



**UNIVERSITÀ  
DI SIENA**  
1240

**UFFICIO SERVIZI AGLI STUDENTI – LE SCOTTE**  
*MASTER DEGREE IN BIOTECHNOLOGIES OF HUMAN REPRODUCTION*  
*Degree session Aula Franco Romani Presidio San Francesco Piazza San Francesco, 7/8 Siena*  
*on December 15<sup>th</sup> 2025 9.00 am*

***Examining Committee hours 9:00***

***Chair:*** Moretti Elena;

***Members:*** Luddi Alice, Piomboni Paola, Collodel Giulia, Ermini Leonardo;

***Substitute members:*** Laura Governini.

| <i>ID</i> | <i>Supervisor</i> | <i>Second Supervisor</i>      | <i>Co-examiner</i> | <i>Thesis title</i>                                                                                                       |
|-----------|-------------------|-------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|
| 145279    | MORETTI ELENA     | LIGUORI LAURA<br>SIRONI MARIA | GIULIA COLLODEL    | STUDY OF THE IMPACT OF ALLERGIES ON SEMEN QUALITY IN A POPULATION OF SUBJECTS ATTENDING AN ASSISTED REPRODUCTIVE CENTER   |
| 146968    | ERMINI LEONARDO   | ROMAGNOLI<br>ROBERTA          | LUDDI ALICE        | PARTICULATE MATTER AND DIETHYL PHTHALATE DIFFERENTIALLY ALTER MIF DYNAMICS AND EV-MEDIATED CROSSTALK IN TROPHOBLAST CELLS |
| 146305    | LUDDI ALICE       | SPIESSENS CARL                | LEONARDO<br>ERMINI | OPTIMIZATION OF SPERM CRYOPRESERVATION FOR DONOR AND CHEMOTHERAPY PATIENTS TO ENHANCE SURVIVAL RATES                      |

|        |                 |                                |                 |                                                                                                                                                                                                  |
|--------|-----------------|--------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 139311 | LUDDI ALICE     | KRUNIC MATIJA                  | PAOLA PIOMBONI  | SINGLE SPERM CRYOPRESERVATION: EVALUATING THE INFLUENCE OF PROCESSING METHODS AND MOTILITY ADD-ONS ON POST-THAW SURVIVAL                                                                         |
| 142175 | COLLODEL GIULIA | DE STEFANO CRISTOFARO          | ELENA MORETTI   | FERTILITY PRESERVATION IN ONCOLOGY AND ENDOMETRIOSIS: CLINICAL OUTCOMES OF OVARIAN STIMULATION AND OOCYTE VITRIFICATION AT AORN MOSCATI HOSPITAL.                                                |
| 138456 | PIOMBONI PAOLA  | VIGANO' PAOLA CASALECHI MAIRA  | LUDDI ALICE     | EVALUATION OF AN ULTRARAPID OOCYTE-THAWING PROTOCOL USING SURVIVAL AND CLEAVAGE RATES AFTER PARTHENOGENETIC ACTIVATION                                                                           |
| 139066 | ERMINI LEONARDO | DEL GAUDIO CINZIA              | PAOLA PIOMBONI  | IMPACT OF ENVIRONMENTAL PARTICULATE MATTER ON MITOCHONDRIAL DYNAMICS AND SPHINGOLIPID METABOLISM IN HUMAN TROPHOBLAST CELLS                                                                      |
| 145902 | LUDDI ALICE     | SCARICA CATELLO                | ELENA MORETTI   | ASSESSING SPERM DNA DOUBLE-STRAND BREAKS: VALIDATION OF THE LENSHOOKE® R11 TEST, COMPARISON WITH TUNEL AND ACRIDINE ORANGE ASSAYS AND CORRELATION WITH CLINICAL PARAMETERS AND LIFESTYLE FACTORS |
| 145389 | LUDDI ALICE     | BOSCHI LETIZIA PONCHIA ROSETTA | GIULIA COLLODEL | SPERM DNA INTEGRITY: VALIDATING NOVEL APPROACHES AND UNRAVELING THE ROLE OF POTENTIAL RISK FACTORS.                                                                                              |

Siena 04 Dicembre 2025