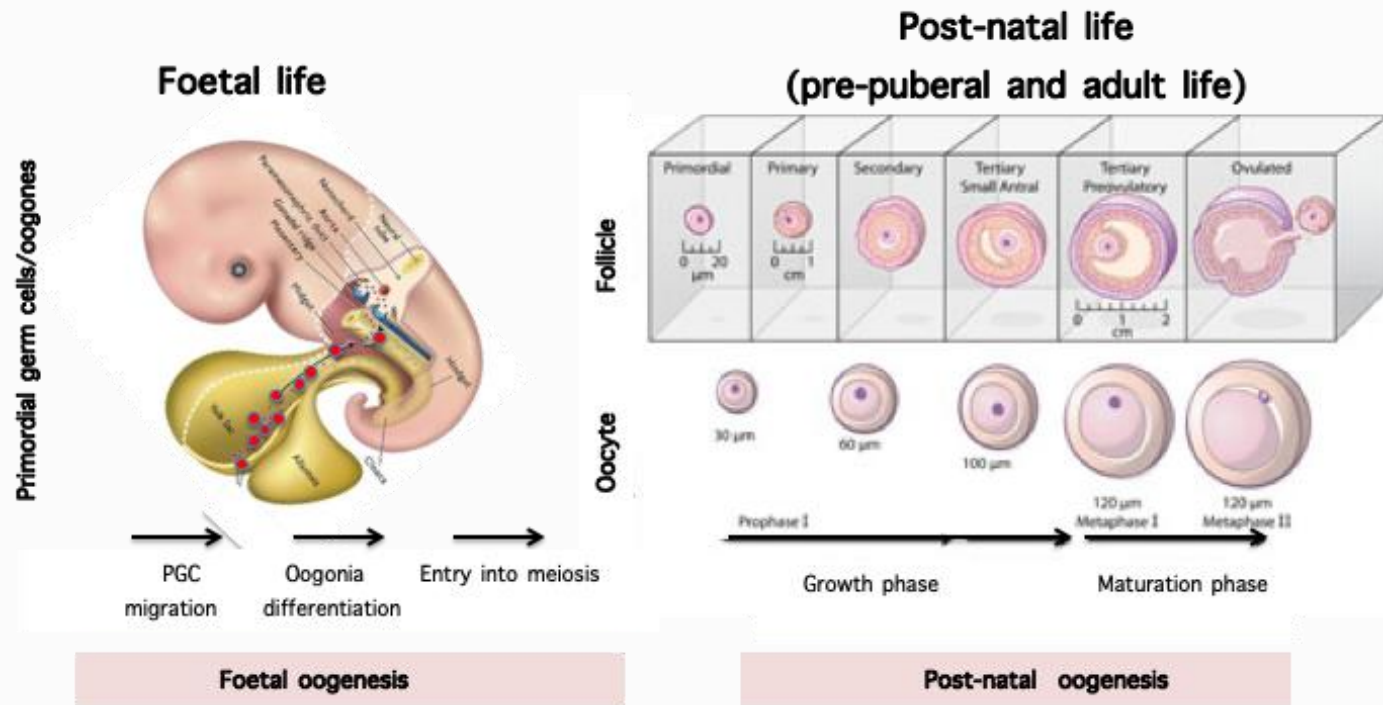


BIOLOGY OF GAMETES: OBJECTIVES



OVERVIEW ON THE OOGENESIS



Structural and biochemical modifications during oogenesis



TIMING
When modifications occur?

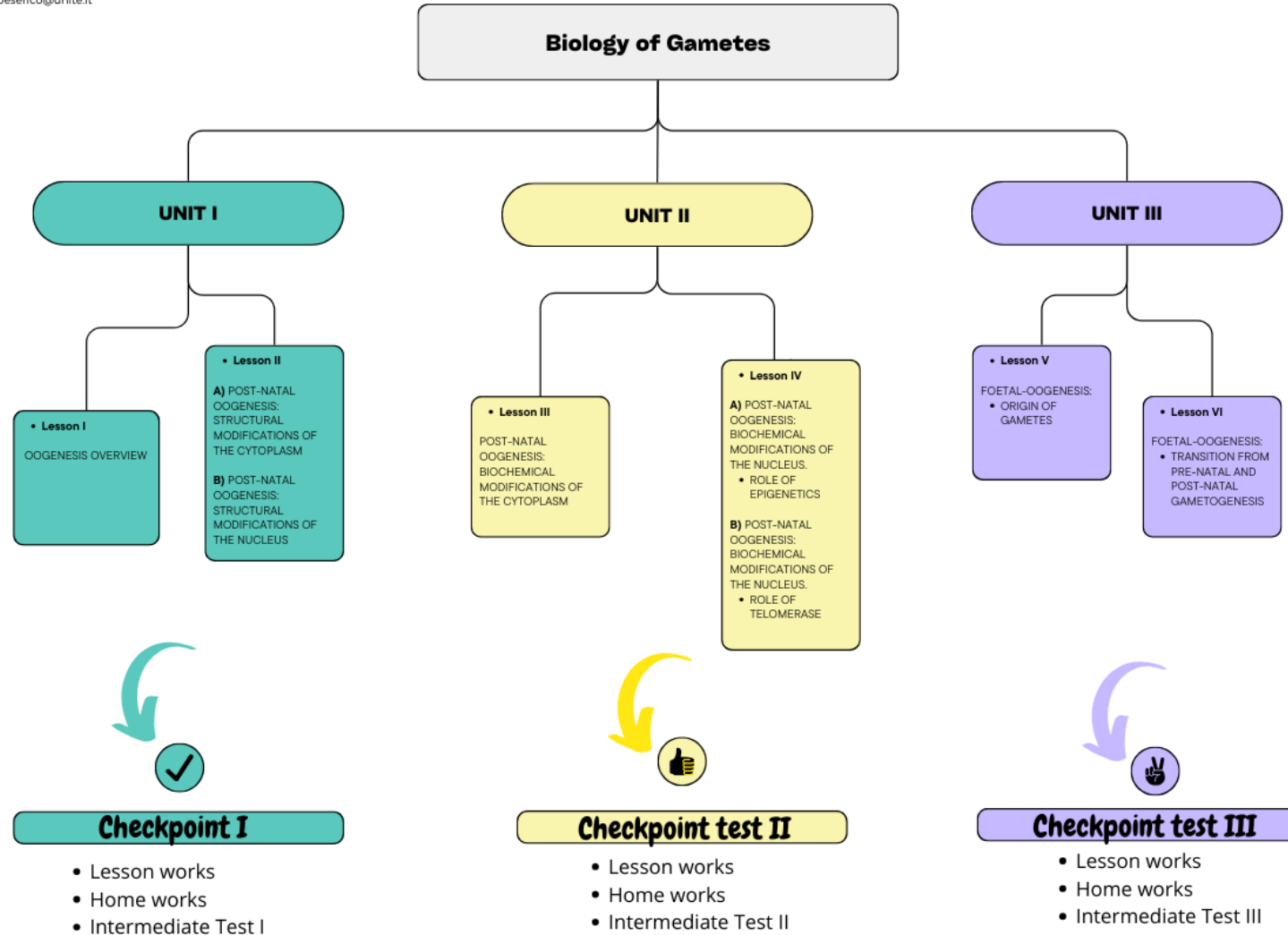


To what extent the various phases of oogenesis affect female fertility by influencing the ultimate events of fertilization and blastocyst formation?

Biology of gametes and techniques of IVM and IVF

TALK TO US

apeserico@unite.it



LESSON and HOME WORKS

Teamwork to consolidate lesson concepts

INTERMEDIATE TEST

Multi-choice questionnaire

COURSE TIME SHEET

		REPRODUCTIVE BIOTECHNOLOGIES 2024/2025					BIOLOGY OF GAMETES and IVM& IVF techniques				
		I Week 3-7 February 2024					II Week 10-14 February 2024				
		Monday 3	Tuesday 4	Wednesday 5	Thursday 6	Friday 7	Monday 10	Tuesday 11	Wednesday 12	Thursday 13	Friday 14
10.00		UNIT-I LESSON I (Introduction to ogenesis) LESSON II (post-natal oogenesis: structural modification cytoplasm)			LAB SESSION I	LAB SESSION III		UNIT II LESSON I (post-natal oogenesis: biochemical modification cytoplasm)			Intermediate Test UNIT-I (10:00 - 11:00)
11.00											
12.00											
13.00											
14.00		UNIT-I LESSON III (post-natal oogenesis: structural modification nucleus)		UNIT-I CLASS WORK	LAB SESSION II		UNIT II LESSON II (post-natal oogenesis: biochemical modification nucleus PART-A)				
15.00											
16.00											
17.00											
		III Week 17-21 February 2024					IV Week 24-28 FEBRUARY 2024				
		Monday 17	Tuesday 18	Wednesday 19	Thursday 20	Friday 21	Monday 24	Tuesday 25	Wednesday 26	Thursday 27	Friday 28
9.00			UNIT-III LESSON I (Foetal oogenesis)	UNIT-III LESSON II (From foetal to post-natal oogenesis)			Intermediate Test UNIT- II (9:30 - 10:30)				
10.00											
11.00											
12.00						LAB SESSION IV (retrieval of ovine foetal ovaries)					
13.00											
14.00											
15.00											
16.00											
17.00											
		V Week 3-7 March 2024									
		Monday 3	Tuesday 4	Wednesday 5	Thursday 6	Friday 7					
10.00		Intermediate Test UNIT-III (10:00 - 11:00)									
11.00											
12.00											
13.00											
14.00											
15.00											
16.00											
17.00											

LESSONS

A unit will be completed each week

TIMING FOR THE INTERMEDIATE TESTS

You will have one week to study each unit before taking the intermediate test.

INTERMEDIATE TESTS AND SCORE

Each test consists of 35-40 multiple-choice questions.

The average of the scores from the three intermediate tests will constitute the final grade, which will then be averaged with that of Prof. Gioia's module.

TO PASS THE COURSE

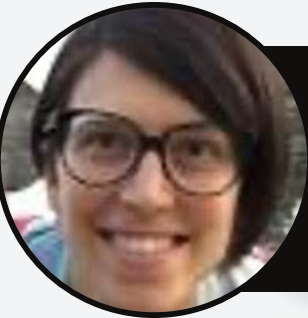
3 intermediate tests passed and accepted: the average score obtained will be sufficient for grading.

If one out of the intermediate tests does not meet the minimum passing threshold: you have two attempts to retake the unsuccessful test.

If one out of the intermediate tests is not passed three times, or the obtained score is rejected three times: a comprehensive test covering all course units must be taken.

*The same applies if the intermediate tests have not been taken.

THEORETICAL SESSIONS



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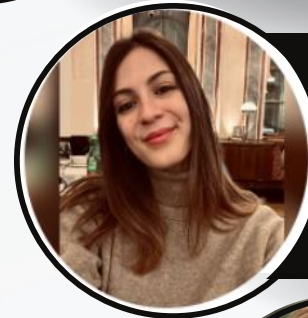
LAB SESSIONS



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