

## ALLEGATO 6

alla domanda a partecipare alla procedura valutativa di chiamata a Professore Universitario di ruolo di I fascia, codice concorso 2018POR034, Settore concorsuale 05/H1 – Settore scientifico disciplinare BIO/16, presso il Dipartimento di Scienze Anatomiche, Istologiche, Medico Legali e dell'Apparato Locomotore – Facoltà di Farmacia e Medicina, Decreto Rettore Università di Roma "La Sapienza" n. 2756/2018 del 19.11.2018.

### STEFANIA ANNARITA NOTTOLA

#### Curriculum Vitae (ai fini della pubblicazione)

Place: ROME

Date: December 10, 2018

#### Part I – General Information

Full Name	STEFANIA ANNARITA NOTTOLA
Citizenship	ITALIAN
Spoken Languages	Italian, English
Web site	<a href="https://sites.google.com/a/uniroma1.it/stefanianottola-eng/">https://sites.google.com/a/uniroma1.it/stefanianottola-eng/</a>
ORCID	<a href="https://orcid.org/0000-0002-4626-6328">orcid.org/0000-0002-4626-6328</a>
Scopus I.D.	6604078973

#### Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
Ph. D.	1990	Ministry of University and of Scientific and Technological Research ( <i>MURST</i> , currently named <i>MIUR</i> )	Ph.D. - Research Doctorate degree
University graduation	1984	<i>Sapienza</i> University of Rome	M.D. - Medicine and Surgery degree (cum laude)

#### Part III – Appointments

##### III A – Academic Appointments

Start	End	Institution	Position
2014	Today	ASN 2012	<b>Qualified</b> to hold the role of Full Professor, sector 05/H1-BIO/16 (Human Anatomy)
2000	Today	Sapienza University of Rome	<b>Associate Professor</b> , sector BIO/16 (Human Anatomy), Department of Anatomy, Histology, Forensic Medicine and Orthopaedics, Faculty of Pharmacy and Medicine
2011	End of XXVII cycle	Sapienza University of Rome	<b>Coordinator</b> of the Research Doctorate in Dermatology, Anatomy and Plastic Surgery
2011	2014	Sapienza University of Rome	<b>Elected Member</b> of the Committee of the Faculty Council, Faculty of Pharmacy and Medicine
2005	2010	Sapienza University of Rome	<b>Secretary</b> of the Research Committee of the I Faculty of Medicine
2000	2005	Sapienza University of Rome	<b>Vice-President</b> of the Research Committee of the I Faculty of Medicine
1998	2000	Sapienza University of Rome	<b>Assistant Professor</b> (researcher), Department of Anatomy
1988	1998	Sapienza University of Rome	<b>Funzionario Tecnico VIII qualifica</b> (role equivalent to <b>Assistant Professor</b> ), Department of Anatomy

### III B – Other Appointments

Start	End	Institution	Position
2018	Today	Sapienza University of Rome	Academic <b>Responsible</b> for Mobility (RAM), Nursing Degree Course I, I.F.O. Regina Elena Hospital, Faculty of Medicine and Dentistry
2017	Today	Sapienza University of Rome	<b>President</b> of the Nursing Degree Course I, I.F.O. Regina Elena Hospital, Faculty of Medicine and Dentistry
2014	Today	Sapienza University of Rome	<b>Member</b> of the Teaching Body of the Research Doctorate in Innovative Technologies in Disease of the Skeleton, of the Skin and of the Oro-Maxillofacial District
2010	Today	Sapienza University of Rome	<b>Member</b> of the Web-Site Committee of the Department of Anatomy, Histology, Forensic Medicine and Orthopaedics
1999	Today	Sapienza University of Rome	<b>Member</b> of Boards for the award of student and research grants ( <i>borse di collaborazione e assegni di ricerca</i> )
1998	Today	Sapienza University of Rome, University of L'Aquila, University of Sassari	<b>Member</b> of Boards for the admission test and for the award of the research doctoral degrees in: Dermatology, Anatomy and

			Plastic Surgery - Morphofunctional Sciences - Innovative Technologies in Disease of the Skeleton, of the Skin and of the Oro-Maxillofacial District ( <i>Sapienza</i> University of Rome); Molecular and Ultrastructural Imaging (University of L'Aquila); Reproduction, Production and Animal Welfare (University of Sassari)
1998	Today	<i>Sapienza</i> University of Rome	<b>Member</b> of Boards for the admission test for Medicine and Surgery and Healthcare Degrees
2011	2016	<i>Sapienza</i> University of Rome	<b>Vice-President</b> of the Nursing Degree Course I, I.F.O. Regina Elena Hospital, Faculty of Medicine and Dentistry
2012	End of XXIX cycle	<i>Sapienza</i> University of Rome	<b>Member</b> of the Teaching Body of the Research Doctorate in Morphofunctional Sciences
1998	End of XXVII cycle	<i>Sapienza</i> University of Rome	<b>Member</b> of the Teaching Body of the Research Doctorate in Dermatology, Anatomy and Plastic Surgery

## Part IV – Teaching experience

### IV A – Teaching experience at *Sapienza* University of Rome

Year	Institution	Lecture/Course
2012- Today	<i>Sapienza</i> University of Rome	Human Anatomy / Degree Course in Medicine and Surgery F, International Medical School (Lectures: <u>Human Anatomy II, III</u> ) – <b>Coordinator</b> of Human Anatomy II course
2008- Today	<i>Sapienza</i> University of Rome	Anatomo-Physiological Bases of the Human Body / Degree Course in Obstetrics A, <i>Policlinico Umberto I</i> (Lectures: <u>Human Anatomy and Histology</u> ) – <b>Coordinator</b>
2001- Today	<i>Sapienza</i> University of Rome	Morphological and Functional Bases of the Human Body / Degree Course in Techniques in Radiology, Imaging and Radiotherapy A, <i>Policlinico Umberto I</i> (Lectures: <u>Human Anatomy</u> , since 2001, and <u>Histology</u> , since 2005) – <b>Coordinator</b>
2001- Today	<i>Sapienza</i> University of Rome	Anatomo-Physiological Bases of the Human Body / Nursing Degree Course I, I.F.O. Regina Elena Hospital (Lectures: <u>Human Anatomy</u> ) – <b>Coordinator</b>
1999- Today	<i>Sapienza</i> University of Rome	Human Anatomy / Degree Course in Medicine and Surgery A (Lectures: <u>Human Anatomy I, II, III</u> ) – <b>Member</b> of the joint teaching committee

		( <i>commissione didattica paritetica</i> ) (since 2002); <b>Coordinator</b> of Human Anatomy I course (since 2010); <b>Coordinator</b> of the I semester II year of the Degree Course (since 2016)
2001-2005	Sapienza University of Rome	Human Anatomy IV/University Degree ( <i>Diploma Universitario</i> ) in Anatomical Drawing (Lectures: <b>Ultrastructural Anatomy</b> )
2000-2001	Sapienza University of Rome	Human Anatomy and Histology/University Degree ( <i>Diploma Universitario</i> ) in Nursing, ASL RM H, Frascati (Lectures: <b>Human Anatomy</b> )
1998-2001	Sapienza University of Rome	Human Systematic and Regional Anatomy – Anatomy and Physiology/ University Degree ( <i>Diploma Universitario</i> ) in Techniques in Radiology, <i>Policlinico Umberto I</i> (Lectures: <b>Human Anatomy and Histology</b> )
2000-Today	Sapienza University of Rome	<b>Thesis supervisor</b> for medical/nursing students; <b>Thesis supervisor/Tutor</b> for Ph.D. Italian and Foreign students

#### IV B – Teaching experience abroad

Year	Institution	Lecture/Course
2017	West Kazakhstan Marat Ospanov State Medical University, Aktobe, Kazakhstan	Lectures and practical lessons of <b>Human Anatomy</b> for students of General Medicine Faculty – <b>Visiting Professor</b>

#### IV C – Teaching experience (Master courses)

Year	Institution	Lecture/Course
2013	University of L’Aquila	Master: “ <i>Gestione della Qualità e Sicurezza nei Processi di Manipolazione e Conservazione di Cellule e Tessuti Umani</i> ” - <b>Teacher</b>
2010-2011	University of L’Aquila	Master: “ <i>Sicurezza e Biotecnologie - Gestione della Qualità e Sicurezza nei Processi di Manipolazione e Conservazione di Cellule e Tessuti Umani</i> ” - <b>Teacher</b>
2001	<i>Istituto Superiore Universitario di Formazione Interdisciplinare</i> , University of Lecce	Master: “Electron Microscopy: a Tool for Industrial Quality and Environmental Monitoring” - <b>Teacher</b>

#### Part V - Society memberships, Awards and Honors

## V A – Society memberships

Year	Title
2015- Today	<b>Honorary member</b> of the Argentine Society of Clinical Anatomy
2014- Today	<b>Member</b> of the Committee of Teachers of Human Anatomy
2008- Today	<b>Member</b> of the Italian Society of Microscopic Sciences (SISM)
2005- Today	<b>Member</b> of the European Society of Pathology (Electron Microscopy Working Group)
2000- Today	<b>Member</b> of the Italian Society of Reproduction (SIIdR)
1998- Today	<b>Founding member</b> of the Italian Society of Embryology, Reproduction and Research (SIERR)
1995- Today	<b>Founding member</b> and scientific secretary of the Malpighi Academy for the Study of Microscopic Anatomy
1987- Today	<b>Member</b> of the Italian Society of Anatomy and Histology (SIAI)
1997- 2002	<b>Member</b> of the International Society of Reproductive Medicine “Alpha”

## V B – Editorial board membership

Year	Title
2014- Today	<b>Member of the Editorial Board</b> of the Austin Journal of Reproductive Medicine & Infertility (Austin Publishing Group)
2014- Today	<b>Member of the Editorial Board</b> (Section Editor) of The Open Medicine Journal (Bentham Science Publishers)
2013- Today	<b>Member of the Editorial Board</b> of the Medical Journal of West Kazakhstan (West Kazakhstan Marat Ospanov State Medical University)
2012- Today	<b>Member of the Editorial Board</b> of the International Journal of Reproductive Medicine (Hindawi Publ. Co.)
2012- Today	<b>Member of the Editorial Board</b> of the Journal of Iranian Anatomical Sciences (Iranian Society of Anatomical Sciences)
2009- Today	<b>Member of the Editorial Board</b> of the International Journal of Fertility and Sterility (Royan Institute of Iran)
2015- 2018	<b>Member of the Editorial Board</b> of the Journal of Assisted Reproduction and Genetics (Springer)
2009- 2014	<b>Member of the Editorial Board</b> (Regional Editor for Europe) of The Open Anatomy Journal (Bentham Science Publishers)
2002- 2017	<b>Member of the Editorial Board</b> of the Journal Reproductive Biology & Endocrinology (BMC, Ltd.)
2006	<b>Guest Editor</b> of the Journal Microscopy Research and Technique (Wiley - New York)

## V C – Referee (Peer Reviewer) activity

Year	Title
2016- Today	<b>Reviewer</b> for: REPRISE ( <i>MIUR</i> ) – Register of Expert Peer Reviewers for Italian Scientific Evaluation (section: fundamental research).
2000- Today	<b>Referee (Peer Reviewer)</b> for the following scientific journals: Aging, American Journal of Reproductive Immunology, Anatomia Histologia Embryologia, Animal Reproduction, Cell Cycle, Cell Tissue Research, Cryobiology, Cryoletters, Current Stem Cell Research, EOMT, European Biophysics Journal, Fertility and Sterility, Histology & Histopathology, Human Reproduction, International Journal of Developmental Biology, International Journal of Reproductive Medicine, Journal of Assisted Reproduction and Genetics, Life Sciences, Medical Science Monitor, Microscopy & Microanalysis, Molecular Human Reproduction, Plos One, Reproductive BioMedicine Online, Theriogenology, Yakhteh (The Cell), Zygote.

## V D – Organization of national and international congresses and symposia

Year	Title
2017	<b>Member of the International Committee</b> of the 7th Yazd International Congress and Student Award in Reproductive Medicine (Yazd, Iran).
2005	<b>Member of the International Advisory Board</b> of the XVIII International Symposium on Morphological Sciences (Belgrade, Serbia).
2003	<b>Member of the Organizing Committee</b> of the 5th International Malpighi Symposium (Rome, Italy).
2003	<b>Member of the Scientific Committee</b> of the II SIERR National Congress (Naples, Italy).
1999	<b>Member of the Organizing Committee</b> and <b>Scientific Secretary</b> of the 15th Congress of the International Federation of Associations of Anatomists (IFAA) and 4th International Malpighi Symposium (Rome, Italy).
1995	<b>Member of the Organizing Committee</b> and <b>Scientific Secretary</b> of the 2nd International Malpighi Symposium (Rome, Italy).
1988	<b>Member of the Organizing Committee</b> and <b>Scientific Secretary</b> of the VIII International Symposium on Morphological Sciences (Rome, Italy).
2017	<b>Symposium Organizer</b> during the XXV International Symposium on Morphological Sciences (Xi'an, China).
2011	<b>Symposium Organizer</b> during the 34° Congress of the Italian Society of Histochemistry (S. Benedetto del Tronto, AP, Italy).
2010	<b>Symposium Organizer</b> during the XXI International Symposium on Morphological Sciences (Taormina-Messina, Italy).

## V E – Participation to national and international congresses and symposia

1988- Today	Participation to more than 100 National and International Congresses, often as <b>Invited Speaker</b> and/or <b>Session Chairman</b> .
----------------	--

## Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

### VI A – MIUR / PRIN grants

Year	Title	Program	Grant value
2005-2006	<i>Identificazione di markers ultrastrutturali di qualità in ovociti umani e murini sottoposti a maturazione in vitro e criopreservazione.</i> <b>(I, Responsible of the research unit)</b> Modello B, prot. 2005064052_004	Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN)	16.800,00 Euro (Quota cofinanziamento MIUR)
2003-2004	<i>Valutazione degli indici ultrastrutturali di maturità e fecondabilità di complessi ovocita-cumulo ooforo nell'ambito di procedure di criopreservazione e maturazione in vitro.</i> <b>(I, Responsible of the research unit)</b> Modello B, prot. 2003061899_003	Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN)	17.500,00 Euro (Quota cofinanziamento MIUR)
2001-2002	<i>Valutazione degli indici ultrastrutturali di maturità di ovociti dopo criopreservazione e xenotrapianto di biopsie ovariche umane in peritoneo di topi immunodeficienti.</i> <b>(I, Responsible of the research unit)</b> Modello B, prot.2001058319_001	Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN)	32.020,00 Euro (Quota cofinanziamento MIUR)

### VI B – Other National and International grants

Year	Title	Program	Grant value
2010-2011	<i>Valutazione qualitativa, semi-quantitativa, quantitativa e comparativa al microscopio ottico ed elettronico a trasmissione di markers strutturali ed ultrastrutturali di qualità in ovociti congelati tramite vitrificazione e congelamento lento, al fine di evidenziare le differenze tra i due protocolli di congelamento a confronto (General project: Studio randomizzato per l'ottimizzazione delle procedure di conservazione degli ovociti: approccio clinico e sperimentale).</i> <b>(I)</b>	Research project funded by Ministero della Salute, in collaboration with Casa di Cura Città di Udine	15.000,00 Euro
2005-2006	<i>La preservazione della fertilità nella donna: analisi di differenti approcci.</i> <b>(PI)</b>	VII Programma Esecutivo di Collaborazione Scientifica e Tecnologica tra Italia e Comunità Francese del Belgio (Funded by Ministero degli	Mobility grants

		Affari Esteri)	
2005	Nuovi approcci per la preservazione della fertilità femminile: criopreservazione e trapianto di tessuto ovarico umano. (PI)	Cultural and scientific cooperation agreement (Sapienza University of Rome, Italy – Catholic University of Louvain, Belgium)	5.347,00 Euro

VI C – University grants

Year	Title	Program	Grant value
2017	Analisi qualitativa, morfometrica e comparativa dei markers ultrastrutturali di qualità nei gameti e nel tessuto gonadico. (PI) prot. RM11715C54A7D4F0	Sapienza University of Rome Progetto di Ricerca di Università	12.000,00 Euro
2016	Analisi qualitativa, morfometrica e comparativa dei markers ultrastrutturali di qualità dei gameti, per la preservazione della salute riproduttiva e la cura dell'infertilità di coppia. (PI) prot. RM116154B970B620	Sapienza University of Rome Progetto di Ricerca di Università	12.000,00 Euro
2015	Analisi qualitativa, morfometrica e comparativa degli indicatori ultrastrutturali di qualità del gamete, per la conservazione della salute riproduttiva e la cura dell'infertilità di coppia. (PI) prot. C26A158NBH	Sapienza University of Rome Progetto di Ricerca di Università	10.000,00 Euro
2014	Analisi morfometrica e comparativa dei markers ultrastrutturali indicatori di qualità del gamete, per la conservazione della salute riproduttiva e la cura dell'infertilità di coppia. (PI) prot. C26A14AZA2	Sapienza University of Rome Progetto di Ricerca di Università	10.000,00 Euro
2013	Medicina riproduttiva, dal laboratorio alla clinica: analisi qualitativa, morfometrica e comparativa di markers strutturali ed ultrastrutturali di qualità nei gameti e nel tessuto gonadico umano. (PI) prot. C26A13R33K	Sapienza University of Rome Progetto di Ricerca di Università	7.500,00 Euro
2012	Salute riproduttiva ed infertilità di coppia: analisi qualitativa, morfometrica e comparativa di markers strutturali ed ultrastrutturali di qualità nei	Sapienza University of Rome Progetto di Ricerca di Università	7.000,00 Euro



	gameti e nel tessuto gonadico umano. <b>(PI)</b> prot. C26A12XAL7		
2010	L'infertilità di coppia: identificazione di markers strutturali ed ultrastrutturali di qualità nei gameti e nel tessuto gonadico umano. <b>(PI)</b> prot. C26A107FLZ	Sapienza University of Rome Progetto di Ricerca di Università	31.500,00 Euro
2009	Indicatori di qualità in ovociti umani criopreservati: studio morfologico strutturale ed ultrastrutturale. <b>(PI)</b> prot. C26F09YMXX	Sapienza University of Rome Progetto di Ricerca di Facoltà	2.400,00 Euro
2009	Sterilità, ageing riproduttivo ed altre patologie associate all'invecchiamento: analisi morfologica al microscopio ottico ed elettronico a trasmissione e scansione. <b>(PI)</b> prot. C26F09PRT2	Sapienza University of Rome Progetto Coordinato di Ateneo Federato	10.000,00 Euro
2008	Identificazione di markers ultrastrutturali di qualità in ovociti umani sottoposti a differenti procedure di criopreservazione tramite congelamento lento e vitrificazione. <b>(PI)</b> prot. C26F0893YS	Sapienza University of Rome Progetto di Ricerca di Facoltà	2.400,00 Euro
2008	Sterilità, ageing riproduttivo ed altre patologie associate all'invecchiamento: markers strutturali ed ultrastrutturali. <b>(PI)</b> prot. C26F08RTJR	Sapienza University of Rome Progetto Coordinato di Ateneo Federato	10.000,00 Euro
2007	Identificazione di markers ultrastrutturali di qualità in ovociti umani sottoposti a differenti procedure di criopreservazione tramite congelamento lento e vitrificazione. <b>(PI)</b> prot. C26F079C59	Sapienza University of Rome Progetto di Ricerca di Ateneo Federato	2.400,00 Euro
2006	Identificazione di markers ultrastrutturali di qualità in ovociti umani sottoposti a differenti procedure di criopreservazione. <b>(PI)</b> prot. C26F062ZPK	Sapienza University of Rome Progetto di Ricerca di Facoltà	2.640,00 Euro
2005	Identificazione di markers ultrastrutturali di qualità in ovociti umani sottoposti a differenti procedure di criopreservazione. <b>(PI)</b> prot. C26F057292	Sapienza University of Rome Progetto di Ricerca di Facoltà	1.520,00 Euro
2004	Valutazione degli indici	Sapienza University of Rome	1.600,00 Euro

	<i>ultrastrutturali di maturità e fecondabilità di ovociti umani sottoposti a procedure di criopreservazione.</i> <b>(PI)</b> prot. C26F044021	Progetto di Ricerca di Facoltà	
2003	<i>Valutazione degli indici ultrastrutturali di maturità e fecondabilità di ovociti umani sottoposti a procedure di criopreservazione.</i> <b>(PI)</b> prot. C26F035870	Sapienza University of Rome Progetto di Ricerca di Facoltà	1.650,00 Euro
2002	<i>Valutazione morfologica ultrastrutturale dell'accrescimento follicolare in biopsie ovariche umane dopo criopreservazione e xenotrapianto.</i> <b>(PI)</b> prot. C26F025057	Sapienza University of Rome Progetto di Ricerca di Facoltà	1.650,00 Euro
2001	<i>Valutazione morfologica ultrastrutturale dell'accrescimento follicolare in biopsie ovariche umane dopo criopreservazione e xenotrapianto.</i> <b>(PI)</b> prot. C26F017882	Sapienza University of Rome Progetto di Ricerca di Facoltà	3.350.000 Lire
1999	<i>Caratterizzazione ultrastrutturale di uova fecondate in vitro e comparazione tra campioni ottenuti con diverse tecniche di fecondazione assistita.</i> <b>(PI)</b>	Sapienza University of Rome Progetto di Ricerca di Facoltà	3.350.000 Lire

## Part VII – Research Activities

Ovary	<b>Main research field:</b> Microanatomy of gonads and gametes.  <b>Specific research interests:</b> Morphodynamics of the fertilization process, in human and other mammals, as it occurs in different hormonal and microenvironmental conditions, with particular regard to protocols of assisted reproduction; ultrastructural morphology of the human oocyte subjected to different cryopreservation procedures; morphological features of oocytes of different mammals including human subjected to in vitro maturation; embryogenesis of the human female gonad; ultrastructure of the follicular-luteal complex, in human and other mammals, in normal, experimental (ovarian tissue cryopreservation and grafting, in vitro culture of ovarian follicles) and pathological conditions; vascularization of the ovary and oviduct in mammals; morphological features of female and male gonads and gametes subjected to environmental pollution (radiations and pesticides); ultrastructural morphology of human spermatozoa treated with different cryopreservation protocols.
Oocyte	
Spermatozoa	
Microscopic anatomy	
Ultrastructure	
Mammals	
Human	

<b>Instrumentation and techniques employed:</b> Light microscopy, transmission and scanning electron microscopy, confocal laser scanning microscopy, immunocytochemistry, immunofluorescence.
---

**Ongoing collaborations:**

- Department of Life, Health and Environmental Sciences, University of L'Aquila, Italy (Prof. G. Macchiarelli: Ultrastructure of the ovary, Fallopian tube and oocyte; Scanning electron microscopy of vascular corrosion casts in the ovary and Fallopian tube)
- Department of Gynaecology-Obstetrics & Urology, *Sapienza* University, Rome, Italy (Prof. C. Aragona, Dr. G. Micara: Ultrastructure of the human oocyte)
- CNESPS, Italian National Health Institute, Rome, Italy (Dr. G. Scaravelli: Multicentric study on human oocyte cryopreservation)
- Department of Animal Biology, University of Sassari, Italy (Prof. G. Leoni, Prof. F. Berlinguer: Light, electron and confocal microscopy of prepubertal and adult sheep oocytes)
- Department of Comparative Biomedical Sciences, University of Teramo, Italy (Prof. B. Barboni: Angiogenesis in sheep and pig ovary)
- Tecnobios Procreazione, Bologna, Italy (Dr. A. Borini, Dr. G. Coticchio: Ultrastructure of the human cryopreserved oocyte; ultrastructure of the human oocyte after in vitro maturation)
- San Raffaele Scientific Institute, Ob/Gyn IVF UNIT, Milan, Italy (Dr. L. De Santis: Human oocytes cryopreserved with different macromolecular supplements)
- Department of Biomedical, Biotechnological and Translational Sciences, University of Parma, Italy; Department of Biology and Biotechnology "Lazzaro Spallanzani", University of Pavia, Italy (Prof. M. Zuccotti, Prof. S. Garagna: Oogenesis in mammals)
- Department of Gynecology, Catholic University of Louvain, Bruxelles, Belgium (Prof. J. Donnez, Dr. M.-M. Dolmans: Ovarian tissue cryopreservation and grafting)
- Department of Obstetrics and Gynecology, Toho University, Tokyo, Japan (Prof. S. Makabe: Electron microscopy of fertilization and early human development)
- Yazd Institute for Reproductive Sciences, Shaid Sadoughi University of Medical Sciences, Yazd, Iran (Prof. M.A. Khalili: Morphology of cryopreserved and in vitro-matured human oocytes; morphology of cryopreserved human spermatozoa)
- Department of Anatomy, West Kazakhstan Marat Ospanov State Medical University, Aktobe, Kazakhstan (Prof. G.Zhurabekova: Pesticides and reproductive health)
- Faculty of Agriculture, Niigata University, Niigata, Japan (Dr. H. Yamashiro: Effects of radiations on Japanese macaque spermatozoa)
- Obstetrics, Gynecology & Reproductive Science, University of California San Francisco, USA (Prof. P. Rinaudo: In vitro culture of mouse embryos under different oxygen saturations)

**Part VIII – Summary of Scientific Achievements**

Product type	Number	Data Base	Start	End
--------------	--------	-----------	-------	-----

Papers [international]	<b>94</b>	<i>Scopus</i>	1987	2018
	<b>103</b>	<i>WoS Core Collection</i>	1987	2018
	<b>84</b>	<i>PubMed</i>	1987	2018
Books [scientific]	<b>7</b>	<i>ISBN/ISSN</i>	1995	2006
Books [teaching]	<b>4</b>	<i>ISBN</i>	2004	2018

Total Impact Factor	<b>139,959</b> ( <i>JCR Science Editions 1997-2017, calculated according to the year of publication</i> )
Average Impact Factor per Product	<b>1,48</b> ( <i>JCR Science Editions 1997-2017, calculated according to the year of publication / Scopus, 94 publications</i> )
	<b>1,35</b> ( <i>JCR Science Editions 1997-2017, calculated according to the year of publication / WoS, 103 publications</i> )
Total Citations	<b>2178</b> ( <i>Scopus</i> )
	<b>1781</b> ( <i>WoS</i> )
Average Citations per Product	<b>23,17</b> ( <i>Scopus</i> )
	<b>17,29</b> ( <i>WoS</i> )
Hirsch (H) index	<b>26</b> ( <i>Scopus</i> )
	<b>26</b> ( <i>WoS</i> )
Normalized H index*	<b>0,83</b> ( <i>Scopus</i> )
	<b>0,83</b> ( <i>WoS</i> )

\*H index divided by the academic seniority.

## Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

The Publications (maximum N. = 16) have been selected from *Scopus* (<https://www.scopus.com>). For each publication has been reported: authors, title, reference data, document type, journal IF (*JCR Science Editions 1997-2017, calculated according to the year of publication*) and citations (*Scopus, WoS*).

N.	Paper ( <i>Scopus</i> )	IF ( <i>JCR</i> )	N. of Citations ( <i>Scopus</i> )	N. of Citations ( <i>WoS</i> )
1.	Palmerini, M.G., Belli, M., <b>Nottola, S.A.</b> , Miglietta, S., Bianchi, S., Bernardi, S., Antonouli, S., Cecconi, S., Familiari, G., Macchiarelli, G. Mancozeb impairs the ultrastructure of mouse granulosa cells in a dose-dependent manner (2018) <i>Journal of Reproduction and Development</i> , 64 (1), pp. 75-82. DOI: 10.1262/jrd.2017-143	<b>1.635</b>	<b>4</b>	<b>1</b>

	DOCUMENT TYPE: Article			
2.	Khalili, M.A., Shahedi, A., Ashourzadeh, S., <b>Nottola, S.A.</b> , Macchiarelli, G., Palmerini, M.G. Vitrification of human immature oocytes before and after in vitro maturation: a review (2017) Journal of Assisted Reproduction and Genetics, 34 (11), pp. 1413-1426. DOI: 10.1007/s10815-017-1005-4 DOCUMENT TYPE: Review	<b>2.788</b>	<b>8</b>	<b>5</b>
3.	Halvaei, I., Khalili, M.A., Esfandiari, N., Safari, S., Talebi, A.R., Miglietta, S., <b>Nottola, S.A.</b> Ultrastructure of cytoplasmic fragments in human cleavage stage embryos (2016) Journal of Assisted Reproduction and Genetics, 33 (12), pp. 1677-1684. DOI: 10.1007/s10815-016-0806-1 DOCUMENT TYPE: Article	<b>2.163</b>	<b>4</b>	<b>2</b>
4.	<b>Nottola, S.A.</b> , Albani, E., Coticchio, G., Palmerini, M.G., Lorenzo, C., Scaravelli, G., Borini, A., Levi-Setti, P.E., Macchiarelli, G. Freeze/thaw stress induces organelle remodeling and membrane recycling in cryopreserved human mature oocytes (2016) Journal of Assisted Reproduction and Genetics, 33 (12), pp. 1559-1570. DOI: 10.1007/s10815-016-0798-x DOCUMENT TYPE: Article	<b>2.163</b>	<b>11</b>	<b>9</b>
5.	Coticchio, G., Dal Canto, M., Fadini, R., Renzini, M.M., Guglielmo, M.C., Miglietta, S., Palmerini, M.G., Macchiarelli, G., <b>Nottola, S.A.</b> Ultrastructure of human oocytes after in vitro maturation (2016) Molecular Human Reproduction, 22 (2), pp. 110-118. DOI: 10.1093/molehr/gav071 DOCUMENT TYPE: Article	<b>3.943</b>	<b>18</b>	<b>13</b>
6.	Agha-Rahimi, A., Khalili, M.A., <b>Nottola, S.A.</b> , Miglietta, S., Moradi, A. Cryoprotectant-free vitrification of human spermatozoa in new artificial seminal fluid (2016) Andrology, 4 (6), pp. 1037-1044. DOI: 10.1111/andr.12212 DOCUMENT TYPE: Article	<b>2.427</b>	<b>5</b>	<b>2</b>
7.	Bianchi, S., Macchiarelli, G., Micara, G., Linari, A., Boninsegna, C., Aragona, C., Rossi, G., Cecconi, S., <b>Nottola, S.A.</b> Ultrastructural markers of quality are impaired in human metaphase II aged oocytes: a comparison between reproductive and in vitro aging (2015) Journal of Assisted Reproduction and Genetics, 32 (9), pp. 1343-1358. DOI: 10.1007/s10815-015-0552-9 DOCUMENT TYPE: Article	<b>1.858</b>	<b>14</b>	<b>13</b>
8.	Leoni, G.G., Palmerini, M.G., Satta, V., Succu, S., Pasciu, V., Zinellu, A., Carru, C., Macchiarelli, G., <b>Nottola, S.A.</b> , Naitana, S., Berlinguer, F. Differences in the kinetic of the first meiotic division and in active mitochondrial distribution between prepubertal and adult oocytes mirror differences in their developmental competence in a sheep model (2015) PLoS ONE, 10 (4), art. no. 0124911. DOI: 10.1371/journal.pone.0124911 DOCUMENT TYPE: Article	<b>3.057</b>	<b>18</b>	<b>16</b>
9.	Bianchi, V., Macchiarelli, G., Borini, A., Lappi, M., Cecconi, S., Miglietta, S., Familiari, G., <b>Nottola, S.A.</b> Fine morphological assessment of quality of human mature oocytes after slow freezing or vitrification with a closed	<b>2.226</b>	<b>21</b>	<b>18</b>

	device: A comparative analysis (2014) <i>Reproductive Biology and Endocrinology</i> , 12 (1), art. no. 110. DOI: 10.1186/1477-7827-12-110 DOCUMENT TYPE: Article			
10.	Shahedi, A., Hosseini, A., Khalili, M.A., Norouzi, M., Salehi, M., Piriaei, A., <b>Nottola, S.A.</b> The effect of vitrification on ultrastructure of human in vitro matured germinal vesicle oocytes (2013) <i>European Journal of Obstetrics Gynecology and Reproductive Biology</i> , 167 (1), pp. 69-75. DOI: 10.1016/j.ejogrb.2012.11.006 DOCUMENT TYPE: Article	<b>1.627</b>	<b>26</b>	<b>26</b>
11.	Halvaei, I., Khalili, M.A., Razi, M.H., <b>Nottola, S.A.</b> The effect of immature oocytes quantity on the rates of oocytes maturity and morphology, fertilization, and embryo development in ICSI cycles (2012) <i>Journal of Assisted Reproduction and Genetics</i> , 29 (8), pp. 803-810. DOI: 10.1007/s10815-012-9799-6 DOCUMENT TYPE: Article	<b>1.823</b>	<b>16</b>	<b>16</b>
12.	<b>Nottola, S.A.</b> , Cecconi, S., Bianchi, S., Motta, C., Rossi, G., Continenza, M.A., Macchiarelli, G. Ultrastructure of isolated mouse ovarian follicles cultured in vitro (2011) <i>Reproductive Biology and Endocrinology</i> , 9, art. no. 3,. DOI: 10.1186/1477-7827-9-3 DOCUMENT TYPE: Article	<b>2.045</b>	<b>17</b>	<b>12</b>
13.	Coticchio, G., Borini, A., Distratis, V., Maione, M., Scaravelli, G., Bianchi, V., Macchiarelli, G., <b>Nottola, S.A.</b> Qualitative and morphometric analysis of the ultrastructure of human oocytes cryopreserved by two alternative slow cooling protocols (2010) <i>Journal of Assisted Reproduction and Genetics</i> , 27 (4), pp. 131-140. DOI: 10.1007/s10815-010-9394-7 DOCUMENT TYPE: Article	<b>1.253</b>	<b>26</b>	<b>28</b>
14.	<b>Nottola, S.A.</b> , Coticchio, G., Sciajno, R., Gambardella, A., Maione, M., Scaravelli, G., Bianchi, S., Macchiarelli, G., Borini, A. Ultrastructural markers of quality in human mature oocytes vitrified using cryoleaf and cryoloop (2009) <i>Reproductive BioMedicine Online</i> , 19 (SUPPL. 3), pp. 17-27. DOI: 10.1016/S1472-6483(10)60280-5 DOCUMENT TYPE: Article	<b>2.380</b>	<b>52</b>	<b>51</b>
15.	<b>Nottola, S.A.</b> , Camboni, A., Van Langendonck, A., Demylle, D., Macchiarelli, G., Dolmans, M.-M., Martinez-Madrid, B., Correr, S., Donnez, J. Cryopreservation and xenotransplantation of human ovarian tissue: an ultrastructural study (2008) <i>Fertility and Sterility</i> , 90 (1), pp. 23-32. DOI: 10.1016/j.fertnstert.2007.05.069 DOCUMENT TYPE: Article	<b>4.167</b>	<b>68</b>	<b>55</b>
16.	<b>Nottola, S.A.</b> , Coticchio, G., De Santis, L., Macchiarelli, G., Maione, M., Bianchi, S., Iaccarino, M., Flamigni, C., Borini, A. Ultrastructure of human mature oocytes after slow cooling cryopreservation with ethylene glycol (2008) <i>Reproductive BioMedicine Online</i> , 17 (3), pp. 368-377. DOI: 10.1016/S1472-6483(10)60220-9 DOCUMENT TYPE: Article	<b>2.954</b>	<b>34</b>	<b>30</b>

## Part X – Complete Scientific Achievements

- **List of international papers**

(Selected from *Scopus* (<https://www.scopus.com>). For each publication has been reported: authors, title, reference data, document type, journal IF (*JCR Science Editions* 1997-2017, calculated according to the year of publication) and citations (*Scopus, WoS*).

N.	Paper ( <i>Scopus</i> )	IF** ( <i>JCR</i> )	N. of Citations ( <i>Scopus</i> )	N. of Citations ( <i>WoS</i> )
1.	Taghizabet, N., Khalili, M.A., Anbari, F., Agha-Rahimi, A., <b>Nottola, S.A.</b> , Macchiarelli, G., Palmerini, M.G. Human cumulus cell sensitivity to vitrification, an ultrastructural study (2018) <i>Zygote</i> , 26 (3), pp. 224-231. DOI: 10.1017/S0967199418000138 DOCUMENT TYPE: Article	<b>1.114</b>	<b>2</b>	-
2.	Halvaei, I., Ghazali, S., <b>Nottola, S.A.</b> , Khalili, M.A. Cleavage-stage embryo micromanipulation in the clinical setting (2018) <i>Systems Biology in Reproductive Medicine</i> , 64 (3), pp. 157-168. DOI: 10.1080/19396368.2017.1422197 DOCUMENT TYPE: Review	<b>1.582</b>	-	-
3.	Palmerini, M.G., Belli, M., <b>Nottola, S.A.</b> , Miglietta, S., Bianchi, S., Bernardi, S., Antonouli, S., Cecconi, S., Familiari, G., Macchiarelli, G. Mancozeb impairs the ultrastructure of mouse granulosa cells in a dose-dependent manner (2018) <i>Journal of Reproduction and Development</i> , 64 (1), pp. 75-82. DOI: 10.1262/jrd.2017-143 DOCUMENT TYPE: Article	<b>1.635</b>	<b>4</b>	<b>1</b>
4.	Belli, M., Antonouli, S., <b>Nottola, S.A.</b> Mitochondria in Mammalian oocytes and early embryos. A review on morphological and functional studies (2018) <i>EuroMediterranean Biomedical Journal</i> , 13 (26), pp. 114-117. DOI: 10.3269/1970-5492.2018.13.26 DOCUMENT TYPE: Review	-	-	-
5.	Palmerini, M.G., Zhurabekova, G., Balmagambetova, A., <b>Nottola, S.A.</b> , Miglietta, S., Belli, M., Bianchi, S., Cecconi, S., Di Nisio, V., Familiari, G., Macchiarelli, G. The pesticide Lindane induces dose-dependent damage to granulosa cells in an in vitro culture (2017) <i>Reproductive Biology</i> , 17 (4), pp. 349-356. DOI: 10.1016/j.repbio.2017.09.008 DOCUMENT TYPE: Article	<b>1.446</b>	<b>5</b>	<b>1</b>
6.	Khalili, M.A., Shahedi, A., Ashourzadeh, S., <b>Nottola, S.A.</b> , Macchiarelli, G., Palmerini, M.G. Vitrification of human immature oocytes before and after in vitro maturation: a review (2017) <i>Journal of Assisted Reproduction and Genetics</i> , 34 (11), pp. 1413-1426. DOI: 10.1007/s10815-017-1005-4 DOCUMENT TYPE: Review	<b>2.788</b>	<b>8</b>	<b>5</b>
7.	Safari, S., Khalili, M.A., Barekati, Z., Halvaei, I., Anvari, M., <b>Nottola, S.A.</b> Cosmetic micromanipulation of vitrified-warmed cleavage stage embryos does not improve ART	<b>1.446</b>	<b>1</b>	<b>1</b>

	outcomes: An ultrastructural study of fragments (2017) <i>Reproductive Biology</i> , 17 (3), pp. 210-217. DOI: 10.1016/j.repbio.2017.05.003 DOCUMENT TYPE: Article			
8.	Nabi, A., Khalili, M.A., Talebi, A.R., Mangoli, E., Yari, N., <b>Nottola, S.A.</b> , Miglietta, S., Taheri, F. In-vitro application of pentoxifylline preserved ultrastructure of spermatozoa after vitrification in asthenozoospermic patients (2017) <i>Urology Journal</i> , 14 (4), pp. 4038-4043. DOCUMENT TYPE: Article	<b>0.880</b>	-	-
9.	Palmerini, M.G., <b>Nottola, S.A.</b> , Tunjung, W.A.S., Kadowaki, A., Bianchi, S., Cecconi, S., Sato, E., Macchiarelli, G. EGF-FSH supplementation reduces apoptosis of pig granulosa cells in co-culture with cumulus-oocyte complexes (2016) <i>Biochemical and Biophysical Research Communications</i> , 481 (1-2), pp. 159-164. DOI: 10.1016/j.bbrc.2016.10.151 DOCUMENT TYPE: Article	<b>2.466</b>	<b>8</b>	<b>5</b>
10.	Halvaei, I., Khalili, M.A., Esfandiari, N., Safari, S., Talebi, A.R., Miglietta, S., <b>Nottola, S.A.</b> Ultrastructure of cytoplasmic fragments in human cleavage stage embryos (2016) <i>Journal of Assisted Reproduction and Genetics</i> , 33 (12), pp. 1677-1684. DOI: 10.1007/s10815-016-0806-1 DOCUMENT TYPE: Article	<b>2.163</b>	<b>4</b>	<b>2</b>
11.	<b>Nottola, S.A.</b> , Albani, E., Cotichio, G., Palmerini, M.G., Lorenzo, C., Scaravelli, G., Borini, A., Levi-Setti, P.E., Macchiarelli, G. Freeze/thaw stress induces organelle remodeling and membrane recycling in cryopreserved human mature oocytes (2016) <i>Journal of Assisted Reproduction and Genetics</i> , 33 (12), pp. 1559-1570. DOI: 10.1007/s10815-016-0798-x DOCUMENT TYPE: Article	<b>2.163</b>	<b>11</b>	<b>9</b>
12.	Cotichio, G., Dal Canto, M., Fadini, R., Renzini, M.M., Guglielmo, M.C., Miglietta, S., Palmerini, M.G., Macchiarelli, G., <b>Nottola, S.A.</b> Ultrastructure of human oocytes after in vitro maturation (2016) <i>Molecular Human Reproduction</i> , 22 (2), pp. 110-118. DOI: 10.1093/molehr/gav071 DOCUMENT TYPE: Article	<b>3.943</b>	<b>18</b>	<b>13</b>
13.	Agha-Rahimi, A., Khalili, M.A., <b>Nottola, S.A.</b> , Miglietta, S., Moradi, A. Cryoprotectant-free vitrification of human spermatozoa in new artificial seminal fluid (2016) <i>Andrology</i> , 4 (6), pp. 1037-1044. DOI: 10.1111/andr.12212 DOCUMENT TYPE: Article	<b>2.427</b>	<b>5</b>	<b>2</b>
14.	Halvaei, I., Khalili, M.A., <b>Nottola, S.A.</b> A novel method for transmission electron microscopy study of cytoplasmic fragments from preimplantation human embryos (2016) <i>Microscopy Research and Technique</i> , 79 (6), pp. 459-462. DOI: 10.1002/jemt.22657 DOCUMENT TYPE: Article	<b>1.147</b>	<b>3</b>	<b>3</b>
15.	Bianchi, S., Macchiarelli, G., Micara, G., Linari, A., Boninsegna, C., Aragona, C., Rossi, G., Cecconi, S., <b>Nottola, S.A.</b> Ultrastructural markers of quality are impaired in human metaphase II aged oocytes: a comparison between reproductive and in vitro aging (2015) <i>Journal of Assisted Reproduction and Genetics</i> , 32 (9), pp. 1343-1358. DOI:	<b>1.858</b>	<b>14</b>	<b>13</b>



	10.1007/s10815-015-0552-9 DOCUMENT TYPE: Article			
16.	Leoni, G.G., Palmerini, M.G., Satta, V., Succu, S., Pasciu, V., Zinellu, A., Carru, C., Macchiarelli, G., <b>Nottola, S.A.</b> , Naitana, S., Berlinguer, F. Differences in the kinetic of the first meiotic division and in active mitochondrial distribution between prepubertal and adult oocytes mirror differences in their developmental competence in a sheep model (2015) PLoS ONE, 10 (4), art. no. 0124911. DOI: 10.1371/journal.pone.0124911 DOCUMENT TYPE: Article	<b>3.057</b>	<b>18</b>	<b>16</b>
17.	Macchiarelli, G., Palmerini, M.G., <b>Nottola, S.A.</b> Scanning electron microscopy of blood vascular corrosion casts in mammals (2015) Handbook of Vascular Biology Techniques, pp. 153-171. DOI: 10.1007/978-94-017-9716-0_14 DOCUMENT TYPE: Book Chapter	-	-	-
18.	Palmerini, M.G., Antinori, M., Maione, M., Cerusico, F., Versaci, C., <b>Nottola, S.A.</b> , Macchiarelli, G., Khalili, M.A., Antinori, S. Ultrastructure of immature and mature human oocytes after cryotop vitrification (2014) Journal of Reproduction and Development, 60 (6), pp. 411-420. DOI: 10.1262/jrd.2014-027 DOCUMENT TYPE: Article	<b>1.515</b>	<b>24</b>	<b>19</b>
19.	Bianchi, V., Macchiarelli, G., Borini, A., Lappi, M., Cecconi, S., Miglietta, S., Familiari, G., <b>Nottola, S.A.</b> Fine morphological assessment of quality of human mature oocytes after slow freezing or vitrification with a closed device: A comparative analysis (2014) Reproductive Biology and Endocrinology, 12 (1), art. no. 110. DOI: 10.1186/1477-7827-12-110 DOCUMENT TYPE: Article	<b>2.226</b>	<b>21</b>	<b>18</b>
20.	Di Luigi, G., Rossi, G., Castellucci, A., Leocata, P., Carta, G., Canipari, R., <b>Nottola, S.A.</b> , Cecconi, S. Repeated ovarian stimulation does not affect the expression level of proteins involved in cell cycle control in mouse ovaries and fallopian tubes (2014) Journal of Assisted Reproduction and Genetics, 31 (6), pp. 717-724. DOI: 10.1007/s10815-014-0198-z DOCUMENT TYPE: Article	<b>1.718</b>	<b>3</b>	<b>3</b>
21.	Palmerini, M.G., <b>Nottola, S.A.</b> , Leoni, G.G., Succu, S., Borshi, X., Berlinguer, F., Naitana, S., Bekmukhambetov, Y., Macchiarelli, G. In vitro maturation is slowed in prepubertal lamb oocytes: ultrastructural evidences (2014) Reproductive biology and endocrinology: 12 (1), art. no. 115. DOI: 10.1186/1477-7827-12-115 DOCUMENT TYPE: Article	<b>2.226</b>	<b>12</b>	<b>9</b>
22.	Bianchi, S., Macchiarelli, G., Micara, G., Aragona, C., Maione, M., <b>Nottola, S.A.</b> Ultrastructural and morphometric evaluation of aged cumulus-oocyte- complexes (2013) Italian Journal of Anatomy and Embryology, 118 (2 SUPPL), art. no. 28. DOCUMENT TYPE: Note	-	<b>1</b>	-
23.	Khalili, M.A., <b>Nottola, S.A.</b> , Shahedi, A., Macchiarelli, G. Contribution of human oocyte architecture to success of in vitro maturation technology (2013) Iranian Journal of Reproductive Medicine, 11 (1), pp. 1-10.	-	<b>11</b>	<b>12</b>

	DOCUMENT TYPE: Review			
24.	Shahedi, A., Hosseini, A., Khalili, M.A., Norouziyan, M., Salehi, M., Piriaei, A., <b>Nottola, S.A.</b> The effect of vitrification on ultrastructure of human in vitro matured germinal vesicle oocytes (2013) European Journal of Obstetrics Gynecology and Reproductive Biology, 167 (1), pp. 69-75. DOI: 10.1016/j.ejogrb.2012.11.006 DOCUMENT TYPE: Article	1.627	26	26
25.	Halvaei, I., Khalili, M.A., Razi, M.H., Agha-Rahimi, A., <b>Nottola, S.A.</b> Impact of different embryo loading techniques on pregnancy rates in in vitro fertilization/embryo transfer cycles (2013) Journal of Human Reproductive Sciences, 6 (1), pp. 65-69. DOI: 10.4103/0974-1208.112385 DOCUMENT TYPE: Article	-	12	-
26.	Macchiarelli, G., Palmerini, M.G., <b>Nottola, S.A.</b> , Cecconi, S., Tanemura, K., Sato, E. Restoration of corpus luteum angiogenesis in immature hypothyroid rdw rats after thyroxine treatment: Morphologic and molecular evidence (2013) Theriogenology, 79 (1), pp. 116-126. DOI: 10.1016/j.theriogenology.2012.09.016 DOCUMENT TYPE: Article	1.845	13	10
27.	Khalili, M.A., Maione, M., Palmerini, M.G., Bianchi, S., Macchiarelli, G., <b>Nottola, S.A.</b> Ultrastructure of human mature oocytes after vitrification. (2012) European journal of histochemistry : EJH, 56 (3),. DOCUMENT TYPE: Review	2.412	32	35
28.	Halvaei, I., Khalili, M.A., Razi, M.H., <b>Nottola, S.A.</b> The effect of immature oocytes quantity on the rates of oocytes maturity and morphology, fertilization, and embryo development in ICSI cycles (2012) Journal of Assisted Reproduction and Genetics, 29 (8), pp. 803-810. DOI: 10.1007/s10815-012-9799-6 DOCUMENT TYPE: Article	1.823	16	16
29.	<b>Nottola, S.A.</b> , Cecconi, S., Bianchi, S., Motta, C., Rossi, G., Continenza, M.A., Macchiarelli, G. Ultrastructure of isolated mouse ovarian follicles cultured in vitro (2011) Reproductive Biology and Endocrinology, 9, art. no. 3,. DOI: 10.1186/1477-7827-9-3 DOCUMENT TYPE: Article	2.045	17	12
30.	Macchiarelli, G., <b>Nottola, S.A.</b> , Palmerini, M.G., Bianchi, S., Maione, M., Lorenzo, C., Stifano, G., Marco, E.D., Correr, S. Morphological expression of angiogenesis in the mammalian ovary as seen by SEM of corrosion casts (2010) Italian Journal of Anatomy and Embryology, 115 (1-2), pp. 109-114. DOCUMENT TYPE: Article	-	12	-
31.	Coticchio, G., Borini, A., Distratis, V., Maione, M., Scaravelli, G., Bianchi, V., Macchiarelli, G., <b>Nottola, S.A.</b> Qualitative and morphometric analysis of the ultrastructure of human oocytes cryopreserved by two alternative slow cooling protocols (2010) Journal of Assisted Reproduction and Genetics, 27 (4), pp. 131-140. DOI: 10.1007/s10815-010-9394-7 DOCUMENT TYPE: Article	1.253	26	28
32.	Martelli, A., Palmerini, M.G., Russo, V., Rinaldi, C., Bernabò, N., Di Giacinto, O., Berardinelli, P., <b>Nottola, S.A.</b> ,			

	Macchiarelli, G., Barboni, B. Blood vessel remodeling in pig ovarian follicles during the periovulatory period: an immunohistochemistry and SEM-corrosion casting study. (2009) <i>Reproductive biology and endocrinology</i> : RB&E, 7, p. 72. DOI: 10.1186/1477-7827-7-72 DOCUMENT TYPE: Article	<b>2.077</b>	<b>24</b>	<b>23</b>
33.	<b>Nottola, S.A.</b> , Coticchio, G., Sciajno, R., Gambardella, A., Maione, M., Scaravelli, G., Bianchi, S., Macchiarelli, G., Borini, A. Ultrastructural markers of quality in human mature oocytes vitrified using cryoleaf and cryoloop (2009) <i>Reproductive BioMedicine Online</i> , 19 (SUPPL. 3), pp. 17-27. DOI: 10.1016/S1472-6483(10)60280-5 DOCUMENT TYPE: Article	<b>2.380</b>	<b>52</b>	<b>51</b>
34.	Jiang, J.-Y., Miyabayashi, K., <b>Nottola, S.A.</b> , Umezu, M., Cecconi, S., Sato, E., Macchiarelli, G. Thyroxine treatment stimulated ovarian follicular angiogenesis in immature hypothyroid rats (2008) <i>Histology and Histopathology</i> , 23 (11), pp. 1387-1398. DOCUMENT TYPE: Article	<b>2.194</b>	<b>16</b>	<b>12</b>
35.	Camboni, A., Martinez-Madrid, B., Dolmans, M.-M., <b>Nottola, S.</b> , Van Langendonck, A., Donnez, J. Autotransplantation of frozen-thawed ovarian tissue in a young woman: ultrastructure and viability of grafted tissue (2008) <i>Fertility and Sterility</i> , 90 (4), pp. 1215-1218. DOI: 10.1016/j.fertnstert.2007.08.084 DOCUMENT TYPE: Article	<b>4.167</b>	<b>23</b>	<b>19</b>
36.	<b>Nottola, S.A.</b> , Camboni, A., Van Langendonck, A., Demylle, D., Macchiarelli, G., Dolmans, M.-M., Martinez-Madrid, B., Correr, S., Donnez, J. Cryopreservation and xenotransplantation of human ovarian tissue: an ultrastructural study (2008) <i>Fertility and Sterility</i> , 90 (1), pp. 23-32. DOI: 10.1016/j.fertnstert.2007.05.069 DOCUMENT TYPE: Article	<b>4.167</b>	<b>68</b>	<b>55</b>
37.	Camboni, A., Martinez-Madrid, B., Dolmans, M.-M., Amorim, C.A., <b>Nottola, S.A.</b> , Donnez, J., Van Langendonck, A. Preservation of fertility in young cancer patients: Contribution of transmission electron microscopy (2008) <i>Reproductive BioMedicine Online</i> , 17 (1), pp. 136-150. DOI: 10.1016/S1472-6483(10)60303-3 DOCUMENT TYPE: Review	<b>2.954</b>	<b>34</b>	<b>28</b>
38.	<b>Nottola, S.A.</b> , Coticchio, G., De Santis, L., Macchiarelli, G., Maione, M., Bianchi, S., Iaccarino, M., Flamigni, C., Borini, A. Ultrastructure of human mature oocytes after slow cooling cryopreservation with ethylene glycol (2008) <i>Reproductive BioMedicine Online</i> , 17 (3), pp. 368-377. DOI: 10.1016/S1472-6483(10)60220-9 DOCUMENT TYPE: Article	<b>2.954</b>	<b>34</b>	<b>30</b>
39.	Sathanathan, A.H., <b>Nottola, S.A.</b> Digital imaging of stem cells by electron microscopy. (2007) <i>Methods in molecular biology</i> (Clifton, N.J.), 407, pp. 21-41. DOCUMENT TYPE: Article	-	<b>8</b>	-
40.	Martinez-Madrid, B., Camboni, A., Dolmans, M.-M., <b>Nottola, S.</b> , Van Langendonck, A., Donnez, J. Apoptosis and ultrastructural assessment after cryopreservation of whole human ovaries with their vascular pedicle (2007)	<b>3.168</b>	<b>99</b>	<b>87</b>

	Fertility and Sterility, 87 (5), pp. 1153-1165. DOI: 10.1016/j.fertnstert.2006.11.019 DOCUMENT TYPE: Article			
41.	<b>Nottola, S.A.</b> , Macchiarelli, G., Cotichio, G., Bianchi, S., Cecconi, S., De Santis, L., Scaravelli, G., Flamigni, C., Borini, A. Ultrastructure of human mature oocytes after slow cooling cryopreservation using different sucrose concentrations (2007) Human Reproduction, 22 (4), pp. 1123-1133. DOI: 10.1093/humrep/del463 DOCUMENT TYPE: Article	<b>3.543</b>	<b>78</b>	<b>67</b>
42.	Familiari, G., Heyn, R., Relucenti, M., <b>Nottola, S.A.</b> , Sathananthan, A.H. Ultrastructural Dynamics of Human Reproduction, from Ovulation to Fertilization and Early Embryo Development (2006) International Review of Cytology, 249, pp. 53-141. DOI: 10.1016/S0074-7696(06)49002-1 DOCUMENT TYPE: Review	<b>5.988</b>	<b>30</b>	<b>28</b>
43.	Cotichio, G., De Santis, L., Rossi, G., Borini, A., Albertini, D., Scaravelli, G., Alecci, C., Bianchi, V., <b>Nottola, S.</b> , Cecconi, S. Sucrose concentration influences the rate of human oocytes with normal spindle and chromosome configurations after slow-cooling cryopreservation (2006) Human Reproduction, 21 (7), pp. 1771-1776. DOI: 10.1093/humrep/del073 DOCUMENT TYPE: Article	<b>3.769</b>	<b>82</b>	<b>68</b>
44.	<b>Nottola, S.A.</b> , Macchiarelli, G. Structural bases of the ovarian function: An introduction (2006) Microscopy Research and Technique, 69 (6), pp. 384-385. DOI: 10.1002/jemt.20297 DOCUMENT TYPE: Editorial	<b>1.680</b>	<b>2</b>	<b>1</b>
45.	Macchiarelli, G., Jiang, J.-Y., <b>Nottola, S.A.</b> , Sato, E. Morphological patterns of angiogenesis in ovarian follicle capillary networks. A scanning electron microscopy study of corrosion cast (2006) Microscopy Research and Technique, 69 (6), pp. 459-468. DOI: 10.1002/jemt.20305 DOCUMENT TYPE: Article	<b>1.680</b>	<b>32</b>	<b>28</b>
46.	<b>Nottola, S.A.</b> , Heyn, R., Camboni, A., Correr, S., Macchiarelli, G. Ultrastructural characteristics of human granulosa cells in a coculture system for in vitro fertilization (2006) Microscopy Research and Technique, 69 (6), pp. 508-516. DOI: 10.1002/jemt.20309 DOCUMENT TYPE: Article	<b>1.680</b>	<b>26</b>	<b>24</b>
47.	Dolmans, M.-M., Michaux, N., Camboni, A., Martinez-Madrid, B., Van Langendonck, A., <b>Nottola, S.A.</b> , Donnez, J. Evaluation of Liberase, a purified enzyme blend, for the isolation of human primordial and primary ovarian follicles (2006) Human Reproduction, 21 (2), pp. 413-420. DOI: 10.1093/humrep/dei320 DOCUMENT TYPE: Article	<b>3.769</b>	<b>85</b>	<b>79</b>
48.	<b>Nottola, S.A.</b> , Makabe, S., Stallone, T., Familiari, G., Correr, S., Macchiarelli, G. Surface morphology of the zona pellucida surrounding human blastocysts obtained after in vitro fertilization (2005) Archives of Histology and Cytology, 68 (2), pp. 133-141. DOI: 10.1679/aohc.68.133 DOCUMENT TYPE: Article	<b>0.847</b>	<b>20</b>	<b>19</b>

49.	Cecconi, S., Rossi, G., Bianchi, S., Stallone, T., Macchiarelli, G., <b>Nottola, S.</b> In vitro culture of mammalian early ovarian follicles. Morphofunctional correlates and future perspectives (2005) Italian Journal of Anatomy and Embryology, 110 (2 SUPPL. 1), pp. 189-194. DOCUMENT TYPE: Conference Paper	-	2	-
50.	Motta, P.M., <b>Nottola, S.A.</b> , Familiari, G., Makabe, S., Stallone, T., Macchiarelli, G. Morphodynamics of the follicular-luteal complex during early ovarian development and reproductive life (2003) International Review of Cytology, 223, pp. 177-288. DOI: 10.1016/S0074-7696(05)23004-8 DOCUMENT TYPE: Review	4.286	60	50
51.	Macchiarelli, G., Ohtani, O., <b>Nottola, S.A.</b> , Stallone, T., Camboni, A., Prado, I.M., Motta, P.M. A micro-anatomical model of the distribution of myocardial endomysial collagen (2002) Histology and Histopathology, 17 (3), pp. 699-706. DOCUMENT TYPE: Article	1.881	22	21
52.	Makabe, S., Naguro, T., <b>Nottola, S.A.</b> , Motta, P.M. Ultrastructural dynamic features of in vitro fertilization in humans. (2001) Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia, 106 (2 Suppl 2), pp. 11-20. DOCUMENT TYPE: Review	-	8	6
53.	Familiari, G., Relucenti, M., Ermini, M., Verlengia, C., <b>Nottola, S.A.</b> , Motta, P.M. The human zona pellucida and scanning electron microscopy. Reality or artifacts? (2001) Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia, 106 (2 Suppl 2), pp. 33-41. DOCUMENT TYPE: Article	-	10	8
54.	<b>Nottola, S.A.</b> , Makabe, S., Stallone, T., Familiari, G., Macchiarelli, G., Motta, P.M. In vitro fertilized human eggs. An electron microscopic study. (2001) Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia, 106 (2 Suppl 2), pp. 75-83. DOCUMENT TYPE: Article	-	5	3
55.	Fabbri, R., Porcu, E., Marsella, T., Primavera, M.R., Cecconi, S., <b>Nottola, S.A.</b> , Motta, P.M., Venturoli, S., Flamigni, C. Human embryo development and pregnancies in an homologous granulosa cell coculture system (2000) Journal of Assisted Reproduction and Genetics, 17 (1), pp. 1-12. DOI: 10.1023/A:1009424528177 DOCUMENT TYPE: Article	1.416	21	11
56.	Motta, P.M., <b>Nottola, S.A.</b> , Makabe, S., Heyn, R., Jansen, R. Mitochondrial morphology in human fetal and adult female germ cells (2000) Human Reproduction, 15 (SUPPL. 2), pp. 129-147. DOI: 10.1093/humrep/15.suppl_2.129 DOCUMENT TYPE: Conference Paper	2.997	149	-
57.	<b>Nottola, S.A.</b> , Makabe, S., Stallone, T., Macchiarelli, G., Correr, S., Motta, P.M. Ultrastructure and distribution of interstitial glandular cells and associated elements in human fetal ovaries (2000) Archives of Histology and Cytology, 63 (4), pp. 345-355. DOI: 10.1679/aohc.63.345 DOCUMENT TYPE: Article	1.202	5	5

58.	Motta, P.M., <b>Nottola, S.A.</b> , Familiari, G., Macchiarelli, G., Correr, S., Makabe, S. Structure and function of the human oocyte-cumulus-corona cell complex before and after ovulation (1999) <i>Protoplasma</i> , 206 (4), pp. 270-277. DOI: 10.1007/BF01288215 DOCUMENT TYPE: Conference Paper	<b>1.631</b>	<b>11</b>	<b>12</b>
59.	Familiari, G., Verlengia, C., <b>Nottola, S.A.</b> , Tripodi, A., Hyttel, P., Macchiarelli, G., Motta, P.M.. Ultrastructural features of bovine cumulus-corona cells surrounding oocytes, zygotes and early embryos (1998) <i>Reproduction, Fertility and Development</i> , 10 (4), pp. 315-326. DOI: 10.1071/R98004 DOCUMENT TYPE: Article	<b>1.089</b>	<b>17</b>	<b>14</b>
60.	Macchiarelli, G., <b>Nottola, S.A.</b> , Familiari, G., Caggiati, A. Aging of human long saphenous vein. A light and scanning electron microscopy study (1998) <i>Cardiovascular Imaging</i> , 10 (2), pp. 83-86. DOCUMENT TYPE: Article	-	<b>1</b>	-
61.	Macchiarelli, G., <b>Nottola, S.A.</b> , Picucci, K., Stallone, T., Motta, P.M. The microvasculature of the corpus luteum in pregnant rabbit. A scanning electron microscopy study of corrosion casts. (1998) <i>Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia</i> , 103 (4 Suppl 1), pp. 191-202. DOCUMENT TYPE: Article	-	<b>10</b>	<b>6</b>
62.	Verlengia, C., <b>Nottola, S.A.</b> , Bellachioma, E., Casilli, F., Tripodi, A., Familiari, G. Bovine cumulus-corona cells in maturing oocytes. A scanning electron microscopic study. (1998) <i>Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia</i> , 103 (4 Suppl 1), pp. 119-127. DOCUMENT TYPE: Article	-	-	<b>1</b>
63.	<b>Nottola, S.A.</b> , Macchiarelli, G., Familiari, G., Stallone, T., Sathananthan, A.H., Motta, P.M. Egg-sperm interactions in humans: ultrastructural aspects. (1998) <i>Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia</i> , 103 (4 Suppl 1), pp. 85-101. DOCUMENT TYPE: Article	-	<b>10</b>	<b>8</b>
64.	Motta, P.M., <b>Nottola, S.A.</b> , Familiari, G. Morphodynamics of human oocytes at ovulation and fertilization (1998) <i>FASEB Journal</i> , 12 (5),. DOCUMENT TYPE: Article	-	-	-
65.	Motta, P.M., Makabe, S., <b>Nottola, S.A.</b> , Macchiarelli, G., Familiari, G., Correr, S. Morphodynamic events of human oocytes during folliculogenesis and in the extraovarian microfollicular unit (1998) <i>Assisted Reproduction Reviews</i> , 8 (4), pp. 205-216. DOCUMENT TYPE: Article	-	<b>6</b>	-
66.	Motta, P.M., <b>Nottola, S.A.</b> , Makabe, S. Natural history of the female germ cell from its origin to full maturation through prenatal ovarian development (1997) <i>European Journal of Obstetrics Gynecology and Reproductive Biology</i> , 75 (1), pp. 5-10. DOI: 10.1016/S0301-2115(97)00216-9 DOCUMENT TYPE: Article	<b>0.549</b>	<b>39</b>	<b>35</b>
67.	Motta, P.M., Macchiarelli, G., <b>Nottola, S.A.</b> , Correr, S. Histology of the exocrine pancreas (1997) <i>Microscopy</i>			

	Research and Technique, 37 (5-6), pp. 384-398. DOI: 10.1002/(SICI)1097-0029(19970601)37:5/6<384::AID-JEMT3>3.0.CO;2-E DOCUMENT TYPE: Article	<b>1.198</b>	<b>37</b>	<b>33</b>
68.	Motta, P.M., Makabe, S., <b>Nottola, S.A.</b> The ultrastructure of human reproduction. 1. The natural history of the female germ cell: Origin, migration and differentiation inside the developing ovary (1997) Human Reproduction Update, 3 (3), pp. 281-295. DOI: 10.1093/humupd/3.3.281 DOCUMENT TYPE: Review	<b>2.642</b>	<b>71</b>	<b>61</b>
69.	<b>Nottola, S.A.</b> , Macchiarelli, G., Motta, P.M. The angioarchitecture of estrous, pseudopregnant and pregnant rabbit ovary as seen by scanning electron microscopy of vascular corrosion casts (1997) Cell and Tissue Research, 288 (2), pp. 353-363. DOI: 10.1007/s004410050821 DOCUMENT TYPE: Article	<b>1.740</b>	<b>16</b>	<b>13</b>
70.	Familiari, G., Verlengia, C., <b>Nottola, S.A.</b> , Renda, T., Micara, G., Aragona, C., Zardi, L., Motta, P.M. Heterogeneous distribution of fibronectin, tenascin-C, and laminin immunoreactive material in the cumulus-corona cells surrounding mature human oocytes from IVF-ET protocols - Evidence that they are composed of different subpopulations: An immunohistochemical study using scanning confocal laser and fluorescence microscopy (1996) Molecular Reproduction and Development, 43 (3), pp. 392-402. DOI: 10.1002/(SICI)1098-2795(199603)43:3<392::AID-MRD14>3.0.CO;2-3 DOCUMENT TYPE: Article	<b>2.189</b>	<b>31</b>	<b>28</b>
71.	Macchiarelli, G., <b>Nottola, S.A.</b> , Vizza, E., Correr, S., Motta, P.M. Changes of ovarian microvasculature in hCG stimulated rabbits. A scanning electron microscopic study of corrosion casts. (1995) Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia, 100 Suppl 1, pp. 469-477. DOCUMENT TYPE: Article	-	<b>11</b>	<b>10</b>
72.	Motta, P.M., <b>Nottola, S.A.</b> , Familiari, G., Macchiarelli, G., Vizza, E., Correr, S. Ultrastructure of human reproduction from folliculogenesis to early embryo development. A review. (1995) Italian journal of anatomy and embryology = Archivio italiano di anatomia ed embriologia, 100 (4), pp. 9-72. DOCUMENT TYPE: Review	-	<b>22</b>	-
73.	Motta, P.M., <b>Nottola, S.A.</b> , Pereda, J., Croxatto, H.B., Familiari, G. Fertilization and early embryology: Ultrastructure of human cumulus oophorus: A transmission electron microscopic study on oviductal oocytes and fertilized eggs (1995) Human Reproduction, 10 (9), pp. 2361-2367. DOI: 10.1093/oxfordjournals.humrep.a136299 DOCUMENT TYPE: Article	<b>2.421</b>	<b>49</b>	<b>51</b>
74.	Minh, H.-N., Makabe, S., <b>Nottola, S.A.</b> , Smadja, A., Motta, P.M. Folliculogenesis in human ovarian organogenesis [LA FOLLICULOGENESE AU COURS DE L'ORGANOGENESE OVARIENNE HUMAINE] (1993) Gynecologie, 44 (2), pp. 67-80. DOCUMENT TYPE: Article	-	<b>6</b>	-

75.	Familiari, G., Caggiati, A., <b>Nottola, S.A.</b> , Ermini, M., Benedetto, M.R.D., Motta, P.M. Infertility: Ultrastructure of human ovarian primordial follicles after combination chemotherapy for hodgkin's disease (1993) Human Reproduction, 8 (12), pp. 2080-2087. DOI: 10.1093/oxfordjournals.humrep.a137985 DOCUMENT TYPE: Article	<b>2.421</b>	<b>155</b>	<b>134</b>
76.	Macchiarelli, G., <b>Nottola, S.A.</b> , Vizza, E., Familiari, G., Motta, P.M., Kikuta, A., Murakami, T. Microvasculature of Growing and Atretic Follicles in the Rabbit Ovary: A SEM Study of Corrosion Casts (1993) Archives of Histology and Cytology, 56 (1), pp. 1-12. DOI: 10.1679/aohc.56.1 DOCUMENT TYPE: Article	<b>1.505</b>	<b>35</b>	<b>57</b>
77.	Macchiarelli, G., Vizza, E., <b>Nottola, S.A.</b> , Familiari, G., Motta, P. Cellular and Microvascular Changes of the Ovarian Follicle during Folliculogenesis: A Scanning Electron Microscopic Study (1992) Archives of Histology and Cytology, 55, pp. 191-204. DOI: 10.1679/aohc.55.Suppl_191 DOCUMENT TYPE: Article	<b>1.505</b>	<b>27</b>	<b>26</b>
78.	Caggiati, A., Macchiarelli, G., <b>Nottola, S.A.</b> , Vizza, E., Familiari, G. Scanning electron microscopy of the rabbit gallbladder mucosal microvasculature (1992) Journal of Anatomy, 180 (2), pp. 275-280. DOCUMENT TYPE: Article	<b>1.172</b>	<b>10</b>	<b>8</b>
79.	Familiari, G., <b>Nottola, S.A.</b> , Macchiarelli, G., Familiari, A., Motta, P.M. A technique for exposure of the glycoproteic matrix (zona pellucida and mucus) for scanning electron microscopy (1992) Microscopy Research and Technique, 23 (3), pp. 225-229. DOI: 10.1002/jemt.1070230305 DOCUMENT TYPE: Article	<b>1.198</b>	<b>15</b>	<b>13</b>
80.	Familiari, G., <b>Nottola, S.A.</b> , Macchiarelli, G., Micara, G., Aragona, C., Motta, P.M. Human zona pellucida during in vitro fertilization: An ultrastructural study using saponin, ruthenium red, and osmium-thiocarbohydrazide (1992) Molecular Reproduction and Development, 32 (1), pp. 51-61. DOI: 10.1002/mrd.1080320109 DOCUMENT TYPE: Article	<b>2.189</b>	<b>63</b>	<b>69</b>
81.	Squadrito, F., Macchiarelli, G., Santoro, G., Arcoraci, V., Trimarchi, G.R., Sturniolo, R., <b>Nottola, S.A.</b> , Motta, P.M., Caputi, A.P. Effects of captopril on the development of rat doxorubicin nephropathy (1992) Histology and Histopathology, 7 (2), pp. 223-229. DOCUMENT TYPE: Article	<b>1.028</b>	<b>5</b>	<b>4</b>
82.	Macchiarelli, G., <b>Nottola, S.A.</b> , Vizza, E., Kikuta, A., Murakami, T., Motta, P.M. Ovarian microvasculature in normal and hCG stimulated rabbits. A study of vascular corrosion casts with particular regard to the interstitium. (1991) Journal of submicroscopic cytology and pathology, 23 (3), pp. 391-395. DOCUMENT TYPE: Article	<b>0.690</b>	<b>26</b>	<b>23</b>
83.	Motta, P.M., Familiari, G., <b>Nottola, S.A.</b> , Micara, G., Aragona, C. Microstructural events of human egg investments during in vitro fertilization. Ultrastructure of the zona pellucida and cumulus oophorus. (1991) Bulletin de l'Association des anatomistes, 75 (228), pp. 89-91.	-	<b>12</b>	-



	DOCUMENT TYPE: Article			
84.	<b>Nottola, S.A.</b> , Familiari, G., Micara, G., Aragona, C., Motta, P.M. The Ultrastructure of Human Cumulus-Corona Cells at the Time of Fertilization and Early Embryogenesis. A Scanning and Transmission Electron Microscopic Study in an in vitro Fertilization Program (1991) Archives of Histology and Cytology, 54 (2), pp. 145-161. DOI: 10.1679/aohc.54.145 DOCUMENT TYPE: Article	<b>1.505</b>	<b>33</b>	<b>32</b>
85.	Motta, P.M., Familiari, G., <b>Nottola, S.A.</b> , Micara, G., Aragona, C. Ultrastructure of human egg investments during IVF (1989) Molecular Andrology, 1 (3), pp. 218-224. DOCUMENT TYPE: Conference Paper	-	<b>1</b>	-
86.	Motta, P.M., <b>Nottola, S.A.</b> Colored scanning electron microscopic pictures in teaching anatomy. (1989) Progress in clinical and biological research, 295, pp. 629-634. DOCUMENT TYPE: Article	-	<b>2</b>	-
87.	Familiari, G., <b>Nottola, S.A.</b> , Familiari, A., Motta, P.M. The three-dimensional structure of the zona pellucida in growing and atretic ovarian follicles of the mouse - Scanning and transmission electron-microscopic observations using ruthenium red and detergents (1989) Cell and Tissue Research, 257 (2), pp. 247-253. DOI: 10.1007/BF00261827 DOCUMENT TYPE: Article	<b>1.740</b>	<b>12</b>	<b>13</b>
88.	<b>Nottola, S.A.</b> , Familiari, G., Micara, G., Aragona, C., Motta, P.M. The role of the cumulus-corona cells surrounding in vitro human oocytes and polypronuclear ova: an ultrastructural study. (1989) Progress in clinical and biological research, 296, pp. 345-354. DOCUMENT TYPE: Article	-	<b>7</b>	-
89.	Familiari, G., <b>Nottola, S.A.</b> , Micara, G., Aragona, C., Motta, P. Human in vitro fertilization: the fine three-dimensional architecture of the zona pellucida. (1989) Progress in clinical and biological research, 296, pp. 335-344. DOCUMENT TYPE: Article	-	<b>13</b>	-
90.	Sancesario, G., Massa, R., Petrillo, S., <b>Nottola, S.A.</b> , Correr, S., Rossini, P.M. Transcranial unifocal stimulation in rabbit: Subcutaneous and meningeal changes (1989) European Neurology, 29 (2), pp. 93-98. DOI: 10.1159/000116386 DOCUMENT TYPE: Article	<b>1.220</b>	<b>5</b>	<b>3</b>
91.	Familiari, G., <b>Nottola, S.A.</b> , Micara, G., Aragona, C., Motta, P.M. Is the sperm-binding capability of the zona pellucida linked to its surface structure? A scanning electron microscopic study of human in vitro fertilization (1988) Journal of In Vitro Fertilization and Embryo Transfer, 5 (3), pp. 134-143. DOI: 10.1007/BF01131175 DOCUMENT TYPE: Article	<b>0.820</b>	<b>51</b>	<b>48</b>
92.	Motta, P.M., <b>Nottola, S.A.</b> , Micara, G., Familiari, G. Ultrastructure of Human Unfertilized Oocytes and Polyspermic Embryos in an IVF-ET Program (1988) Annals of the New York Academy of Sciences, 541 (1), pp. 367-383. DOI: 10.1111/j.1749-6632.1988.tb22274.x DOCUMENT TYPE: Article	<b>0.903</b>	<b>40</b>	<b>33</b>
93.	<b>Nottola, S.A.</b> , Petrillo, S., Correr, S., Motta, P.M. Scanning and transmission electron microscopic observations on the			

	stroma of the rat adenohypophysis [Osservazioni al microscopio elettronico a scansione ed a trasmissione sullo stroma dell'adenopofisi del ratto.](1987) Archivio Italiano di Anatomia e di Embriologia, 92 (1), pp. 1-28. DOCUMENT TYPE: Article	-	1	-
94.	Familiari, G., <b>Nottola, S.A.</b> , Motta, P.M. Focal cell contacts detected by ruthenium red, Triton X100 and saponin in the granulosa cells of mouse ovary (1987) Tissue and Cell, 19 (2), pp. 207-215. DOI: 10.1016/0040-8166(87)90006-1 DOCUMENT TYPE: Article	1.000	6	6

**\*\*IF 1997-2017:** calculated according to the year of publication; **IF 2018:** calculated according to the IF 2017 (last available source); **IF 1987-1996:** calculated according to the IF 1997 (first available source)

• **List of books (scientific)**

N.	Book	ISBN/ISSN
1.	An Atlas of Human Female Reproductive Function. S. Makabe, J. Van Blerkom (eds.), <b>S.A. Nottola</b> , T. Naguro (co-eds.), Taylor & Francis Medical Books, London, 2006.	ISBN 10: 1-84214-121-X ISBN 13: 9-78-1-84214-121-2
2.	Structural Basis of the Ovarian Function. <b>S.A. Nottola</b> e G. Macchiarelli (eds.), Microscopy Research and Technique, vol. 69, n. 6, 2006. Wiley, New York.	ISSN:1059-910X
3.	Morphodynamics of Cells and Tissues. A Book in Memory of Pietro M. Motta. R. Heyn, F. Barberini, A. Caggiati, G. Familiari, G. Macchiarelli, <b>S.A. Nottola</b> , S. Correr (eds.) – Italian Journal of Anatomy and Embryology, vol. 110 (Supplement 1) n. 2, 2005. Il Sedicesimo, Firenze.	ISSN:1122-6714
4.	Advances in Microanatomy of Cells and Tissues: Biophysical and Biochemical Correlates. P.M. Motta, G. Macchiarelli, <b>S.A. Nottola</b> (eds.) – Italian Journal of Anatomy and Embryology, vol. 106 (Supplement 1) n. 2, 2001. Il Sedicesimo, Firenze.	ISSN:1122-6714
5.	Molecular, Cellular and Developmental Biology of Reproduction: Basic and Clinical Aspects. P.M. Motta, <b>S.A. Nottola</b> and G. Macchiarelli (eds.) - Italian Journal of Anatomy and Embryology vol. 106 (Supplement 2) n. 2, 2001. Il Sedicesimo, Firenze.	ISSN:1122-6714
6.	New Trends in Microanatomy of Reproduction. G. Macchiarelli, <b>S.A. Nottola</b> , S. Correr, P.M. Motta (eds.) - Italian Journal of Anatomy and Embryology, vol. 103 (Supplement 1) n. 4, 1998. Il Sedicesimo, Firenze.	ISSN:1122-6714
7.	New Trends in Microanatomy. A Commemorative Volume in Honour of Marcello Malpighi, 1694-1994. P.M. Motta (ed.), R. Heyn, <b>S.A. Nottola</b> (assist. eds.) - Italian Journal of Anatomy and Embryology, vol. 100 (Supplement 1), 1995. Il	ISSN:1122-6714

	Sedicesimo, Firenze.	
--	----------------------	--

- **List of books (teaching)**

N.	Book	ISBN
1.	Seeley - Anatomia Umana. Vanputte, Regan, Russo, IV edizione ( <i>curatela</i> ). F. Cappello, F. Amenta, A. Brunetti, L. Calderan, C. Castaldo, S. Castorina, A. De Luca, F. Di Meglio, P. F. Fabene, I. Ferrandino, G. Guerra, M. C. Grimaldi, V. Macchi, G. Macchiarelli, S. Montagnani, <b>S.A. Nottola</b> , D. Nurzyska, M. Papa, M. Raspanti, M. Rende, D. Tafuri; pag. 758. Casa Editrice Idelson Gnocchi – Sorbona, Napoli, 2018.	ISBN: 978-88-7947-664-5
2.	Anatomia per le Professioni Sanitarie. G. Macchiarelli, S. Montagnani, A. Arcucci, S. Bianchi, C. Castaldo, M. P. Cinelli, M. A. Continenza, F. Di Meglio, G. Guerra, <b>S.A. Nottola</b> , D. Nurzyska, R. Spera; pag. 369. Casa Editrice Idelson Gnocchi – Sorbona, Napoli, 2015.	ISBN: 978-88-7947-591-4
3.	Seeley -Anatomia. Vanputte, Regan, Russo, III edizione ( <i>curatela</i> ). F. Amenta, S. Bianchi, A. Brunetti, L. Calderan, C. Castaldo, F. Di Meglio, P. Fabene, I. Ferrandino, G. Guerra, M. C. Grimaldi, G. Macchiarelli, S. Montagnani, <b>S.A. Nottola</b> , D., Nurzyska, M. Rende, D. Tafuri, G. A. Tommaselli; pag. 908. Casa Editrice Idelson Gnocchi – Sorbona, Napoli, 2014.	ISBN: 978-88-7947-584-6
4.	Anatomia Umana. Bareggi - Dell'Orbo - Ferri - Gaeta - Macchiarelli - Montagnani – <b>Nottola</b> - Tazzi - Valenza - Verze' - Viglietti Panzica; pag. 600. Casa Editrice Idelson-Gnocchi, Napoli, 2004.	ISBN: 88-7947-377-8

Roma, 10 Dicembre 2018

Stefania Annarita Nottola

