmology Department at 12 de Octubre University Hospital
- ♦ Director of the Economic Area of the Spanish Society of Neurology
- ♦ Coordinator of the Clinical Management and Healthcare Quality Group in Neurology at the Spanish Society of Neurology (SEN)
- ♦ Co-author of more than thirty scientific articles

**Dr. Martín García, Hugo**

- ♦ Specialist in the Neurology Department at Infanta Cristina University Hospital
- ♦ Editor for the Neurology Digital Content Portal Neurowikia
- ♦ Author of the poster Analysis of Diplopia in the Neurology Clinic for the 72nd Annual Meeting of the Spanish Society of Neurology (SEN)
- ♦ Co-author of several research articles related to Cognitive Disorders and their derivations

**Dr. Puertas Martín, Verónica**

- ♦ Neuropsychologist and Biomedical Researcher
- ♦ Collaborator of the Enroll Group for the study of Huntington's Disease at Fundación Jiménez Díaz Hospital
- ♦ Clinical Neuropsychologist and Researcher at 12 de Octubre University Hospital
- ♦ Neuropsychologist at PCH Cognitive Stimulation
- ♦ Clinical Neuropsychologist and Researcher at Clínica de la Luz, Madrid
- ♦ Coordinator of Research in the Neuroquerty Project
- ♦ Fellowship at MD Anderson Cancer Center, USA, funded by the European Neuro-Oncology Association
- ♦ PhD in Psychology and Neurosciences from Complutense University of Madrid
- ♦ Master's Degree in Psychotherapies from the University of Barcelona
- ♦ Master's Degree in Clinical Neuropsychology for Children and Adults from the Autonomous University of Barcelona
- ♦ Bachelor's Degree in Psychology from the University of Salamanca

**Dr. Sánchez Tejerina, Daniel**

- ♦ Specialist in the Neuromuscular Diseases Unit at Vall d'Hebron University Hospital
- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ Director of the Research Project on Biomarkers in Amyotrophic Lateral Sclerosis
- ♦ Researcher in Neuromuscular Diseases at Vall d'Hebron University Hospital and Vall d'Hebron Research Institute
- ♦ Clinical Rotation in the Movement Disorders Unit at the Medical Center of Columbia University. New York
- ♦ Diploma in Health Sciences Statistics from the Autonomous University of Barcelona

**Dr. Yebra Fernández, Eva**

- ♦ Specialist in the Oncological Hematology Diagnostic Department at Severo Ochoa University Hospital
- ♦ Specialist in Hematology and Hemotherapy at Hammersmith Hospital. London
- ♦ Specialist in Hematology and Hemotherapy at Virgen de la Salud Hospital
- ♦ Specialist in Hematology and Hemotherapy at Severo Ochoa University Hospital
- ♦ Medical Specialist at Imperial College Healthcare NHS Trust
- ♦ Speaker at the 63rd National Congress of the Spanish Society of Hematology and Hemotherapy, as part of the oral communication group for the topic Liquid Biopsy Molecularly Characterizes B Lymphomas at Diagnosis, Allowing Its Use for Subsequent Monitoring

**Dr. González Sánchez, Marta**

- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ Neurologist at Carpetana Medical Center
- ♦ Specialist in Cognitive Neurology and Dementia at the UCSF Memory and Aging Center

- ♦ Researcher at the Research Institute of 12 de Octubre University Hospital in the Neurodegenerative Diseases Area
- ♦ PhD in Medical-Surgical Sciences from Complutense University of Madrid (UCM)
- ♦ Santiago Ramón y Cajal 2021 Award for Best Basic Research Article
- ♦ Member of the Madrid Neurology Association (AMN)

#### **Dr. Puente Muñoz, Ana Isabel**

- ♦ Associate Chief of the Neurophysiology Service at the La Luz Hospital Clinic.
- ♦ Head of the Clinical Neurophysiology Unit at the Central University Hospital of the Red Cross San José and Santa Adela.
- ♦ Coordinator of the Sleep and Electroencephalography Unit at Hospital Quirónsalud Sur.
- ♦ Coordinator of the Sleep Unit at the Sanitas La Moraleja University Hospital.
- ♦ Resident Medical Intern in Neurophysiology at the San Carlos Clinical Hospital
- ♦ Degree in Medicine

#### **Dr. Domínguez González, Cristina**

- ♦ Physician in the Neurology Department at 12 de Octubre University Hospital
- ♦ Researcher in the Rare Diseases, Mitochondrial, and Neuromuscular Diseases Research Group at the Health Research Institute (i+12)
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Alberto Rábano 2020 Award for her doctoral thesis

#### **Dr. Herrero San Martín, Alejandro**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Researcher in the Neurodegenerative Diseases Area at the I+12 Group at 12 de Octubre University Hospital

- ♦ Bachelor's Degree in Medicine from the Autonomous University of Madrid (UAM)
- ♦ Specialist in Sleep-Related Neurology at 12 de Octubre University Hospital
- ♦ Member of: Sleep Institute and Spanish Society of Neurology (SEN).

#### **Dr. Benito León, Julián**

- ♦ Attending Physician in the Neurology Area at SERMAS Hospital
- ♦ Expert in Neurological Pathologies and Medical-Legal Reports
- ♦ Attending Physician in Neurology at INSALUD and SERMAS
- ♦ Associate Professor in Health Sciences at Complutense University of Madrid
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Bachelor's Degree in Medicine and Surgery from the University of Alcalá
- ♦ Specialist in Clinical Neurology
- ♦ Expert in Medical Peritition in Neurology

#### **Dr. Domingo Santos, Ángela**

- ♦ Attending Physician in the Neurology Department at 12 de Octubre University Hospital
- ♦ Instructor and speaker in Neurology courses at La Mancha Centro General Hospital
- ♦ PhD in Medicine from Carlos III University of Madrid
- ♦ Author of various research articles
- ♦ Collaborator and researcher in the book Neurology and Neurosurgery

#### **Dr. Garzo Caldas, Nicolás**

- ♦ Specialist in Neurology at Can Misses Hospital
- ♦ Neurologist at Nuestra Señora del Rosario University Hospital
- ♦ Neurologist at 12 de Octubre University Hospital
- ♦ Clinical Observer at NHS Foundation Trust Hospital

- ♦ PhD in Medicine from the University of Santiago de Compostela (USC)
- ♦ Master's Degree in Neuroimmunology from the Autonomous University of Barcelona (UAB)

#### **Dr. Arcediano del Amo, Alberto**

- ♦ Specialist in the Medical Oncology Department at Guadalajara University Hospital
- ♦ Member of the team responsible for the establishment of the Cardio-Onco-Hematology Unit at Guadalajara University Hospital
- ♦ Member and researcher in the Spanish Society of Medical Oncology (SEOM)
- ♦ Member of the Scientific Committee of the 11th National Meeting on Advances in Prostate Cancer, Renal Cancer, and Bladder Cancer
- ♦ Co-author of the book *Clinical Archives of Breast Cancer. Volume V*

#### **Dr. Llamas Velasco, Sara**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Researcher at the CIBERNED (Biomedical Research Center Network for Neurodegenerative Diseases)
- ♦ PhD in Biomedical Sciences from Complutense University of Madrid (UCM)
- ♦ Co-author of more than 40 scientific articles related to Neurological Areas
- ♦ Main collaborator in two research projects: Alzheimer's prevention from childhood and NEDICES (Neurological Disorders in Central Spain)

#### **Dr. Saiz Díaz, Rosa Ana**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Coordinator of the Neurodidacta platform for courses related to Epilepsy
- ♦ Specialist in Neurology and Neurophysiology
- ♦ Member of: Spanish Society of Neurology (SEN), Madrid Neurology Association (AMN)

#### **Dr. Ruíz Ortíz, Mariano**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Attending Physician in Neurology at 12 de Octubre University Hospital
- ♦ Neurologist at the Quirónsalud Group at La Luz Hospital and Quirónsalud Valle del Henares Medical Center
- ♦ Professor at the AMIR Academy in MIR Studies
- ♦ Master's Degree in Neuroimmunology from the Autonomous University of Barcelona
- ♦ Master's Degree in Clinical Medicine from the Camilo José Cela University

#### **Dr. Méndez Guerrero, Antonio**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Medical Collaborator in the Calligraphy to Stop Parkinson's Disease project
- ♦ Member of the Madrid Neurology Association (AMN)
- ♦ Speaker at the 12th Annual Meeting of the Madrid Neurology Association (AMNE) on Infundibulohypophysitis as a Manifestation of Systemic Lymphoma and Stroke Mimic by Listeria

#### **Dr. Díaz Guzmán, Jaime**

- ♦ Coordinator of the Stroke Unit at 12 de Octubre University Hospital
- ♦ Associate Professor in Health Sciences at Complutense University of Madrid
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Specialist in Neurology from 12 de Octubre University Hospital
- ♦ Author of more than a dozen scientific articles
- ♦ Co-author of the book *Cien Escalas en la Neurología*

#### **Dr. Villarejo Galende, Alberto**

- ♦ Head of the Neurology Section at 12 de Octubre University Hospital
- ♦ Attending Physician in the Neurology Unit at La Luz Clinic
- ♦ Associate Professor in the Department of Medicine at Complutense University of Madrid
- ♦ Neurology Tutor for Residents
- ♦ PhD in Medicine from Complutense University of Madrid
- ♦ Diploma in Health Sciences Statistics

#### **Dr. Martínez Salio, Antonio**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Editor for the Neurology Content Portal NeuroWikia
- ♦ PhD in Medicine from Complutense University of Madrid (UCM)
- ♦ Member of: Neurogeriatrics Study Group, Neuropathic Pain Study Group, Neurorecordings Scientific Team, Spanish Society of Neurology (SEN)

#### **Dr. De la Morena Vicente, Maria Asunción**

- ♦ Assistant Medical Specialist in Neurology at Infanta Cristina University Hospital, Madrid.
- ♦ Area Specialist in Neurology at San Carlos Clinical Hospital, Madrid
- ♦ Specialist in Neurology
- ♦ Research Project Manager of the Foundation for Biomedical Research, San Carlos Clinical Hospital, Madrid
- ♦ Specialist in Neurology, private professional activity at Center of Neurological Studies, Sanitas Hospital, ICE Medical Center and Hospital Sanitas La Moraleja.
- ♦ Collaborator in Practical Teaching in the Department of Medicine of the Complutense University of Madrid.

- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid (UAM)
- ♦ Doctorate courses in Neurosciences by the Faculty of Medicine of the UCM.
- ♦ Specialty in Neurology via MIR by the San Carlos Clinical Hospital, Madrid.
- ♦ Specific Training Program in Epilepsy of the Spanish Society of Neurology, carried out at the Epilepsy Unit of the Clinical Hospital of Barcelona.
- ♦ Member of: Spanish Society of Neurology, Spanish Society of Epilepsy, Madrid Association of Neurology, Research Committee at the University Hospital Infanta Cristina and Innovation Committee for the Institute of Health Research at the University Hospital Puerta de Hierro Majadahonda.

#### **Dr. Pérez, Vanesa**

- ♦ Pediatric Hemato-Oncologist at 12 de Octubre University Hospital
- ♦ Doctor of Medicine from the Complutense University of Madrid.
- ♦ Speaker at the Spanish Cancer Patients Group (GEPAC) Congress
- ♦ Member of: Spanish Childhood Oncology Association (ASION), Spanish Cancer Patients Group (GEPAC)

#### **Dr. Mejías Estévez, Manuel**

- ♦ Coordinator of the Palliative Care Working Group of the Spanish Society of Primary Care Physicians.
- ♦ Advisor to the Technical Committee of the Palliative Care Strategy for the National Health System
- ♦ Director of the Department of Training and Research at the SantÁngela Institute
- ♦ Family Doctor for different instances and centres in the Andalusian Health Service.
- ♦ Master's Degree in Palliative Care from the Comillas Pontifical University.
- ♦ Master's Degree in Care for Caregivers of Dependent Persons from the University of Seville.



- ♦ Expert in Pain in Primary Care by the University of Cadiz.
- ♦ Degree in Medicine and Surgery

#### **Dr. Blanco Palmero, Victor**

- ♦ Neurologist in the Memory Unit at Ruber Internacional Hospital
- ♦ Neurologist in the Cognitive Decline and General Neurology Unit at 12 de Octubre University Hospital
- ♦ Researcher at the i+12 Research Institute, 12 de Octubre University Hospital, in the Neurodegenerative Diseases Group
- ♦ Bachelor's Degree in Medicine and Surgery from the University of Valladolid
- ♦ Master's Degree in Research Methodology: Design and Statistics in Health Sciences from the Autonomous University of Barcelona
- ♦ University Expert in Digital Teaching for Medicine from CEU Cardenal Herrera University

#### **Dr. Sánchez Tornero, Mario**

- ♦ Specialist in the Neurology Department at 12 de Octubre University Hospital
- ♦ Researcher in the I+D+i Promotion Program in the i+12 project at 12 de Octubre University Hospital
- ♦ Speaker at the 41st Annual Meeting of the Spanish Society of Pediatric Neurology (SENEP)
- ♦ Member of: Spanish Society of Neurology (SEN), Madrid Neurology Association (AMN)

#### **Dr. León Ruiz, Moisés**

- ♦ Specialist in Neurology at Sureste University Hospital
- ♦ MIR in Clinical Neurophysiology at La Paz University Hospital
- ♦ Specialist in Neurology at Sureste University Hospital
- ♦ Specialist in Neurology at Quirónsalud San José Hospital
- ♦ Specialist in Neurorehabilitation at San Vicente Clinic
- ♦ Member and promoter for the Spanish Society of Neurology (SEN)

#### **Dr. Ostos, Fernando**

- ♦ Specialist in Neurology at 12 de Octubre University Hospital
- ♦ Instructor in Pharmacology and Toxicology at Complutense University of Madrid (UCM)
- ♦ Contributor to Neurorecordings Journal
- ♦ Co-author of various scientific articles related to Neurological Areas and Cognitive Health
- ♦ Member of: i+12 Research Group at 12 de Octubre University Hospital, Madrid Neurology Association (AMN)

#### **Dr. Yebra Yebra, Miguel**

- ♦ Specialist in Internal Medicine at the Ramón and Cajal University Hospital
- ♦ Internist at Quirónsalud
- ♦ Medical Specialist of the Internal Medicine Service at the Rey Juan Carlos University Hospital (Madrid).
- ♦ Specialist in Internal Care Medicine at the 12 de Octubre University Hospital
- ♦ Bachelor's Degree in Medicine and Surgery from the University of Alcalá

**Dr. Botella Romero, Francisco**

- ♦ Head of the Endocrinology and Nutrition Department at the Albacete University Hospital Complex
- ♦ Head of the Endocrinology and Nutrition Service at the Albacete University Hospital Complex and Integrated Care Management.
- ♦ Researcher specialized in Endocrinology and Nutrition.
- ♦ Coordinator of the Nutrition Area, Spanish Society of Endocrinology Nutrition
- ♦ Assistant Physician at the Puerta de Hierro Clinic.
- ♦ Degree in Medicine and Surgery

**D. Perdices Ramírez, Javier**

- ♦ CEO and Board Member at ChipCard Salud
- ♦ CIO at Redsys Healthcare
- ♦ Director of E-Health at Artica Telemedicine of the CMC Group
- ♦ Researcher at ETSIT in the Bioengineering and Telemedicine Group.
- ♦ Master's Degree in ICT Systems for Health from the Universitat Oberta de Catalunya
- ♦ Diploma in Advanced Studies and Research Sufficiency from the Polytechnic University of Madrid

**Dr. Vicente Martín, Cristina**

- ♦ Head of the Palliative Care Unit at Rey Juan Carlos University Hospital
- ♦ Specialist in Internal Medicine at Nuestra Señora del Prado General University Hospital
- ♦ Specialist in Internal Medicine at Severo Ochoa University Hospital, with attention in the Acute Palliative Care Unit
- ♦ Specialist in Palliative Care at the San José Institute Foundation
- ♦ Specialist in Palliative Care at Rey Juan Carlos University Hospital
- ♦ Specialist in Internal Medicine at Infanta Elena University Hospital
- ♦ Specialist in Internal Medicine at Severo Ochoa University Hospital
- ♦ Master's Degree in Palliative Medicine and Supportive Care for Cancer Patients from the Autonomous University of Madrid
- ♦ Master's Degree in Design and Statistics in Health Sciences by the Autonomous of Barcelona
- ♦ Dr. Weber Sánchez, Luis Alejandro
- ♦ Director of Advanced Laparoscopic Surgery at the Angeles de las Lomas Hospital.
- ♦ Doctorate in Health Sciences from the University Anáhuac
- ♦ Master's Degree in Bioethics from the Institute of Humanities, Anahuac University.
- ♦ General Surgery Specialist at the General Hospital of Mexico.
- ♦ Consultant Specialist in Laparoscopic Surgery at the General Hospital of Mexico.
- ♦ Master's Degree in Teacher Training from Anahuac University.
- ♦ Diploma in Innovations from Anahuac University. Technologies for the 21st Century Teacher

**Dr. Olivas Varela, José Ángel**

- ♦ Director of the Soft Management of Internet and Learning Research Group
- ♦ Research Collaborator at the Berkeley Initiative in Soft Computing, University of California
- ♦ Research Collaborator at the Artificial Intelligence Center at SRI International, Stanford University.
- ♦ Research Collaborator of the Aerospace Engineering and Services Group (INSA-NASA)
- ♦ Director of the IT Department at Project & Portfolio Management (PPM)
- ♦ Consultant in Intelligent Systems for companies such as Southco, Danone or ATT.
- ♦ Member of the Spanish Association for Artificial Intelligence. Computer Management

**Dr. Sancho, Aintzane**

- ♦ Specialist in the Medical Oncology Department at Cruces University Hospital
- ♦ Attending Physician in Oncology at Osakidetza-Basque Health Service
- ♦ Attending Physician in Medical Oncology at Cruces University Hospital
- ♦ Instructor in the Master's Degree in Basic and Clinical Oncology at the University of the Basque Country/Euskal Herriko Unibertsitatea
- ♦ Tutor for Oncology Practicums at Cruces University Hospital
- ♦ Co-author of more than 30 scientific articles

**Dr. Cabrera Gonzalez, Miguel Luis**

- ♦ Head of IT at the University Hospital Son Espases
- ♦ Senior Engineer of Computer Science
- ♦ Degree in Medicine and Surgery

# 07 Certificate

The Professional Master's Degree in Neuro-Oncology guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Professional Master's Degree issued by TECH Global University.



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

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

Title: **Professional Master's Degree in Neurologic Oncology**

Modality: **Online**

Duration: **12 months.**

Accreditation: **60 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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**Professional  
Master's Degree  
Neuro-Oncology**

- » Modality: Online
- » Duration: 12 months.
- » Certificate: TECH Global University
- » Accreditation: 60 ECTS
- » Schedule: at your own pace
- » Exams: online

# Professional Master's Degree

## Neuro-Oncology

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