



LEARNING
BY DOING



27/28

SUPERVISOR'S MASTERCLASS

OF THE CLINICAL TRANSLATIONAL PROGRAMS

Join our high quality educational program to learn the methods of translational medicine.



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TMFoundationHQ



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TM-CENTRE.ORG

SEMMELWEIS UNIVERSITY
CENTRE FOR TRANSLATIONAL MEDICINE

PROGRAM SUMMARY

BASIC INFORMATION ABOUT THE PROGRAM

Welcome to the "**Supervisor's Masterclass**" a comprehensive course designed to equip the participants with the essential skills for supervisory success in any field, especially in academic and research settings. Supervisors in these environments face unique challenges that require a robust set of skills to manage teams, communicate effectively, and lead with confidence. This course will help the participants develop the skills to inspire and guide their team. This course is particularly vital for individuals engaged in graduate or postgraduate education, especially for those working within universities and research institutions.

Our program includes **13 topics, 184 engaging video lectures, and 9 interactive workshop days**, ensuring a balanced approach to both theoretical knowledge and practical application. Each workshop focuses on key areas such as time management, communication, adaptability, leadership, and team collaboration. Participants will also gain valuable insights into crisis management, article writing and management, grant writing, and entrepreneurship. Enroll now and take the first step towards becoming a successful supervisor, capable of leading with excellence and making a significant impact in your academic and research endeavors.

WHAT WE'RE OFFERING

- Learn the important skills to succeed in any field
- Specific important information for success in research (grants, articles) "
- Interactive practice days

TIME COMMITMENT OF THE PROGRAM

- Each workshop is 8 hours long, approximately once a month from September 2026 to June 2027
- 24 hours of lecture materials (184 videos, 1783 slides)

STRUCTURE OF THE PROGRAM

The course consists of 184 videos comprising a total of 1783 slides. Each video addresses one topic and the course is designed specifically to consist of short videos, which can be watched during convenient times throughout the day. These videos are complemented by 8 workshop days of 8 hours each, occurring from September until June, on Tuesday, Wednesday, or Thursday (attendance on a particular day is by personal choice).

PROGRAM DIRECTOR

Péter Hegyi, MD, PhD, DSc, MAE

ORGANIZERS

Centre for Translational Medicine & Semmelweis University

INTRODUCTION

OF THE COLLABORATING INSTITUTES



SEMMELWEIS UNIVERSITY

Semmelweis University's (SU) history started more than 250 years ago in 1769. Today, SU is one of the leading institutions of higher education in Hungary and the Central European Region in the field of medicine and health sciences. At SU, our core commitment is based on the integrity of education, research, and medicine, which makes the University an internationally recognized center of excellence.

TRANSLATIONAL MEDICINE FOUNDATION

The **Translational Medicine Foundation** aims to facilitate the application of scientific results and innovations in healthcare. It promotes data exchange among universities, hospitals, and research centers to improve the quality and efficiency of multicenter research, while supporting both professionals and the public in implementing evidence-based knowledge through various platforms. The Foundation also organizes conferences and training programs and provides support for research services and human resource selection.

THE HISTORY

OF TRANSLATIONAL MEDICINE IN HUNGARY



The **Translational Medicine (TM)** “learning by doing” education model was launched at the University of Pécs in Hungary in 2016 under the leadership of Péter Hegyi. Between 2016 and 2021, almost 50 PhD students and residents have participated in our programs. During this period, more than 300 high-quality publications have been published through scientific research and translational patient care initiatives with support from the **Translational Medicine Foundation**, the University of Pécs, the University of Szeged, and Semmelweis University.

The results have enabled the development and supplementation of several treatment guidelines, allowing for the immediate application of scientific findings in patient care ([Nature Medicine](#) - click on link).

Semmelweis University (SU) aims to rank among the world's best universities and recognize the importance and high potential of translational medicine. Therefore, in 2021, this program was invited to function on a much bigger scale than before, now under the umbrella of Semmelweis University. As a result, the training at SU has already enrolled almost 600 PhD and MSc students and more than 200 undergraduate research students.

THE IMPORTANCE

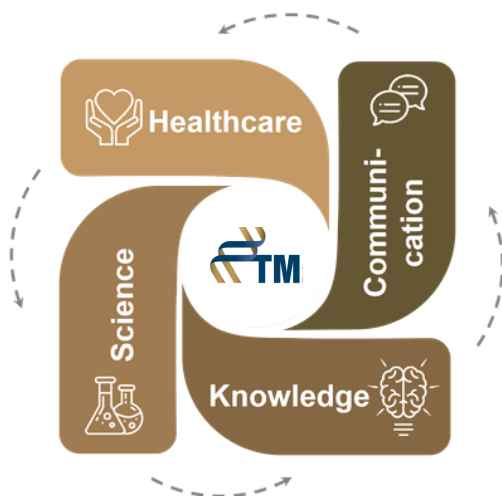
OF TRANSLATIONAL MEDICINE

The key goal of **Translational Medicine (TM)** is to transform scientific discoveries into tangible benefits for communities. This is crucial because scientific findings are currently underutilized in everyday medical practice, limiting their potential to save lives. In 2016, 1.7 million people under the age of 75 died in Europe, **and 1.2 million of these deaths could have been prevented** with effective public health interventions and better use of medical research.

Recognizing this, **Academia Europaea** launched a groundbreaking project in 2018 to speed up the application of scientific knowledge for the public good. Leading researchers, journal editors, and academic experts came together to develop the TM cycle—a model designed to close the gap between science and clinical practice. The **TM cycle** focuses on generating new scientific insights, making them accessible to healthcare providers, and communicating them effectively to the broader public. This approach aims to deliver more efficient, cost-effective healthcare—and that's where our summer school comes in.

By attending this program, you'll gain hands-on experience with the TM cycle, learning how to apply cutting-edge research directly to patient care. You'll work alongside international experts, growing your professional network and contributing to the future of global healthcare innovation. Join us to help make a real-world impact by transforming research into life-saving solutions.

Don't miss the chance to join the movement improving healthcare for everyone!



STRUCTURE

OF THE TRAINING



Public speaking and presentation skills: Scientists and physicians may need to present their findings at conferences, to patients, or to the public. Effective public speaking and presentation skills can enhance their impact and credibility.



Communication skills: Effective communication is paramount. Physicians need to convey complex medical information to patients and their families, while scientists must communicate research findings to colleagues, funders, and the general public. Listening skills are equally important to understand patient concerns or collaborate effectively with other researchers.



Adaptability & Flexibility: The fields of medicine and science are ever-evolving. Professionals must adapt to new technologies, treatments, and research methodologies. Being open to change and continuous learning is essential.



Time management: Managing time efficiently is crucial, as physicians and scientists often juggle multiple responsibilities, from patient care to research projects. Effective time management ensures that tasks are completed promptly and with quality.



Leadership & Management: As one progresses in their career, leadership skills become increasingly important. Physicians may lead medical teams, and scientists might lead research projects or teams. Leadership qualities like decision-making, delegation, and mentorship are valuable. However, operational management, often referred to as operations management, is the process of designing, overseeing, and controlling the day-to-day activities and processes within an organization to ensure efficient and effective operations. It involves coordinating resources, processes, and people to achieve organizational goals.



Teambuilding & Collaboration: Collaboration is integral in both professions. Physicians work in multidisciplinary teams, and scientists often collaborate on research projects. Being able to work effectively with others, delegate tasks, and share credit is essential. Team building is the process of enhancing the cohesion, collaboration, and performance of a group of individuals working together toward common goals. Effective team building involves various elements and activities to create a positive and productive team dynamic.



Crisis prevention & Management: Crisis management at a personal level involves a set of strategies and actions to effectively respond to and navigate challenging or unexpected situations. Here are the basic elements of personal crisis management.



Thinking smart: "Thinking smart" typically refers to the use of cognitive processes and strategies that lead to effective, efficient, and insightful thinking.



The secret of success: Achieving a high level of success in any area of life typically requires a combination of skills, traits, and habits. While success can be subjective and vary greatly from person to person, there are several fundamental skills and qualities that can contribute to a person's ability to reach their goals and aspirations.



Entrepreneurship: Entrepreneurship is a broad and multifaceted field, and covering its basics in a training session can be quite beneficial. Here are some key topics and points you can include in your training on entrepreneurship.



WORKSHOPS

OF THE POSTGRADUATE CERTIFICATE COURSE

TOPIC	TYPE	WEEK OF:
Public speaking, Presentation skills	E-learning	27/08/30
	Workshop	27/09/06
Time management, Communication	E-learning	27/10/18
	Workshop	27/10/25
Thinking smart, Secret of success	E-learning	27/11/29
	Workshop	27/12/13
Article writing, Research ethics	E-learning	28/01/31
	Workshop	28/02/07
Adaptability and flexibility, Crisis management	E-learning	28/02/14
	Workshop	28/02/21
Article management	E-learning	28/02/29
	Workshop	28/03/07
Leadership and management, Teambuilding and collaboration	E-learning	28/03/28
	Workshop	28/04/04
Grant writing	E-learning	28/05/09
	Workshop	28/05/16
Entrepreneurship	E-learning	28/05/23
	Workshop	28/05/30



Each workshop is held on four separate days (Tuesday-Friday), and it is up to the participant's discretion which of the day(s) they wish to attend. If the workshop date changes, we will inform the participants as soon as possible.

CERTIFICATE

REQUIREMENTS

COURSE NAME	E-LEARNING (HOURS)	PRACTICE DAYS
Public speaking, Presentation skills	2.5	1
Time management, Communication	3.5	1
Thinking smart, secret of success	4.5	1
Article writing, Research ethics	2	1
Adaptibility and flexibility, Crisis management	2	1
Article Management	1	1
Leadership and management, Teambuilding and collaboration	3.5	1
Grant writing	1	1
Entrepreneurship	1	1
Overall Supervisor Course Time Commitment	approx 20h	9 occasion
Minimum attendance requirements	100%	75%

APPLICATION

HOW TO JOIN OUR PROGRAM

CLICK HERE
OR SCAN THE
CODE TO APPLY



TUITION FEE

3000 Euros

50% discount for Semmelweis University, University of Pécs, and University of Szeged affiliates

APPLICATION DEADLINE

August 23, 2027

ELIGIBILITY

Completed a Graduate degree, such as MSc, MD, or PhD

AVAILABLE PLACES

15 person/course

ENTRANCE INTERVIEWS

The interviews will be held in the first week of **week of 23th of August, 2027**.

REQUIRED DOCUMENTS

For this course, you are required to upload the following documents when applying:

- Motivation Letter
- CV

PAYMENT

After completing the application form, you will be contacted by our staff, and we will provide the payment information.

RESPONSIBILITIES OF THE CENTRE

The Centre will provide access to the training materials in case of successful recruitment, but this does not cover the technical requirements for access, particularly a stable internet connection and computer equipment. The application fee covers the costs of the application procedure, and the Centre does not undertake to reimburse the costs of unsuccessful applications. Students who are successfully admitted will be offered a training contract by the Centre. Hungarian law will apply to the application process and the training as a whole.

CONTACT US

FOR MORE INFORMATION

Should you need any further information, please do not hesitate to contact us! Also feel free to check out our and our partner's online content as well.

ORGANIZATION NAME

Semmelweis University, Centre for Translational Medicine

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tm-centre.org, semmelweis.hu/tmk

YOUTUBE CHANNEL

Translational Medicine Foundation

NATIONAL ACADEMY OF SCIENCES

edu-sci.org

ACADEMIA EUROPAEA

ae-info.org





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