

# SEMEN ANALYSIS WORKSHOP

May 18, 2024

## GENERAL INFORMATION

The aim of the course is to provide a basis for improved standards of basic semen analysis. It is a strong recommendation that each laboratory is represented both by a person with medical responsibility and by a person with responsibility for the practical laboratory work.

The course complies with the WHO (v6) semen analysis standards and is organised by University Medical Centre in collaboration with the Faculty of Medicine, University of Maribor.

Course language: **English**

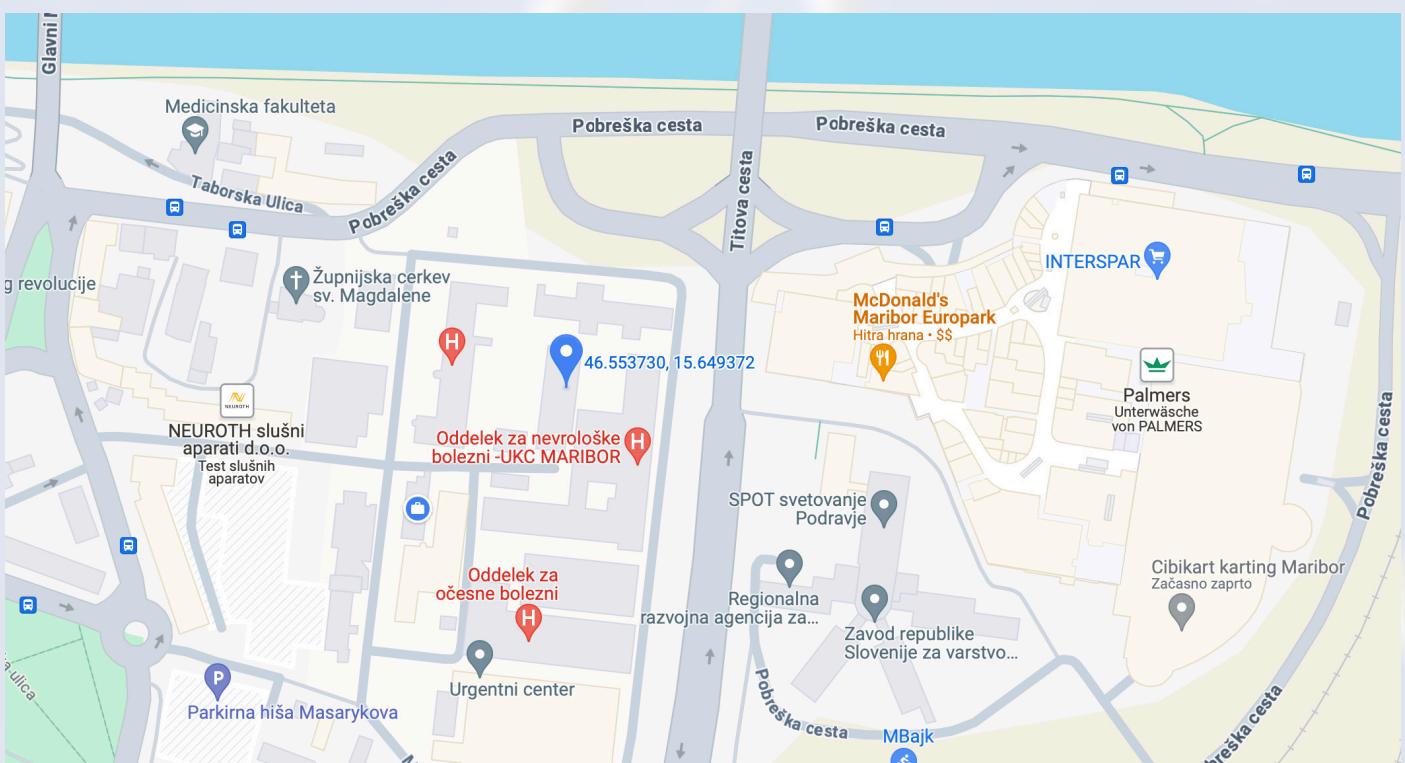
**Speakers and Tutors: Borut Kovačič, PhD, Milan Reljič, MD PhD, Nejc Kozar, MD PhD, Nina Hojnik, Erika Prašnikar, Katarina Kovač, Petra Roglič**

**Contents:** Workshop consists of theoretical lessons covering male infertility from etiology to diagnostics and treatment from the physicians point of view, followed by theoretical lessons about laboratory practice. Practical session will be held on microscope with hands on training of the basic semen analysis techniques according to WHO manual version 6.

**Course fee: 120EUR + VAT**

Fee includes lectures, printed handouts of presentations, practical exercises, lunch and breaks. The WHO laboratory manual and other books are not included.

**VENUE: Institute for anatomy and embriology, Faculty of Medicine, University of Maribor  
Ljubljanska ulica 5, 2000 Maribor**



# PROGRAMME

<b>Theoretical part</b>	
08:45 – 09:00	Registration
09:00 – 09:10	Basic introduction to laboratory work
09:10 – 09:30	Etiology and diagnosis in male infertility
09:30 – 09:50	Treatment of male infertility
09:50 – 10:20	Coffee break
10:20 – 10:40	Introduction to basic principles of semen analysis
10:40 – 11:00	WHO 5 vs WHO 6
11:00 – 11:20	Basic principles of quality control
11:20 – 11:50	Coffee break
<b>Practical part</b>	
11:50 – 13:30	Sample collection and macroscopic examination
	Sperm concentration measurement
	Sperm motility and vitality
	Assessment of sperm morphology
	Antisperm antibodies
<b>Lunch 13:30 – 14:30</b>	
<b>Practical and Demonstration part</b>	
14:30 – 16:00	Introduction to sperm kinematics CASA
	Sperm preparation methods
	Sperm and tissue cryopreservation
	<i>General discussion</i>