

ALLEGATO D DEL VERBALE N. 3

PROCEDURA SELETTIVA DI CHIAMATA PER N. 1 POSTO DI RICERCATORE A TEMPO DETERMINATO DI TIPOLOGIA B PER IL SETTORE CONCURSALE 06/H1 - SETTORE SCIENTIFICO-DISCIPLINARE MED/40 - PRESSO IL DIPARTIMENTO MATERNO INFANTILE E SCIENZE UROLOGICHE DELL'UNIVERSITÀ DEGLI STUDI DI ROMA "LA SAPIENZA" BANDITA CON D.R. N. 2593/2019 DEL 28/08/2019

TITOLI E PUBBLICAZIONI VALUTABILI

CANDIDATO: DI DONATO VIOLANTE

VERIFICA TITOLI VALUTABILI:

A) TESI DI DOTTORATO:

Dottorato di ricerca in scienze ginecologiche ed ostetriche XXVI ciclo conseguito presso l'Università di Roma " La SAPIENZA" dal 01/11/2010 al 31/01/2014. Presentando la tesi dal titolo "Tecnica di avanzamento V-Y di flap gluteo per la ricostruzione vulvo-vaginale dopo chirurgia per neoplasie vulvari. Risultati funzionali e qualità di vita.

B) ATTIVITÀ DIDATTICA:

- Università degli studi di Roma "Sapienza" - Facoltà di Medicina e Odontoiatria. **Corso Integrato di Ginecologia ed Ostetricia nel Corso di Laurea "A"** in Medicina e Chirurgia. Materia di insegnamento: Ginecologia ed Ostetricia in qualità di Cultore della Materia.
- Università degli studi di Roma "Sapienza" - Facoltà di Medicina e Odontoiatria. Integrato di Ginecologia ed Ostetricia nel **Corso di Laurea "D" in Medicina e Chirurgia**. Anno accademico 2014 ad oggi. Materia di insegnamento: Ginecologia ed Ostetricia in qualità di Cultore della Materia.
- Università degli studi di Roma "Sapienza" - Facoltà di Medicina e Odontoiatria. **Corso di Laurea in Ostetricia A** Anno accademico 2016/2017 Materia di insegnamento: Seminario di Patologia Ostetrica
- Università degli studi di Roma "Sapienza" - Facoltà di Medicina e Chirurgia. **Dottorato di Ricerca Titolo del Corso: "Tecnologie Avanzate in Chirurgia." (Codice: 11125)** Materia di insegnamento: Chirurgia tumore ovarico avanzato. "Chirurgia del tumore Ovarico Avanzato" e "Chirurgia dell'alto Addome" , "Isterectomia radicale" , "tecniche di resezione dell'uretere".

- Università degli studi di Roma "Sapienza" - Facoltà di Medicina e Chirurgia. **Master Universitario di II livello** in Titolo del Corso: **“Andrologia Chirurgia Ricostruttiva ed implantologia Protesica” (ANDR/AC/1 del 20/02/2018)** Anno accademico 2017/2018 Materia di insegnamento: Malattie Sessualmente Trasmissibili.)
- **Correlatore n° 2 Tesi Sperimentali di Specializzazione in Ginecologia ed Ostetricia.**
- **Correlatore n° 11 Tesi Sperimentali di Tesi Sperimentali di Laurea in Medicina inerenti all’ambito del SSD MED/40**

C) ATTIVITÀ DI FORMAZIONE O RICERCA PRESSO QUALIFICATI ISTITUTI.

1. **Training Program: “Laparoscopia Diagnostica ed Operativa in Ginecologia”**
2. **Training Program: “Isterectomia Laparoscopica”**
3. **Training Program: Anatomia Chirurgica della Pelvi Femminile su Cadavere AKI Société de Recherche et Formation en Chirurgie Pelvienne.**
4. **Master di secondo livello in oncologia ginecologica.**
5. **Investigator Training Program** su ICH-GCP and Addendum E6(R2)
6. **Training Program “Science Of Energy Leader.**
7. **Robotic Training Passport Program: Robotic Technology Training Series (TR 100**
8. **Independent Consultant Istituto nazionale Tumori di Milano dal 21/07/2013 al 20/01/2014**
9. **Assegnista di ricerca dal 01/05/2014 al 30/07/2017 (3 anni consecutivi)**
10. **Assegnista di ricerca dal 01-04-2018 al 31-03 2019 (1 anno).**
11. **Collaborazione** continuata e continuativa per lo svolgimento del progetto di “Implementazione die percorsi diagnostico-assistenziali e di supporto per migliorare la vita delle donne affette da malattie croniche invalidanti della sfera urogenitale.”
12. **Honorary Research Fellow** University of Manchester, Manchester, UK
13. **Honorary Research Fellow** The Royal Infirmary Edinburgh University Hospital UK (
14. **Research Collaborator 'Istituto Superiore di Sanita' .**
15. **Energy Ambassador e Docente di “Science Of Energy” per Johnson & Johnson Medical s.p.a.**

D) ATTIVITÀ IN CAMPO CLINICO:

1. **Independent Consultant IRCCS - Istituto nazionale Tumori di Milano dal 21/07/2013 al 20/01/2014.**

171 interventi chirurgici di alta complessità da I operatore e Aiuto

1016 visite di alta Specialità Ginecologica certificate e registrate SISS - LOMBARDIA

2. **Collaborazione continuata e continuativa** per lo svolgimento del progetto presso l'azienda Policlinico Umberto I di Roma. Dal 30/12/2016 al 31/06/2019.

3. **Independent Consultant** Comando Generale dell'Arma dei Carabinieri

4. **Consultant** presso l'Istituto Privato Casa Di Cura Quisisana,

251 interventi chirurgici di chirurgia ginecologica oncologica e per patologia benigna maggiore e minore da Aiuto e I operatore.

E) REALIZZAZIONE DI ATTIVITÀ PROGETTUALE:

1) FINANZIAMENTI PER PROGETTI DI RICERCA COMPETITIVI:

1. Studio dell'indice di fragilità come predittore di complicanze gravi e mortalità perioperatoria in pazienti sottoposte a chirurgia per il trattamento di tumori ginecologici." (ANNO 2015 - prot. C26N15LL2Y
2. Valutazione del recettori degli estrogeni, progesterone e Ki67 come biomarker predittivi di recidiva nel carcinoma dell'endometrio." (ANNO 2016 - prot. AR216154CA085BE6).
3. "Le Basi metodologiche per una chemioterapia anti-tumorale mirata: il saggio EDR nel Carcinoma Ovarico ed in altre neoplasie", nell'ambito del programma Oncotecnologico" Progetto N. 501/A19, finanziato dall Ministero della Salute in collaborazione con il Dipartimento di Ematologia, Oncologia e
4. "Valutazione dell'azione combinata della Doxorubicina o dell'Etoposide con l'LBW242 nella recidiva di carcinoma ovarico platino-resistente Università' Sapienza (2012-prot. N. C26N12448J)
5. "Studio osservazionale breathing analysis by electronic nose for detection of ovarian cancer in general population and in population at risk"
6. Studio multicentrico randomizzato tra due regimi di follow up a diversa intensità di esami nelle pazienti trattate per carcinoma dell'endometrio"
7. "An international field study for the reliability and validity of the EORTC Vulva Cancer Questionnaire (EORTC VU34) module" finanziato dall' European Organisation for Research and Treatment of Cancer Quality of Life Group (EORTC - QLG; GRANT 002-12-Vulva.3).
8. "Linfonodo sentinella e carcinoma dell'endometrio:tecnica, fattibilità e valore diagnostico-terapeutico " (ANNO 2013 - prot. C26A13R8S5). I risultati sono stati pubblicati su Journal of Investigative

Surgery "VALUE OF FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY / COMPUTED TOMOGRAPHY (PET/CT) AND SENTINEL LYMPH NODE BIOPSY (SLN) IN ENDOMETRIAL CANCER PATIENTS: A PROSPECTIVE STUDY"

9. Evaluation of predictive biomarkers of neoadjuvant chemoresistance in patients affected by locally advanced cervical cancer. (Anno 2016 n. protocollo RM116155066A878A)
10. Human papillomavirus infection and related diseases: a multidisciplinary approach. - (Anno 2018 n. protocollo RG1181642D20C92D).

2) RESPONSABILITA' DI STUDI AFFIDATI DA QUALIFICATE ISTITUZIONI

2. Studio ECHO - D4320C00036 "**Studio di fase II, in doppio cieco, controllato con placebo, multicentrico, randomizzato, di ZD4054 più Carboplatino e Paclitaxel o Placebo più Carboplatino e Paclitaxel, in pazienti con Carcinoma Ovarico avanzato, sensibile alla chemioterapia a base di Platino**" (sponsored) (2009- 2011).
3. **MITO 17: "Tertiary cytoreductive surgery in recurrent epithelial ovarian cancer: A multicentre MITO retrospective study"** (2012-2017).
4. "**Salvage surgery for recurrent uterine or cervical cancer (SALVAGE STUDY)** "
5. "**Phase 2 Study of MLN0128, Combination of MLN0128 With MLN1117, Paclitaxel and Combination of MLN0128 With Paclitaxel in Women With Endometrial Cancer**" Sponsored by Millennium Pharmaceuticals Inc. (EudraCT Number: 2014-005394-37; Sponsor Protocol Number: C31004)
6. "**A Randomized, Double-Blind, Placebo-Controlled Phase II Trial of Neoadjuvant Carboplatin and Paclitaxel, With or Without Debio 1143 in Patients With Newly Diagnosed Advanced Epithelial Ovarian Cancer.**" (EudraCT number:2015-005137-42; Sponsor's Protocol Code Number: Debio1143- EOC-203)

F) GRUPPI DI RICERCA NAZIONALI E INTERNAZIONALI

1. **Membro dell'IGCS** (International Gynecologic Cancer Society).
Membro dell'ESGO (European Society of Gynaecological Cancer).
Membro del ESGO – SURGEON Task force (SURgery in GynaEcological Oncology).

2. **Membro eletto del Consiglio Direttivo della SIOG** (Società Italiana di Ginecologia Oncologica) per il triennio 2018 - 2021
3. **Socio del gruppo di ricerca multicentrico nazionale (MITO)**. Multicenter Italian Trials in Ovarian cancer and gynecologic malignancies.
4. **Collaboratore al gruppo cooperativo "Rete Oncologica del Lazio"**

G) BREVETTI
Nessuno

H) RELAZIONI A CONGRESSI NAZIONALI E INTERNAZIONALI:

Relatore a 24 a congressi nazionali

Relatore 18 a congressi internazionali

Moderatore a 2 congressi internazionali

I) PREMI E RICONOSCIMENTI

Vincitore 2nd ORNELLA SIZZI award nel WOMEN'S SURGEONS DAY: 21 Giugno 2019 organizzato dalla **ISGE (International Society for Gynecologic Endoscopy)**.

Membro eletto del Consiglio Direttivo della SIOG (Società Italiana di Ginecologia Oncologica) per il triennio 2018 - 2021

Membro del ESGO – SURGEON Task force (SURgery in GynaEcological Oncology).

J) PARTECIPAZIONE A BOARDS EDITORIALI:

Riviste impattate:

- JOURNAL OF MOLECULAR SCIENCES (IF:4.183)
- OPEN MEDICINE (IF: 1.221)

Riviste non impattate:

- MINERVA GINECOLOGICA

VERIFICA PUBBLICAZIONI VALUTABILI

1. Benedetti Panici P, **Di Donato V***, Bracchi C, Marchetti C, Tomao F, Palaia I, Perniola G, Muzii L. Modified gluteal fold advancement V-Y flap for vulvar reconstruction after surgery for vulvar malignancies. Gynecol Oncol. 2014

Jan;132(1):125-9. doi: 10.1016/j.ygyno.2013.10.037. Epub 2013 Nov 9. PubMed

PMID: 24216049.- ***Corresponding Author**

IF: 3,774, Citations: 26

2. Benedetti Panici P, Basile S, Salerno MG, **Di Donato V**, Marchetti C, Perniola G, Palagiano A, Perutelli A, Maneschi F, Lissoni AA, Signorelli M, Scambia G, Tateo S, Mangili G, Katsaros D, Campagnutta E, Donadello N, Greggi S, Melpignano M, Raspagliesi F, Cormio G, Grassi R, Franchi M, Giannarelli D, Fossati R, Torri V, Crocè C, Mangioni C. Secondary analyses from a randomized clinical trial: age as the key prognostic factor in endometrial carcinoma. *Am J Obstet Gynecol*. 2014 Apr;210(4):363.e1-363.e10. doi: 10.1016/j.ajog.2013.12.025. Epub 2013 Dec 19. PubMed PMID: 24361787.-

IF: 4,704, Citations: 34

3. Lorusso D, Sarno I, **Di Donato V***, Palazzo A, Torrisi E, Pala L, Marchiano A, Raspagliesi F. Is postoperative computed tomography evaluation a prognostic indicator in patients with optimally debulked advanced ovarian cancer? *Oncology*. 2014;87(5):293-9. doi: 10.1159/000365357. Epub 2014 Aug 15. PubMed PMID: 25139548.- ***Corresponding Author**

IF: 2,613, Citations: 5

4. Ditto A, Martinelli F, Bogani G, Gasparri ML, **Di Donato V**, Zanaboni F, Lorusso D, Raspagliesi F. Implementation of laparoscopic approach for type B radical hysterectomy: a comparison with open surgical operations. *Eur J Surg Oncol*. 2015 Jan;41(1):34-9. doi: 10.1016/j.ejso.2014.10.058. Epub 2014 Nov 6. PubMed PMID:

25468458.

IF: 3,009, Citations: 29

5. Ditto A, Martinelli F, Bogani G, Fischetti M, **Di Donato V**, Lorusso D, Raspagliesi F. Fertility-sparing surgery in early-stage cervical cancer patients: oncologic and reproductive outcomes. *Int J Gynecol Cancer*. 2015 Mar;25(3):493-7. doi: 10.1097/IGC.0000000000000371. PubMed PMID: 25628110.

IF: 2,116, Citations: 20

6. Papadia A, Bellati F, Ditto A, Bogani G, Gasparri ML, **Di Donato V**, Martinelli F, Lorusso D, Benedetti-Panici P, Raspagliesi F. Surgical Treatment of Recurrent Endometrial Cancer: Time for a Paradigm Shift. *Ann Surg Oncol*. 2015 Dec;22(13):4204-10. doi: 10.1245/s10434-015-4504-5. Epub 2015 Mar 17. PubMed PMID: 25777095.

IF: 3,93, Citations: 20

7. Benedetti Panici P, **Di Donato V***, Fischetti M, Casorelli A, Perniola G, Musella A, Marchetti C, Palaia I, Berloco P, Muzii L. Predictors of postoperative morbidity after cytoreduction for advanced ovarian cancer: Analysis and management of complications in upper abdominal surgery. *Gynecol Oncol*. 2015 Jun;137(3):406-11. doi: 10.1016/j.ygyno.2015.03.043. Epub 2015 Mar 28. PubMed PMID: 25824857.-

***Corresponding Author**

IF: 4,198, Citations: 20

8. Muzii L, Di Tucci C, Achilli C, **Di Donato V**, Musella A, Palaia I, Panici PB. Continuous versus cyclic oral contraceptives after laparoscopic excision of ovarian endometriomas: a systematic review and metaanalysis. *Am J Obstet Gynecol*. 2016

Feb;214(2):203-211. doi: 10.1016/j.ajog.2015.08.074. Epub 2015 Sep 11. Review.
PubMed PMID: 26364832.

IF: 5,574 Citations: 30

9. Panici PB, **Di Donato V**, Palaia I, Visentin VS, Marchetti C, Perniola G, Musella A, Gasparri ML, Lecce F, Sabatucci I, Monti M, Muzii L. Type B versus Type C Radical Hysterectomy After Neoadjuvant Chemotherapy in Locally Advanced Cervical Carcinoma: A Propensity-Matched Analysis. *Ann Surg Oncol*. 2016 Jul;23(7):2176-82. doi: 10.1245/s10434-015-4996-z. Epub 2015 Nov 23. PubMed PMID: 26597364.-

***Corresponding Author**

IF: 4,041, Citations: 6

10. Marchetti C, De Felice F, Palaia I, Musella A, **Di Donato V**, Gasparri ML, Musio D, Muzii L, Tombolini V, Panici PB. Efficacy and toxicity of bevacizumab in recurrent ovarian disease: an update meta-analysis on phase III trials. *Oncotarget*. 2016 Mar 15;7(11):13221-7. doi: 10.18632/oncotarget.6507. PubMed PMID: 26657509; PubMed Central PMCID: PMC4914353.-

IF: 5,168 , Citations 12

11. Muzii L, **Di Donato V***, Boni T, Gaglione R, Marana R, Mazzon I, Imperiale L, De Medici C, Ruggiero A, Panici PB. Antibiotics Prophylaxis for Operative Hysteroscopy. *Reprod Sci*. 2017 Apr;24(4):534-538. doi: 10.1177/1933719116660848. Epub 2016 Jul 28. PubMed PMID: 27470152.-

***role first author (Muzii and Di Donato V “have equally contributed”)**

IF: 2,443 , Citations 2

12. **Di Donato V**, Schiavi MC, Ruscito I, Visentin VS, Palaia I, Marchetti C, Fischetti M, Monti M, Muzii L, Benedetti Panici P. Effects of Neoadjuvant Chemotherapy Plus Radical Surgery as Front Line Treatment Strategy in Patients Affected by FIGO Stage III Cervical Cancer. *Ann Surg Oncol*. 2016 Dec;23(Suppl 5):841-849. Epub 2016 Sep 27. PubMed PMID: 27678502.

IF: 4,041, Citations 2

13. **Di Donato V**, Kontopantelis E, Aletti G, Casorelli A, Piacenti I, Bogani G, Lecce F, Benedetti Panici P. Trends in Mortality After Primary Cytoreductive Surgery for Ovarian Cancer: A Systematic Review and Metaregression of Randomized Clinical Trials and Observational Studies. *Ann Surg Oncol*. 2017 Jun;24(6):1688-1697. doi: 10.1245/s10434-016-5680-7. Epub 2016 Nov 28. Review. PubMed PMID: 27896508.

IF: 4,041, Citations 6

14. Falcone F, Scambia G, Benedetti Panici P, Signorelli M, Cormio G, Giorda G, Bogliolo S, Marinaccio M, Ghezzi F, Rabaiotti E, Breda E, Casella G, Fanfani F, **Di Donato V**, Leone Roberti Maggiore U, Greggi S. Tertiary cytoreductive surgery in recurrent epithelial ovarian cancer: A multicentre MITO retrospective study. *Gynecol Oncol*. 2017 Oct;147(1):66-72. doi: 10.1016/j.ygyno.2017.07.008. Epub 2017 Jul 15. PubMed PMID: 28716306. IF: 4,54 , Citations :4

15. **Di Donato V**, Casorelli A, Bardhi E, Vena F, Marchetti C, Muzii L, Benedetti Panici P. Bartholin's gland cancer. *Crit Rev Oncol Hematol*. 2017 Sep;117:1-11. doi: 10.1016/j.critrevonc.2017.06.005. Epub 2017 Jun 13. Review. Erratum in: *Crit Rev*

Oncol Hematol. 2019 Jan;133:84. PubMed PMID: 28807231.

IF: 4,495, Citations 4

16. **Di Donato V**, Bracchi C, Cigna E, Domenici L, Musella A, Giannini A, Lecce F, Marchetti C, Benedetti Panici P. Vulvo-vaginal reconstruction after radical excision for treatment of vulvar cancer: Evaluation of feasibility and morbidity of different surgical techniques. *Surg Oncol*. 2017 Dec;26(4):511-521. doi:

10.1016/j.suronc.2017.10.002. Epub 2017 Oct 5. Review. PubMed PMID: 29113672.

IF: 3,304, Citations 10

17. **Di Donato V**, Vena F, Casorelli A, Marchetti C, Musella A, Tomao F, Perniola G, Palaia I, Muzii L, Monti M, Benedetti Panici P. The impact of CO(2) laser for treatment of Bartholin's gland cyst or abscess on female sexual function: a pilot study. *Gynecol Endocrinol*. 2018 Aug 22:1-5. doi:

10.1080/09513590.2018.1499088. [Epub ahead of print] PubMed PMID: 30132350.

IF: 1,453, Citations 0

18. **Di Donato V**, Iacobelli V, Schiavi MC, Colagiovanni V, Pecorella I, Palaia I, Perniola G, Marchetti C, Musella A, Tomao F, Monti M, Muzii L, Benedetti Panici P. Impact of Hormone Receptor Status and Ki-67 Expression on Disease-Free Survival in Patients Affected by High-risk Endometrial Cancer. *Int J Gynecol Cancer*. 2018 Mar;28(3):505-513. doi: 10.1097/IGC.0000000000001191. PubMed PMID:

IF: 2,192, Citations: 1

19. Marchetti C, De Felice F, Boccia S, Sassu C, **Di Donato V**, Perniola G, Palaia I, Monti M, Muzii L, Tombolini V, Benedetti Panici P. Hormone replacement therapy

- after prophylactic risk-reducing salpingo-oophorectomy and breast cancer risk in BRCA1 and BRCA2 mutation carriers: A meta-analysis. *Crit Rev Oncol Hematol*. 2018 Dec;132:111-115. doi: 10.1016/j.critrevonc.2018.09.018. Epub 2018 Oct 3. Review. PubMed PMID: 30447915. IF: 5,012, Citations: 5
20. Muzii L, Di Tucci C, Di Felicianantonio M, Galati G, **Di Donato V**, Musella A, Palaia I, Panici PB. Antimüllerian hormone is reduced in the presence of ovarian endometriomas: a systematic review and meta-analysis. *Fertil Steril*. 2018 Oct;110(5):932-940.e1. doi: 10.1016/j.fertnstert.2018.06.025. PubMed PMID: 30316440. IF: 5,411, Citations: 6
21. **Di Donato V**, Page Z, Bracchi C, Tomao F, Musella A, Perniola G, Panici PB. The age-adjusted Charlson comorbidity index as a predictor of survival in surgically treated vulvar cancer patients. *J Gynecol Oncol*. 2019 Jan;30(1):e6. doi: 10.3802/jgo.2019.30.e6. Epub 2018 Oct 4. PubMed PMID: 30479090; PubMed Central PMCID: PMC6304403. IF:3,34, Citations: 0
22. **Di Donato V**, Schiavi MC, Iacobelli V, D'oria O, Kontopantelis E, Simoncini T, Muzii L, Benedetti Panici P. Ospemifene for the treatment of vulvar and vaginal atrophy: A meta-analysis of randomized trials. Part I: Evaluation of efficacy. *Maturitas*. 2019 Mar;121:86-92. doi: 10.1016/j.maturitas.2018.11.016. Epub 2018 Nov 24. Review. PubMed PMID: 30509753. IF: 3,654 , Citations:
23. **Di Donato V**, Schiavi MC, Iacobelli V, D'oria O, Kontopantelis E, Simoncini T, Muzii L, Benedetti Panici P. Ospemifene for the treatment of vulvar and vaginal atrophy: A meta-analysis of randomized trials. Part II: Evaluation of tolerability and safety. *Maturitas*. 2019 Mar;121:93-100. doi: 10.1016/j.maturitas.2018.11.017. Epub 2018 Nov 28. Review. PubMed PMID: 30509754. IF: 3,654 , Citations: 2

24. Muzii L, **Di Donato V***, Tucci CD, Pinto AD, Cascialli G, Monti M, Patacchiola F, Benedetti Panici P. Efficacy of Antibiotic Prophylaxis for Hysteroscopy: A Meta-Analysis of Randomized Trials. J Minim Invasive Gynecol. 2019 Jul 11. pii: S1553-4650(19)30308-5. doi: 10.1016/j.jmig.2019.07.006. [Epub ahead of print] Review. PubMed PMID: 31302246.

***role first author (Muzii L and Di Donato V “have equally contributed”) IF:
2,414, Citations:0**

25. **Palaia I, Di Donato V***, Musella A, Di Pinto A, Santangelo G, Petriglia G, Benedetti Panici P Value of fluorodeoxyglucose positron emission tomography / computed tomography (pet/ct) and sentinel lymph node biopsy (SLN) in endometrial cancer patients: a prospective study Journal of Investigative Surgery [Epub ahead of print] 10.1080/08941939.2019.1675822

***role first author (Palaia and Di Donato V “have equally contributed”) IF:
1,642, Citations:0**

CONSISTENZA COMPLESSIVA DELLA PRODUZIONE SCIENTIFICA:

Il candidato presenta una produzione complessiva pari a:

97 pubblicazioni indexate su scopus.

11 Capitoli di Libri.

Total Impact factor: 244,5

Total Citation: 843

Hirsch (H) index: 18

Normalized H index: 1,4

CANDIDATO: TOMAO FEDERICA

VERIFICA TITOLI VALUTABILI:

A) TESI DI DOTTORATO:

PhD Degree in Gynecology & Obstetrics (Ciclo XXVI) Ruolo della linfadenectomia inguinale nel carcinoma vulvare: fattori prognostici correlati allo status linfonodale. Sapienza University of Rome Dept. of Gynecological- Obstetrical Sciences and Urological Sciences

B) ATTIVITÀ DIDATTICA:

1. Professor of Physiology (Seminars) from 2005 to 2008 University of Cassino. School of 2008 Sport Sciences.
2. Sapienza University. School of Nursing. Section of Pomezia, Official Professor of Gynecology and Obstetrics in the Course of Nursing in maternal and pediatric area
3. Sapienza University. School of Nursing. Section of Pomezia, Integrative teaching activity in the Course of Nursing in maternal and pediatric area (MED/40)
4. University of Cassino. School of Sport Sciences, Integrative teaching activity in the Course of Clinical Sciences applied to sport activities
5. Sapienza University. School of Pharmacy and Medicine. Course E of Medicine and Surgery Integrative teaching activity in the Course of Internal Medicine and General Surgery 1(Gynecologic Oncology / MED/40)
6. Sapienza University. School of Pharmacy and Medicine Course C of Nursing, Policlinico Umberto 1 Seminar and Integrative teaching activity (Gynecology and Obstetrics) MED/40
7. Sapienza University. School of Pharmacy and Medicine. Course of Nursing of Frosinone Seminar and Integrative teaching activity (Gynecology and Obstetrics) MED/40
8. Sapienza University. School of Pharmacy and Medicine. Course E of Medicine and Surgery Integrative teaching activity in the integrated course of Gynecology and Obstetrics MED/40
9. Sapienza University. School of Pharmacy and Medicine. Course R of Nursing of Terracina Seminar and Integrative teaching activity (Gynecology and Obstetrics) MED/40
10. Sapienza University. School of Pharmacy and Medicine. Course of Nursing of Pomezia. Integrated Course of Nursing in maternal and pediatric area Official Holder (Contract Professor) of Gynecology and Obstetrics MED/40
11. Sapienza University. School of Medicine and Odontology. Course of Medicine and Surgery D Integrative teaching activity in the integrated course of Gynecology and Obstetrics. MED/40

12. Sapienza University. School of Pharmacy and Medicine. School of Nursing Latina. Course General and applied hygiene. Official Holder (Contract Professor) of Prevention and epidemiology in Gynecology, MED/40
13. Sapienza University. School of Medicine and Odontology. Course of Medicine and Surgery A Integrative teaching activity in the integrated course of Gynecology and Obstetrics. MED/40
14. Sapienza University. School of Psychology and Medicine. Course of Nursing and therapeutic processes in maternal and pediatric area. Celio Hospital MED/47 Official Holder (Contract Professor) of Gynecology and Obstetrics. MED/47
15. Sapienza University. School of Medicine and Odontology Official Holder (Contract Professor) MED/47 of Gynecology , Obstetrics Therapy of neuro and psychomotricity of the evolutionary age.
16. University of Rome 3. Chair of Microbiology Seminar "HPV-induced oncogenesis", within thematic issue "Infection and cancer" PhD Course "Biologia applicata alla salute dell'uomo" (PhD Programme in biology applied to human health).
17. University of Rome 3. Chair of Microbiology Seminar " Innovation protocols against human papilloma virus induced oncogenesis", within thematic issue "Infection and cancer" Corso di Dottorato di ricerca " Scienze e Tecnologie Biomediche" (PhD Programme in Biomedical Sciences and Technologies).
18. Dipartimento di Scienze Ginecologico-Ostetriche e Scienze Urologiche. Latina Sapienza Università di Roma Seminar in PhD Course in MEDICINA SPERIMENTALE- TECNOLOGIE INNOVATIVE IN MEDICINA TRASLAZIONALE Il ruolo dei Parp Inhibitors nel carcinoma dell'ovaio.
19. Università degli Studi di Chieti, Gabriele D'Annunzio Seminar in PhD Course in MEDICINA TRASLAZIONALE XXXII ciclo, " Peculiarità dei tumori dell'ovaio BRCA mutati".
20. Terza Clinica Chirurgica, Università di Roma Sapienza, Seminar in PhD Course in Tecnologie avanzate in chirurgia, "TUMORI BRCA MUTATI".
21. Corso di dottorato di ricerca in scienze e tecnologie biomediche PhD programme in biomedical sciences and technologies, Seminar "Sexually transmitted bacterial infections; the clinician's viewpoint" within the the course "SpecialMicrobiology" for the Master students in "Biologia per la Ricerca Cellulare, Molecolare e Fisiopatologica" of Roma Tre University.
22. Sapienza University. School of Pharmacy and Medicine. Terracina Section. Official Holder (Contract Professor) MED/40 in the Master (first level) in "Nursing assistance in operating room for specialist surgery.

C) ATTIVITÀ DI FORMAZIONE O RICERCA PRESSO QUALIFICATI ISTITUTI.

1. Experimental and clinical Research in Obstetrics & Gynecology, Oncology, Immunology. Sapienza University of Rome Dept. of Gynecological- Obstetrical Sciences and Urological Sciences
2. Clinical and research experience in Gynecology Oncology and Medical Oncology (Prof. R.De Maria, dr. P.Vici) National Cancer Institute of Rome Regina Elena
3. Clinical and research experience in Immunology (Prof.M. Nuti Lab) Sapienza University of Rome
4. Clinical research in Gynecology and Obstetrics Giovanni XXIII Hospital Dept. Gynecology and Obstetrics (Prof. L. Frigerio)
5. Clinical and research experience in Perinatal Medicine, from 14th february to 6th june 2008 Harris Birthright Center for fetal medicine” at King’s College Hospital of London (Prof. K. Nicolaides)
6. Research training in Cancer Medicine from 9/6/08 to 20/6/2008 King’s College Hospital of London Stem cells Lab (prof. SD. Mingher)
7. Research and clinical research in ovarian cancer and gynecologic oncology National Institute of Health Dipartimento di Oncologia, Ematologia e Medicina Molecolare (Prof. R.De Maria, Prof. Ugo Testa)
8. Research and clinical research in ovarian cancer and gynecologic oncology Istituto Farmacologico Mario Negri.
9. Research Fellow. Topic: Alterazioni dei meccanismi di risposta al danno del DNA come bersaglio terapeutico per i tumori ginecologici. Department of Molecular Medicine
10. Research Fellow. Topic:Identificazione di pattern molecolari coinvolti nella patogenesi dei tumori ovarici sierosi BRCA1-2 mutati e sporadici: implicazioni cliniche e terapeutiche future. Sapienza University of Rome Dept. Maternal Infantile and Urological Sciences
11. Research Fellow. Topic: Targeted therapies in epithelial ovarian cancer. Sapienza University of Rome Department of Sciences and Medical Surgical Biotechnologies
12. Research Fellow. Identification of molecular alterations related to the pathogenesis of ovarian tumors in BRCA1-2 mutated patients. European Institute of Oncology
13. Research Fellow for the study and Research in Gynecological and peritoneal cancer. University of Heraklion, Greece Department of Gynecology and Surgical Oncology

14. Founding and Secretary Member of Scientific Committee and consultant for experimental and clinical evaluation of biotechnologic agents in gynecologic oncology. University of Chieti Gabriele D'Annunzio. Spin off MediaPharma Srl.
15. Research Fellow. Topic: Identification of new potential biomarkers of HGSOG: a comparison of phenotypic and metabolic profile among BRCA mutated and wild type population. Sapienza University of Rome. Dept. Maternal Infantile and Urological Sciences (ex Dept. of Gynecological-Obstetrical Sciences and Urological Sciences).
16. Consultant and scientific collaborator (Tutor prof. Nicoletta Colombo) European Institute of Oncology Department of Gynecologic Oncology
17. Fellowship by ESGO and Fondazione IEO-CCM (Identification of Molecular alteration involved in the pathogenesis of sporadic and BRCA mutated ovarian tumors (Tutor prof. Nicoletta Colombo) European Institute of Oncology Department of Gynecologic Oncology
18. Scientific Consultant in the project "Technological and traslational innovations in the diagnosis and therapy of ovarian tumors" Azienda Ospedaliera S.Andrea, Roma Dept. Medical Oncology- Sapienza University (Prof. Paolo Marchetti
19. Clinical Consultant in Gynecology for crews employed in airlines and ships, Ministry of Health-SASN Service

D) ATTIVITÀ IN CAMPO CLINICO:

1. Clinical Consultant in Gynecology for crews employed in airlines and ships Ministry of Health-SASN Service.
2. CO.CO.CO presso l'Azienda Ospedaliera ed Universitaria Sant'Andrea di Roma, Divisione di Oncologia Medica.
3. Consultant and scientific collaborator (Tutor prof. Nicoletta Colombo) European Institute of Oncology Department of Gynecologic Oncology.
4. Research Fellow Sapienza University of Rome. Dept. Maternal Infantile and Urological Sciences (ex Dept. of Gynecological-Obstetrical Sciences and Urological Sciences).

E) REALIZZAZIONE DI ATTIVITÀ PROGETTUALE:

1. Investigator in the Scientific project of information, health education and oncological training for teachers of High School. A Research project funded by Italian League against cancer,
2. Investigator in the Scientific Project "Prevention of hereditary breast/ovarian cancer, risk perception, tailored diagnosis and communication for compliance improving
3. Investigator in the Scientific Project "Cardiac function, levels of pro-inflammatory molecules related to long time use of erythropoietin
4. Investigator in several research projects started by the collaboration between Dept. of Gynecology and Dept. of Experimental Medicine of Sapienza University in the field of gynecologic oncology and immunology (Prof. Benedetti Panici and Nuti).
5. Analysis of immunosuppressive TREG cells as prognostic indicator in patients with ovarian cancer" PRIN Research project funded by MIUR, protocol n: 2009XMZPKW_005 24 UNIT UNIT B
6. "Evaluation of T cell Population by phenotypic and functional point of view during the tumor progression, chemotherapy and tumor-associated vaccination" PRIN Research project funded by MIUR, protocol n: 20072LRAZJ_005
7. "Characterization of molecular and immunological tumor progression markers by a prognostic and therapeutical point of view in ovarian cancer PRIN Research project funded by MIUR, protocol n: RBFR08HCAL_001
8. Evaluation of combined activity of Doxorubicin or Etoposide with LBW242 in the relapse of platinum resistant ovarian cancer Research projects funded by Sapienza University of Rome Research starting grant for Young researchers
9. "Effect of metformin in treating patients with cervical cancer undergoing neoadjuvant platinum-based chemotherapy followed by radical surgery" Research projects funded by Sapienza University of Rome Research starting grant for Young researchers
10. "Identification of Biological Prognostic Factors and Potential Therapeutic Targets in Endometrial Cancer" Research projects funded by Sapienza University of Rome

11. "Very early 2D/3D transvaginal ultrasound evaluation to predict response to neoadjuvant chemotherapy in locally advanced cervical cancer" Research projects funded by Sapienza University of Rome Research starting grant for Young researchers
12. Preoperative management in Obstetrical and Gynecological: Free diet vs diet without scories. A randomized clinical study Research projects funded by Sapienza University of Rome 2018 number of protocol number P1181642D95BD92
13. Integration of Multiparametric MR imaging and multi-omics based approaches to address High Grade Serous Ovarian Cancer patients towards Neoadjuvant or Adjuvant treatment. Research projects funded by Ministry of Health 2019. Ricerca Finalizzata. Under evaluation

F) GRUPPI DI RICERCA NAZIONALI E INTERNAZIONALI

Member of The Endocrine Society

Member of European Society of Gynecologic Oncology (ESGO)

Member of Associazione Italiana di Oncologia Medica - (AIOM)

Member of European Society of Medical Oncology -

Member of Società Italiana di Ginecologia ed Ostetricia -

Member of Società Italiana di Diagnostica Prenatale e Medicina Materno-Fetale

Member of Società Italiana di Medicina Personalizzata-SIMeP

Member of American Association for Cancer Research (AACR)

Member of MITO Group for the development of scientific research and clinical trials today in Gynecologic Oncology

Member of MANGO Group for the development of scientific research and clinical today trials in Gynecologic Oncology

Member at 2018 ENGOT academy for MANGO group.

Founder and member of Network "Ymagine".

Fondazione Federico Calabresi Award for the best paper presented at Modena

International Breast cancer conference 15-17 september 2010

G) BREVETTI

Nessuno

H) RELAZIONI A CONGRESSI NAZIONALI E INTERNAZIONALI:

Relatore a 44 congressi nazionali.

Relatore a 3 congressi internazionali

Moderatore ad 1 congresso internazionale ed 1 nazionale.

Poster presentati a congressi 7.

I) PREMI E RICONOSCIMENTI

Fondazione Federico Calabresi Award for the best paper presented at Modena International Breast cancer conference 15-17 september 2010

International Award "Antonello Spinazzola" for high quality of scientific activity for the prevention of gynecological cancer

International Award "Antonello Spinazzola" for high quality of scientific activity for the prevention of gynecological cancer

MTCC-Pezcoller Award tributed by the Mediterranean Task force for cancer control

Scholar Awards for a Fellow to attend the Gynecologic Cancer Intergroup Symptom Benefit Brainstorming day on Oct 31st in Athens.

J) PARTECIPAZIONE A BOARDS EDITORIALI:

Riviste Impattate: Non riportate

Riviste Non impattate:

- Journal of Cancer Res Forecast (IF non riportato)
- Reproductive Medicine Journal (IF non riportato)
- Drug Design Development and Delivery journal (IF non riportato)

VERIFICA PUBBLICAZIONI VALUTABILI

1. **Tomao F**, Bardhi E, Di Pinto A, Sassu CM, Biagioli E, Petrella MC, Palaia I, Muzii L, Colombo N, Panici PB. Parp inhibitors as maintenance treatment in platinum sensitive recurrent ovarian cancer: An updated meta-analysis of randomized clinical trials according to BRCA mutational status. Cancer Treat Rev. 2019 Oct 9;80: 101909. doi: 10.1016/j.ctrv.2019.101909. Impact Factor: 8,332 Citations 0

2. Verrico M, Rossi L, Tomao S, Colonna M, Vici P, **Tomao F**. Metachronous and Synchronous Cancers in Patients with Neuroendocrine Tumors. *Oncology*. 2019 Sep 10:1-6. doi: 10.1159/000502384. Impact Factor: 2,278 Citations 0
3. Palaia I, **Tomao F**, Santangelo G, Di Pinto A, Sassu CM, Perniola G, Musella A, Di Donato V, Giacotti A, Benedetti Panici P, The EOLO (End-of-Life Ovarian Cancer) Study: Approach to Ovarian Cancer Patients at the End of Life. *Oncology*. 2019 Aug 22:1-5. doi: 10.1159/000501721. Impact Factor: 2,278 Citations 0
4. **Tomao F**, Musacchio L, Di Mauro F, Boccia SM, Di Donato V, Giacotti A, Perniola G Palaia I, Muzii L, Benedetti Panici P. Is BRCA mutational status a predictor of platinum- based chemotherapy related hematologic toxicity in high-grade serous ovarian cancer patients? *Gynecol Oncol*. 2019 Jul;154(1):138-143. doi: 10.1016/j.ygyno.2019.04.009. Epub 2019 May 9. PubMed PMID: 31079832. Impact Factor: 4,393. Citations 0
5. **Tomao F**, Benedetti Panici P, Tomao S. Adjuvant Therapy for Early Uterine High- Grade Leiomyosarcoma. *J Clin Oncol*. 2019 Apr 10;37(11):935-936. doi: 10.1200/JCO.18.01990. Epub 2019 Feb 27. PubMed PMID: 30811297. Impact Factor: 28,349 Citations 1
6. Lazzari R, Ronchi S, Gandini S, Surgo A, Volpe S, Piperno G, Comi S, Pansini F, Fodor C, Orecchia R, **Tomao F**, Parma G, Colombo N, Jerezczek-Fossa BA. Stereotactic Body Radiation Therapy for Oligometastatic Ovarian Cancer: A Step Toward a Drug Holiday. *Int J Radiat Oncol Biol Phys*. 2018 Jul 1;101(3):650-660. Impact Factor 6,203 . Citations 10
7. Caruso D, Papa A, Tomao S, Vici P, Panici PB, **Tomao F**. Niraparib in ovarian cancer: results to date and clinical potential. *Ther Adv Med Oncol*. 2017 Sep;9(9):579-588 Impact Factor 6,238 Citations 12
8. **Tomao F**, Panici PB, Tomao S. Pembrolizumab in Programmed Death Ligand 1-Positive Endometrial Cancer. *J Clin Oncol*. 2017 Nov 1;35(31):3633. Impact Factor 26,360 Citations 1
9. Ricciardi E, **Tomao F***, Aletti G, Bazzurini L, Bocciolone L, Boveri S, Landoni F, Lapresa MT, Maruccio M, Parma G, Peccatori F, Petrella MC, Zanagnolo V, Colombo N, Maggioni A. Risk-reducing Salpingo-Oophorectomy in Women at Higher Risk of Ovarian and Breast Cancer: A Single Institution Prospective Series. *Anticancer Res*. 2017 Sep;37(9):5241-5248. Impact Factor 1,865 Citations 1 ***role first author (Muzii L and Di Donato V “have equally contributed”)**
10. **Tomao F**, D'Incalci M, Biagioli E, Peccatori FA, Colombo N. Restoring platinum sensitivity in recurrent ovarian cancer by extending the platinum-free interval: Myth or reality? *Cancer*. 2017

Sep 15;123(18):3450-3459. doi: 10.1002/cncr.30830. Epub 2017 Jul 5. Review. PubMed PMID: 28678350. . Impact Factor 6,102 Citations 8

11. **Tomao F**, Maruccio M, Preti EP, Boveri S, Ricciardi E, Zanagnolo V, Landoni F. Conization in Early Stage Cervical Cancer: Pattern of Recurrence in a 10-Year Single-Institution Experience. *Int J Gynecol Cancer*. 2017 Jun;27(5):1001-1008. doi: 10.1097/IGC.0000000000000991. PubMed PMID: 28486242. Impact Factor 2,192 Citations 5
12. Rossi L, Verrico M, Zaccarelli E, Papa A, Colonna M, Strudel M, Vici P, Bianco V, Tomao F. Bevacizumab in ovarian cancer: A critical review of phase III studies. *Oncotarget*. 2017 Feb 14;8(7):12389-12405. doi: 10.18632/oncotarget.13310. Review. Impact Factor 5,168 Citations 22
13. **Tomao F**, Papa A, Tomao S. Breast Cancer Risk After Ovarian Stimulation for In Vitro Fertilization. *JAMA*. 2016 Oct 25;316(16):1713. doi: 10.1001/jama.2016.15240. PubMed PMID: 27784089. Impact Factor 44,405 Citations 0
14. Papa A, Caruso D, Strudel M, Tomao S, **Tomao F**. Update on Poly-ADP-ribose polymerase inhibition for ovarian cancer treatment. *J Transl Med*. 2016 Sep 15;14:267. doi: 10.1186/s12967-016-1027-1. Impact Factor 3,786 Citations 31
15. **Tomao F**, Corrado G, Peccatori FA, Boveri S, Preti EP, Colombo N, Landoni F. Fertility-Sparing Options in Young Women with Cervical Cancer. *Curr Treat Options Oncol*. 2016 Jan;17(1):5. doi: 10.1007/s11864-015-0386-9. Impact Factor 2,820 Citations 13
16. Papa A, Zaccarelli E, Caruso D, Vici P, Benedetti Panici P, **Tomao F**. Targeting angiogenesis in endometrial cancer - new agents for tailored treatments. *Expert Opin Investig Drugs*. 2016;25(1):31-49. doi: 10.1517/13543784.2016.1116517. Impact Factor 4,030 Citations 12
17. **Tomao F**, Peccatori F, Del Pup L, Franchi D, Zanagnolo V, Panici PB, Colombo N. Special issues in fertility preservation for gynecologic malignancies. *Crit Rev Oncol Hematol*. 2016 Jan;97:206-19. doi: 10.1016/j.critrevonc.2015.08.024. Impact Factor 5,039 Citations 22
18. Panici PB, **Tomao F***, Domenici L, Giannini A, Giannarelli D, Palaia I, Di Donato V, Musella A, Angioli R, Muzii L. Prognostic role of inguinal lymphadenectomy in vulvar squamous carcinoma: younger and older patients should be equally treated. A prospective study and literature review. *Gynecol Oncol*. 2015 Jun;137(3):373-9. doi: 10.1016/j.ygyno.2015.03.013. Impact Factor 4,198 Citations 10 ***Corresponding Author**

19. **Tomao F**, Papa A, Zaccarelli E, Rossi L, Caruso D, Minozzi M, Vici P, Frati L, Tomao S. Triple-negative breast cancer: new perspectives for targeted therapies. *Onco Targets Ther.* 2015 Jan 16;8:177- 93. doi: 10.2147/OTT.S67673. Impact Factor 2,272 Citations 69
20. **Tomao F**, Tomao S, Benedetti Panici P. Combination of bevacizumab and chemotherapy for platinum- resistant recurrent ovarian cancer: some observations about the AURELIA trial. *J Clin Oncol.* 2014 Nov 1;32(31):3580. doi: 10.1200/JCO.2014.57.6231. Impact Factor 18,443 Citations 9
21. Marchetti C, Palaia I, Giorgini M, De Medici C, Iadarola R, Vertechy L, Domenici L, Di Donato V, **Tomao F**, Muzii L, Benedetti Panici P. Targeted drug delivery via folate receptors in recurrent ovarian cancer: *Onco Targets Ther.* 2014 Jul 10;7:1223-36. doi: 10.2147/OTT.S40947. Impact Factor 2,311 Citations 66
22. **Tomao F**, Papa A, Strudel M, Rossi L, Lo Russo G, Benedetti Panici P, Ciabatta FR, Tomao S. Investigating molecular profiles of ovarian cancer: an update on cancer stem cells. *J Cancer.* 2014 Mar 16;5(5):301-10. doi: 10.7150/jca.8610. Impact Factor 3,271 Citations 28
23. Vici P, Mariani L, Pizzuti L, Sergi D, Di Lauro L, Vizza E, **Tomao F**, Tomao S, Mancini E, Vincenzoni C, Barba M, Maugeri-Saccà M, Giovinazzo G, Venuti A. Emerging biological treatments for uterine cervical carcinoma. *J Cancer.* 2014 Jan 5;5(2):86-97. doi: 10.7150/jca.7963. eCollection 2014. Impact Factor 3,271 Citations 39
24. Porpora MG, **Tomao F**, Manganaro L, Yazdanian D, Fuggetta E, Piccioni MG, Benedetti Panici P, Benagiano G. Impaired uterine artery flow associated with the presence of ovarian endometrioma: preliminary results of a prospective study. *J Ovarian Res.* 2014 Jan 8;7:1-8 doi: 10.1186/1757-2215-7- Impact Factor 2,428 Citations 5
25. Benedetti Panici P, Di Donato V, Bracchi C, Marchetti C, **Tomao F**, Palaia I, Perniola G, Muzii L. Modified gluteal fold advancement V-Y flap for vulvar reconstruction after surgery for vulvar malignancies. *Gynecol Oncol.* 2014 Jan;132(1):125-9. doi: 10.1016/j.ygyno.2013.10.037. Impact Factor 3,774 Citations 26 *Equally contributed

CONSISTENZA COMPLESSIVA DELLA PRODUZIONE SCIENTIFICA:

Il candidato presenta una produzione complessiva pari a:

114 pubblicazioni indexate su scopus.

1 Capitoli di Libri.

Total Impact factor: 580,91

Total Citation: 1605

Hirsch (H) index: 21

Normalized H index: 1,5

Letto, confermato e sottoscritto.

Firma del Commissari

Prof. Pierluigi BENEDETTI PANICI (Presidente)

Prof. Roberto ANGIOLI (Membro)

Prof. Francesco PLOTTI (Segretario)