

EAA Andrology Training Centre  
Centre Report

**2024**

## **Centre identification**

### **FERTISEXCARES**

Unità di Andrologia e Medicina della Riproduzione, Sessualità e Affermazione di Genere -  
Dipartimento di Medicina Clinica e Chirurgia - Sezione di Endocrinologia - Università degli Studi di  
Napoli 'Federico II'.

Unità Operativa Complessa (UOC) Endocrinologia, Diabetologia ed Andrologia - Dipartimento  
Assistenziale Integrato (DAI) di Endocrinologia, Diabetologia, Andrologia e Nutrizione - Azienda  
Ospedaliera Universitaria (AOU) Federico II, Naples, Italy.

### **FERTISEXCARES**

Unit of Andrology and Medicine of Reproduction, Sexuality and Gender Affirmation - Department of  
Clinical Medicine and Surgery – Section of Endocrinology - Università degli Studi di Napoli 'Federico  
II'.

Complex Unit (UOC) of Endocrinology, Diabetology and Andrology – Integrated Care Department  
(DAI) of Endocrinology, Diabetology, Andrology and Nutrition – University Hospital (AOU) Federico  
II, Naples, Italy.

## **CENTRE REPORT**

### History of Centre

FERTISEXCARES Centre comprises two highly interconnected sections:

- the clinical area, based in the Infra-departmental Program (1st level) "Andrology and Medicine of Reproduction, Sexuality and Gender Affirmation" (Director Prof. Rosario Pivonello), belonging to the Complex Unit Endocrinology, Diabetology and Andrology – Integrated Care Department of Endocrinology, Diabetology, Andrology and Nutrition – University Hospital Federico II, Naples, Italy, within which Prof. Pivonello is Coordinator of the multidisciplinary specialistic equipe for Gender Affirming Hormonal Therapy in the adult patient;
- the research area, based in the department of Clinical Medicine and Surgery – Section Endocrinology - Università degli Studi di Napoli 'Federico II'.

FERTISEXCARES Centre is part of the European reference network on rare endocrine conditions (including pituitary, adrenal and andrological disorders, Noonan, Prader-Willi, Klinefelter, Kallmann and Morris Syndromes, and other disorders of sex development) and is a regional referral Centre for neuroendocrine diseases and pituitary tumors. FERTISEXCARES Centre was established from the confluence of the historical expertise of the staff, recognized at international level, in the field of endocrinology, with the growing certified expertise in the field of andrology, and from the reorganization of the personnel and the attribution and expansion of dedicated resources and spaces, previously belonging to the Section of Endocrinology. The formal foundation of the FERTISEXCARES Centre dates back in 2014 (Director Prof. Rosario Pivonello), from the willing to offer the AOU Federico II and the patient suffering from male and female andrological, reproductive and sexual pathologies, an integrated multidisciplinary care path benefiting from high-profile clinical skills, collaborations with the Units of Urology, Gynecology and Obstetrics, Sperm Bank and IVF FERTUNINA, Clinical Pathology, Laboratory Medicine,

Microbiology, Genetics, Pediatrics, Dermatology, Infectious diseases, Oncology, Neurosurgery, Psychiatric and Psychology belonging to AOU Federico II, and specific assistance services, as well as from the aim to promote basic, translational and clinical multidisciplinary research activities in dedicated research laboratories. At present, the main clinical and research areas of interest concern pathophysiology of male and female gonadal, reproductive, sexual and psycho-sexological function, and gender incongruence, but also include the study of gonadal, reproductive, sexual and psycho-sexological disorders in patients with hypothalamic-pituitary and adrenal diseases (including the impact on reproductive and sexual function of their cardiovascular, metabolic and neuro-cognitive comorbidities); FERTISEXCARES Centre is indeed Coordinator Centre of GONADIS National Observatory on Gonadal function in Pituitary and Adrenal Diseases. Gonadal, reproductive, sexual and psycho-sexological disorders in other endocrinopathies, such as obesity, diabetes, osteoporosis and other, also represent clinical and research areas of interest. Another clinical and research area of interest concerns disorders of reproductive and sexual function in oncological pathologies of the male reproductive system, and their relationship with lifestyle, nutrition, unhealthy habits, and exposure to environmental pollutants, as well as the effect of treatment with nutraceuticals on such disorders. Gender variance and incongruence and health also represents a main clinical and research area, and, recently, the construction of a dedicated Centre for Multi-specialistic Higher Education on Gender Incongruence within the FERTISEXCARES Centre was funded by Università degli Studi di Napoli 'Federico II'. Endocrinological, oncological, epigenetic, and molecular aspects play a central role in most of the laboratory's basic, translational, and clinical research projects. Research activity of the laboratory benefits from national and international important and consolidated scientific collaborations.

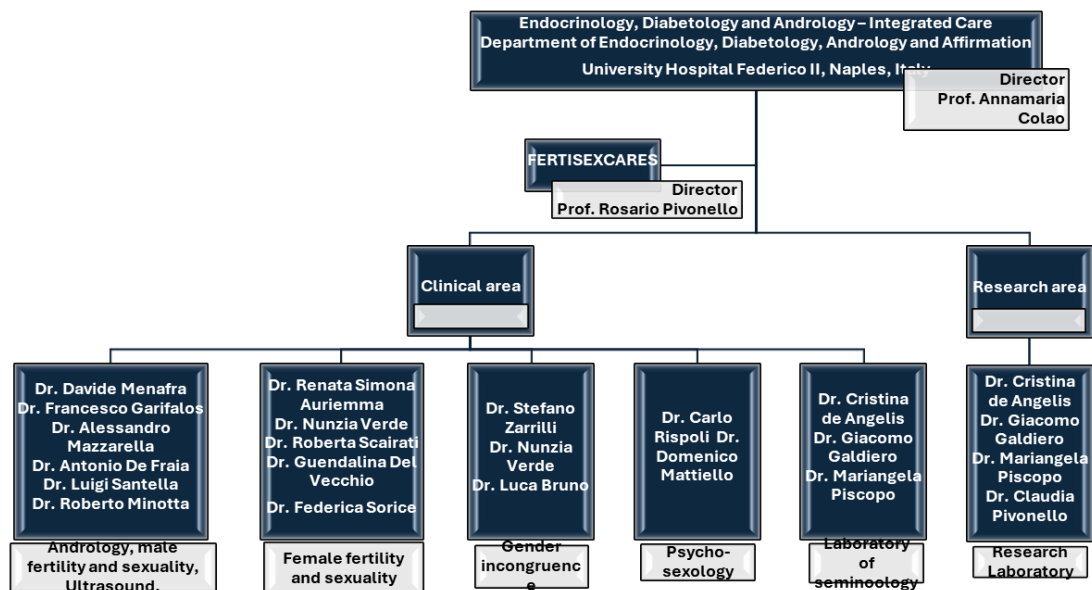
FERTISEXCARES activities also include large awareness and prevention campaigns and free medical consultations for andrological, reproductive and sexual disorders, dedicated to the general population, as part of the third

mission sector, such as the “David” project for Information, Education and Awareness for Andrological Prevention, organized under the aegis of “Campus della Salute” Onlus, and awareness and prevention campaigns for testis cancer and infertility for residents of the high environmental impact area so-called “Land of Fires” within Campania Region – South Italy.

In 2016, complexity and completeness of care pathways, services, methodologies, equipment and research activities, and the competence of personnel, granted the Centre the high clinical and scientific value and solidity yielding to accreditation, from the Italian Society of Andrology and Sexual Medicine (SIAMS), as a Centre of Excellence in Andrology and Medicine of Sexuality (CEAMS); re-accreditation was obtained in 2022. Within these years, FERTISEXCARES personnel actively and proficiently participated to the regional, national and international activities, including clinical studies, research projects, scientific manuscripts and events, of SIAMS, by also being in chief of cardinal societal roles. Prof. Pivonello has been Member of the Board of Directors SIAMS between 2012 and 2016, Coordinator of the Drug Committee SIAMS between 2017 and 2019, Member of the Scientific Committee SIAMS between 2010 and 2014 and Coordinator of the Scientific Committee SIAMS between 2018 and 2021, and Coordinator of the Clinical Studies Committee and member of the Guidelines Committee SIAMS from 2021 to 2023. Presently, Prof. Pivonello is Elect President of SIAMS. Prof. Pivonello is currently delegate of the Italian Society of Endocrinology (SIE) for the relationship with Italian Higher Institute of Healthcare (ISS) within the GENDER MEDICINE OBSERVATORY - Scientific societies with Working groups on Gender Medicine. Since 2021, Dr. de Angelis is Regional Coordinator (Campania e Basilicata) and Member of the Scientific Committee SIAMS. Both Prof. Pivonello and Dr. de Angelis are Member of the Special Interest Group of the Italian Society of Fertility and Sterility (SIFES) on “Environment and fertility”. Since 2021 Dr. Menafrà is Coordinator of the Scientific Committee Androyoung SIAMS and Dr. Garifalos is Member of the Medically-assisted procreation and Sperm Bank Committee SIAMS. From 2021 to 2023 Prof. Pivonello has been Coordinator of the Relationships with

Other Scientific Societies and Institutions Committee of the Italian Society Gender, Identity and Health (SIGIS), and is presently Member of the Board of Directors SIGIS, and since 2021, Dr. Verde is Member of the Communication Committee SIGIS, by testifying the interest and great involvement of the FERTISEXCARES and its personnel in the field of Gender Affirmation.

#### Organization of Centre – Director Prof Rosario Pivonello, PhD, MD



### **Educational activities**

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- Faculty of Medicine and Surgery: Course of Endocrinology, Andrology and Medicine of Reproduction
    - Degree in Medicine and Surgery
    - Degree in Nursing
    - Degree in Obstetrics
    - Degree in Dietician
    - Specialty school of Endocrinology and Metabolic Disorders
    - Specialty school of Clinical Pathology and Clinical Biochemistry
  - PhD in Advanced medical-surgical therapies.
  - II Level Master in Andrology and Medicine of Reproduction and Sexuality.
  - Centre for Multi-specialistic Higher Education on Gender Incongruence (in construction within the FERTISEXCARES Centre).
  - European Society for Sexual Medicine (ESSM) accredited training centre for the ESSM Female Ultrasound School (EFUS).
  - Andrology Program “Clinical Andrology and Medicine of Male and Female Reproduction and Sexuality (Delegate Prof. Rosario Pivonello) within the UNESCO Chair of “Education to Health and Sustainable Development”, established on September 2019 at Università degli Studi di Napoli ‘Federico II’ (Chairholder Prof. Annamaria Colao).
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### **Research activities**

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- Clinical Andrology
  - Hypogonadism
  - Male Infertility
  - Male Idiopathic Infertility
  - Couple Infertility
  - Sexually transmitted diseases and fertility
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- Polycystic Ovary Syndrome
  - Reproductive, Sexual, and Psycho-sexual function, and Fertility, in Male and Female Patients with Metabolic and Endocrine Disorders
  - Seminology and Sperm Pathophysiology
  - Sexual Dysfunctions
  - Retrograde Ejaculation
  - Testis and Prostate Cancer
  - Impact of Endocrine Disruptors and Environmental Pollutants on Male Fertility and Testis Cancer
  - Impact of lifestyle on Male Reproductive Function and Fertility
  - Nutraceuticals and Male Fertility and Sexuality
  - Epigenetics of Male Infertility
  - Gender Variance and Incongruence
  - Role of Dopaminergic System on Male Fertility
  - Vitamin D and Prostate Cancer
  - Fertility in Animal Models as Surrogate Markers for Human Male Fertility
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#### **Clinical activities**

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- Outpatient services for andrological and endocrinological patients, and for patients with andrological disorders secondary to diabetes and other endocrine-metabolic diseases.
  - Day Hospital for andrological and endocrinological patients.
  - Outpatient services for male patients with reproductive, sexual, and psychosexual disorders, for female patients with endocrinological-reproductive disorders, sexual and psychosexual disorders.
  - Outpatient services for people with gender incongruence.
  - Specialist consultancy for inpatients from the entire AOU Federico II.
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- Specialist consultancy for males of couples belonging to the AOU Federico II Sterility Centre, and to women of the same centre suffering from endocrine-metabolic disorders.
  - FERTISEXCARES is part of the European reference network on rare endocrine conditions and andrological diseases (including Noonan, Prader-Willi, Klinefelter, Kallmann and Morris Syndromes, as well as other disorders of sex development) and is a regional referral centre for neuroendocrine diseases and pituitary tumors.
  - Active collaborations with Divisions Urology, Gynecology and Obstetrics, Sperm Bank FERTUNINA, Clinical Pathology, Laboratory Medicine, Microbiology, Genetics, Pediatrics, Dermatology, Infectious diseases, Oncology, Neurosurgery, Psychiatric and Psychology.
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**Name and address of Centre**


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 FERTISEXCARES
 

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 Unità di Andrologia e Medicina della Riproduzione, Sessualità e  
 Affermazione di Genere - Unità Operativa Complessa di Endocrinologia,  
 Diabetologia ed Andrologia - Dipartimento Assistenziale Integrato di  
 Endocrinologia, Diabetologia, Andrologia e Nutrizione - Ospedaliera  
 Universitaria Federico II, Sergio Pansini 5, 80131 - Naples, Italy
 

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**Type of Centre**University University Hospital Private Centre Other (please  
specify) \_\_\_\_\_**1. Director**


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 Rosario Pivonello, MD, PhD, Full Prof.
 

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Academician  Affiliated Member  Clinical Andrologist **2a. Clinical responsible**


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 Rosario Pivonello, MD, PhD, Full Prof.
 

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Academician  Affiliated Member  Clinical Andrologist 


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 Annamaria Colao, MD, PhD, Full Prof.
 

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Academician  Affiliated Member  Clinical Andrologist **3. Present Staff (Senior Scientists)**
 1) Name Prof. Rosario Pivonello  
 Degree MD, PhD, Full Prof.  
 Specialty Endocrinology - Andrology
Academician  Affiliated Member  Clinical Andrologist 
 2) Name Stefano Zarrilli  
 Degree MD, PhD, Researcher.  
 Specialty Endocrinology - Andrology

Academician  Affiliated Member  Clinical Andrologist

3) Name Cristina de Angelis  
 Degree Biologist, PhD, Researcher  
 Specialty \_\_\_\_\_

Academician  Affiliated Member  Clinical Andrologist

4) Name Davide Menafra  
 Degree MD, PhD, Researcher.  
 Specialty Endocrinology - Andrology

Academician  Affiliated Member  Clinical Andrologist

5) Name Francesco Garifalos  
 Degree MD, PhD, Researcher.  
 Specialty Endocrinology - Andrology

Academician  Affiliated Member  Clinical Andrologist

**Insert any additional staff below (if required)**

MD/Biologists/Chemists

1) Name Giacomo Galdiero  
 Degree Biotechnologist, PhD  
 Specialty \_\_\_\_\_  
 Full time/part time Full time

Academician  Affiliated Member  Clinical Andrologist

2) Name Mariangela Piscopo  
 Degree Biologist, PhD  
 Specialty \_\_\_\_\_  
 Full time/part time Full time

Academician  Affiliated Member  Clinical Andrologist

3) Name Carlo Rispoli  
 Degree Psychologist  
 Specialty \_\_\_\_\_  
 Full time/part time Part time

Academician  Affiliated Member  Clinical Andrologist

4) Name Domenico Mattiello  
 Degree Psychologist  
 Specialty \_\_\_\_\_  
 Full time/part time Part time

Academician  Affiliated Member  Clinical Andrologist

5) Name Nunzia Verde  
 Degree MD, PhD  
 Specialty Endocrinology - Andrology  
 Full time/part time Full time

Academician  Affiliated Member  Clinical Andrologist

6) Name Roberta Scairati  
 Degree MD, PhD student  
 Specialty Endocrinology - Andrology  
 Full time/part time Full time

Academician  Affiliated Member  Clinical Andrologist

7) Name Guendalina Del Vecchio  
 Degree MD, PhD student  
 Specialty Endocrinology - Andrology  
 Full time/part time Full time

Academician  Affiliated Member  Clinical Andrologist

8) Name Roberto Minotta  
 Degree MD, PhD student  
 Specialty Endocrinology  
 Full time/part time Full time

Academician  Affiliated Member  Clinical Andrologist

9) Name Luigi Santella  
 Degree MD  
 Specialty Post graduate student - School of Endocrinology  
 Full time/part time Luigi Santella

Academician  Affiliated Member  Clinical Andrologist

10) Name Antonio De Fraia

Degree MD  
 Specialty Post graduate student - School of Endocrinology  
 Full time/part time \_\_\_\_\_

Academician  Affiliated Member  Clinical Andrologist

11) Name Luca Bruno  
 Degree MD  
 Specialty Post graduate student - School of Endocrinology  
 Full time/part time \_\_\_\_\_

Academician  Affiliated Member  Clinical Andrologist

12) Name Alessandro Mazzarella  
 Degree MD  
 Specialty Post graduate student - School of Endocrinology  
 Full time/part time \_\_\_\_\_

Academician  Affiliated Member  Clinical Andrologist

13) Name Federica Sorice  
 Degree MD  
 Specialty Post graduate student - School of Endocrinology  
 Full time/part time \_\_\_\_\_

Academician  Affiliated Member  Clinical Andrologist

**Insert any additional staff below (if required)**

#### PhD Students

1) Name Roberta Sclairati  
 2) Name Guendalina Del Vecchio  
 3) Name Roberto Minotta

#### Fellows

1) Name Lucia Auriemma  
 2) Name Mariachiara Iannuzzi  
 3) Name Luca Guglielmelli  
 4) Name Nicola Verde

5) Name Antonio Barbato  
 6) Name Gaetano Freddini  
 7) Name Vincenzo La Gala  
 8) Name Federica Torino  
 9) Name Giulia Tangredi  
 10) Name Adele Dello Ioio  
 11) Name Elisabetta De Stefano  
 11) Name Andrea Tessito  
 11) Name Davide Bernardo

**Nurses**

1) Name Rosaria Ericina  
 2) Name Felicina Attaneo  
 3) Name Mariarosaria Bianco  
 4) Name Gennaro Bosso

**Administrative Personnel**

1) Name Iolanda Pivonello  
 2) Name Pasquale Antonio Riccio  
 3) Name Luciano Saporito  
 4) Name Gianluca Varriale  
 5) Name Daniela Pagano  
 6) Name Roberta Cacciuttolo  
 7) Name Gennaro Mocerino  
 8) Name Danilo Sannino  
 9) Name Salvatore Papauro  
 10) Name Carmine D'Alessandro  
 11) Name Concetta Pellegrino

**Collaborating specialists (senior scientists)**

1) Name Prof. Annamaria Colao  
 Degree MD, PhD, Full Prof.  
 Specialty Endocrinology

Academician       Affiliated Member       Clinical Andrologist

2) Name Renata Simona Auriemma  
 Degree MD, PhD, Researcher  
 Specialty Endocrinology

Academician       Affiliated Member       Clinical Andrologist

3) Name Claudia Pivonello  
 Degree Biologist, PhD, Researcher  
 Specialty \_\_\_\_\_

Academician Affiliated  
Member Clinical  
Andrologist **Additional collaborating personnel****PhD Students**1) Name Rosa Pirchio**4. Clinical Activity**

## A. Outpatients: Consultations per year in the last 3 years

	2021	2022	2023
New patients	1290	1482	1752
Follow-up patients	1957	2030	2289

Type of patients in the last years (%)	2021	2022	2023
Infertility	28	16	16
Erectile dysfunction	21	21	20
Hypogonadotropic Hypogonadism	7	9	10
Klinefelter	2	3	3
Gynecomastia	1	2	2
Varicocele	15	17	18
Cryptorchidism	1	1	0.5
Male sex accessory gland infections	9	9	10
Testicular tumors	0.5	0.3	0.6
Disorders of gender identity	19	23	24
Other	9	18	19

## B. Ultra sound (testis, penile, prostate) \*

	2021	2022	2023
Total	553	614	748
Controls	301	342	387

*\* performed at our FERTISEXCARES unit*

## C. Andrological surgery procedures

	2021	2022	2023
Testicular biopsies	17	18	25
Varicocele ligation	38	47	55

Prostate biopsies	467	534	600
BPH	275	280	300
Prostate cancer	135	155	150
Vasectomy	0	0	0
Vaso-vasostomy	0	0	0
Other	13	12	15

#### 5. A. Andrology laboratory activity

	2021	2022	2023
Semen analyses	406	513	603
Sperm antibodies	7	9	11
Seminal markers	4	9	17

#### 5. B. Andrology laboratory activity

Sperm banking donors                      Yes                       No

Sperm banking cancer patients                      Yes                       No

#### *Performed at other Units of the campus*

<i>If yes:</i>			
	2021	2022	2023
Number of Sperm banking cancer patients	210	216	245
Number of Sperm banking Infertility patients	97	59	75

5. C. Histopathological evaluation of biopsies                      Yes                       No

#### *Performed at other Units of the campus*

5. D. Reproductive Hormones Assays                      Yes                       No

If yes please specify type of assays and number of samples in the last year

#### *Performed at other Units of the campus*

Yes                       No



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**5. E. Y chromosome microdeletions according to EAA/EMQN guidelines**

***Performed at other Genetic Units***

***If yes*** number of tests in the past year                      33 \_\_\_\_\_

Participation to the EAA quality control scheme?                      Yes                       No

***If no***, specify if available in another lab of the same hospital                      Yes                       No

Blood karyotyping                      Yes                       No

***If no***, specify if available in another lab of the same hospital                      Yes                       No

Other genetic tests (please specify)

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**6. Collaborations with other Clinical Units of the University/Hospital**

IVF Unit and Sperm Bank                      Yes                       No   
Gynecology and Obstetrics                      Yes                       No

Endocrinology Clinic                      Yes                       No

Urology Clinic                      Yes                       No

Pediatric Unit                      Yes                       No

Genetics Lab/Unit                      Yes                       No

Neurosurgery Unit                      Yes                       No

Oncology Unit                      Yes                       No

Dermatology Unit                      Yes                       No

Clinical Pathology                      Yes                       No

Laboratory Medicine                      Yes                       No

Psychiatric Clinic and/or Psychology clinic                      Yes                       No

Private Centres                      Yes                       No

*If yes* please specify:

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### 7. Clinical teaching activity

Duration of training (years):

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	Number
A: Trainees who passed EAA-ESAU\exam for Clinical Andrologist in the last 5 yrs	0
B: Trainees working in the centre preparing to pass the EAA-ESAU examination in the last 5 yrs	0
C: Postgraduate Students (School of Endocrinology - Unit of Andrology in the last 5 yrs	14
D: PhD Students in the last 5 yrs	12
E: Students of the II Level Master in Andrology and Medicine of Reproduction and Sexuality in the last 5 yrs	18
F: Medical Students achieving degree in the last 5 yrs	4
G: Medical Students - current internship fellows in the last 5 yrs	13
H: Medical Students attending andrology teaching activity in the last 5 yrs	2351
I: Other Students (nurses, biologists, biotechnologists) achieving degree in the last 5 yrs	8
L: Other Students (nurses, biologists, biotechnologists) - current internship fellows in the last 5 yrs	2
M: Other Students (nurses, obstetrics) attending andrology teaching activity in the last 5 yrs	1332

### 8. Formal Andrology teaching program

Yes

No

*If yes:* specify duration (years/months):

Years

Months

	Hours of formal andrology teaching	Professional training in andrology	Duration of program

Post Graduate students (School of Endocrinology – Unit of Andrology)	22 hours	2 months	4 years
Students of the II Level Master in Andrology and Medicine of Reproduction and Sexuality	1225 hours/year (a.y. 2019-2020 and a. y. 2020-2021) 612 hours (a.y. 2022-2023)	275 hours/year (a.y. 2019-2020 and a. y. 2020-2021) 138 hours (a.y. 2022-2023)	2 years (a.y. 2019-2020 and a. y. 2020-2021) 1 year (a.y. 2022-2023)
Medical Students - internship fellows	-	480 hours/year	1.5 years
Medical Students attending teaching activity	5 hours	-	6 years
Medical Students attending teaching activity (English course)	3 hours	-	6 years
Practical evaluation training	-	20 hours	20 hours
Clinical rotation	-	40 hours	40 hours
Elective teaching activities	36 hours (3 courses)	-	36 hours (3 courses)
Other Students (nurses, obstetrics) attending teaching activity	6 hours nurses (2 courses, total 12 hours) 18 hours obstetrics (3 courses, total 54 hours) 4 hours radiology (1 course)	-	3 years
Other Students (biologists, biotechnologists) - internship fellows	-	1920 hours/year	1.5 years

### 9. Research Activity (maximum 1 page)

The main research lines, focusing on pathophysiology of the male and female gonadal, reproductive, sexual and psycho-sexological function, and gender incongruence, but also include the study of gonadal, reproductive, sexual and psycho-sexological disorders in patients with hypothalamic-pituitary and adrenal diseases (including the impact on reproductive and sexual function of

their cardiovascular, metabolic and neuro-cognitive comorbidities); FERTISEXCARES Centre is indeed Coordinator Centre of GONADIS National Observatory on Gonadal function in Pituitary and Adrenal Diseases. Gonadal, reproductive, sexual and psycho-sexological disorders in other endocrinopathies, such as obesity, diabetes, osteoporosis and other, also represent research areas of interest. Another line of research concerns disorders of reproductive and sexual function in oncological pathologies of the male reproductive system, and their relationship with lifestyle, nutrition, unhealthy habits, and exposure to environmental pollutants, as well as the effect of treatment with nutraceuticals on such disorders. Gender variance and incongruence and health also represents a main research line, and, recently, the construction of a dedicated Centre for Multi-specialistic Higher Education on Gender Incongruence within the FERTISEXCARES Centre was funded by Università degli Studi di Napoli 'Federico II'. Endocrinological, oncological, epigenetic, and molecular aspects play a central role in most of the laboratory's basic, translational, and clinical research projects. Research activity of the laboratory benefits from national and international important and consolidated scientific collaborations.

*The full list of publications (years 2020 - 2024) are presented at the end of this report.*

## 10. Research Funding

<b>Year</b>	2020
<b>Total amount (€)</b>	123.463 Euros
<b>Funding Source(s)</b>	National multicenter study Cardiovascular and sexual/reproductive wellbeing in andro-metabolic disorders: a joint venture between lifestyle and drugs to improve vascular inflammation and oxidative damage (prot. CARDIO-SEX 2017XLFJAX). Funding: Ministero dell'Istruzione dell'Università e della Ricerca, PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE – Italian Ministry of Education, University and Research (MIUR – PRIN)
<b>Year</b>	2019-2022
<b>Total amount (€)</b>	187.200 Euros

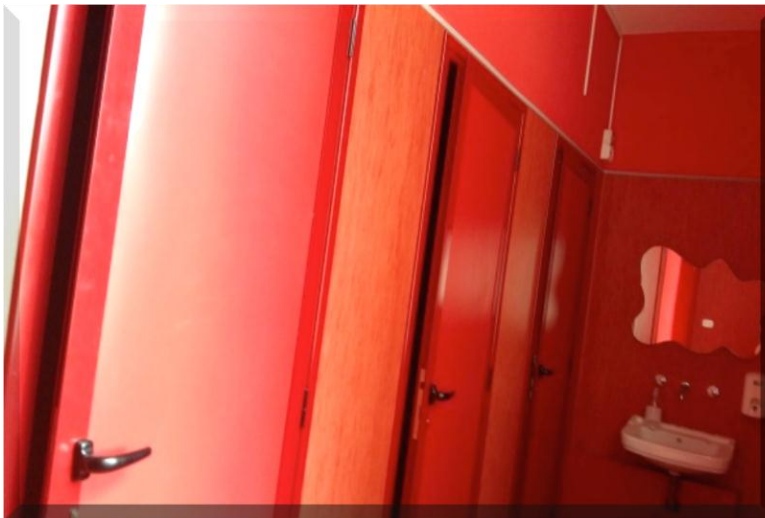
<b>Funding Source(s)</b>	Exposoma e Plurifocalità nella Prevenzione Oncologica (prot. EXPOSOMA). Funding: Regione Campania, POR FESR CAMPANIA 2014/2020
<b>Year</b>	2021-2022
<b>Total amount (€)</b>	574.945,53 Euros
<b>Funding Source(s)</b>	ANDROKIT - sviluppo di kit diagnostico/predittivi per l'infertilità maschile (prot. ANDROKIT). Funding: Regione Campania, POR FESR CAMPANIA 2014/2020
<b>Year</b>	2022
<b>Total amount (€)</b>	49.284,00 Euros
<b>Funding Source(s)</b>	Exploring the role of medicines in the induction as well as the management of sexual dysfunction through analysis of Big Data and "Smart data" Funding: PRIN - BANDO 2022 PNRR PROT. P2022SE38P

**CENTRE PHOTOS**

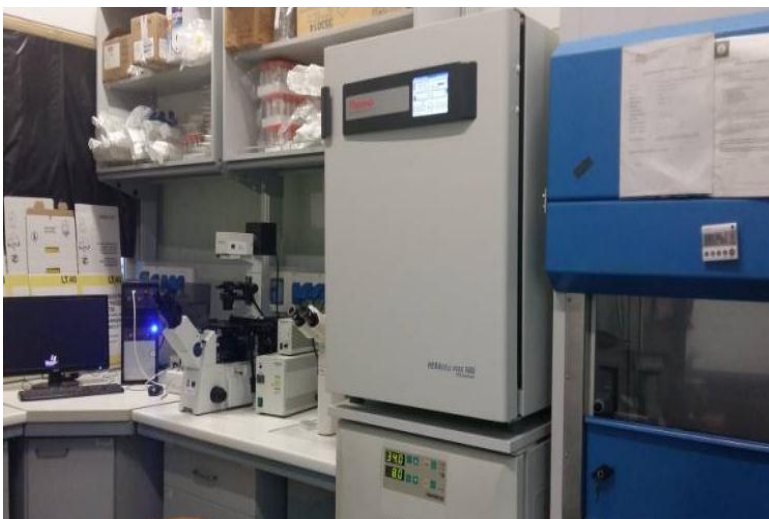












**FULL LIST OF PUBLICATIONS (with IF) of staff members from the last 5 years (2020 - 2024)**

1. Hasenmajer V., De Alcubierre D., Ferrari D., Minnetti M., Bonaventura I., Pofi R., Simeoli C., Tomaselli A., Sciarra F., Bottillo G., Angelini F., Cozzolino A., Venneri M.A., Jannini E.A., Gianfrilli D., Pivonello R., Isidori A.M. Exploring sexual function in adrenal insufficiency: findings from the Dual RElease hydrocortisone versus conventionAl glucocorticoid replaceMent therapy in hypocortisolism (DREAM) trial (2024) *Andrology* DOI: 10.1111/andr.13635
2. Barbonetti A., Tienforti D., Castellini C., Giulio F.D., Muselli M., Pizzocaro A., Vena W., Baroni M.G., Pivonello R., Isidori A.M., Maggi M., Corona G. Effect of antioxidants on semen parameters in men with oligo-astheno-teratozoospermia: a network meta-analysis (2024) *Andrology*, 12 (3), pp. 538 – 552 DOI: 10.1111/andr.13498
3. Marconi M., Pagano M.T., Ristori J., Bonadonna S., Pivonello R., Meriggiola M.C., Motta G., Lombardo F., Mosconi M., Oppo A., Cocchetti C., Romani A., Federici S., Bruno L., Verde N., Lami A., Crespi C.M., Marinelli L., Giordani L., Matarrese P., Ruocco A., Santangelo C., Contoli B., Masocco M., Minardi V., Chiarotti F., Fisher A.D., Pierdominici M. Sociodemographic profile, health-related behaviours and experiences of healthcare access in Italian transgender and gender diverse adult population (2024) *Journal of Endocrinological Investigation* DOI: 10.1007/s40618-024-02362-x
4. Santi D., Lotti F., Sparano C., Rastrelli G., Isidori A.M., Pivonello R., Barbonetti A., Salonia A., Minhas S., Krausz C., Vignozzi L., Maggi M., Corona G. Does an increase in adipose tissue 'weight' affect male fertility? A systematic review and meta-analysis based on semen analysis performed using the WHO 2010 criteria (2024) *Andrology*, 12 (1), pp. 123 – 136 DOI: 10.1111/andr.13460
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