

EMANUELA D'ANGELO, M.D., Ph.D., was born in Avezzano, Italy, Augst 04, 1977.

EDUCATION AND CERTIFICATION

- 1995 B.S. Liceo Classico "A. Torlonia", Avezzano, Italy.
- 2003 M.D., Univ "Tor Vergata", Rome, Italy.
- 2013 Ph.D., "Uterine Sarcomas: immunohistochemical and molecular alterations with prognostic implications", magna cum laude. Autonomous University of Barcelona, Barcelona, Spain.

TRAINING IN PATHOLOGY

- 2003-08 Resident (Pathology), Policlinico Univ "Tor Vergata", Rome, Italy.
- 2008-09 Fellow (Anatomic Pathology), Hospital de la Santa Creu i Sant Pau, Autonomous University of Barcelona.

ACADEMIC APPOINTMENTS

- 2013-15 Associate Professor, Department of Pathology, Hospital de la Santa Creu i Sant Pau, Autonomous University of Barcelona.
- 2017-20 Assistant Professor, University of L'Aquila, Italy.
- 2020-23 Assistant Professor, Researcher, University "G.D'Annunzio" of Chieti-Pescara, Italy
- 2023- Associate Professor, University "G.D'Annunzio" of Chieti-Pescara, Italy.
- 2023- Visiting Professor at Stanford University, Gynecologic and Breast Pathology, Department of Pathology, Stanford Medical Centre, Palo Alto, California.

HOSPITAL APPOINTMENTS

- 2009-15 Associate Pathologist, Department of Pathology, Hospital de la Santa Creu i Sant Pau, Autonomous University of Barcelona.
- 2016-20 Associate Pathologist, Department of Pathology, Hospital Santa Chiara, Trento, Italy.
- 2021- Associate Pathologist, Department of Pathology, Hospital Clinicizzato SS. Annunziata, Chieti, Italy.

BIBLIOGRAPHY:

Original articles (34), Case Report (4), Reviews (10), Books (10)

Credited with 2 periods of 8 years (2009-2026) of research activity.

Total Impact Factor: 192

Articles cited: 48

Times cited: 3889

Average citations per article: 81

h_Index: 25

h_Index-10: 36

SELECTED PUBLICATIONS

D'Angelo E, Spagnoli LG, Prat J. Comparative clinicopathologic and immunohistochemical analysis of uterine sarcomas diagnosed using the World Health Organization classification system. Hum Pathol. 2009 Nov; 40 (11):1571-85

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Espinosa I, José Carnicer M, Catusus L, Canet B, **D'Angelo E**, Zannoni GF, Prat J. Myometrial invasion and lymph node metastasis in endometrioid carcinomas: tumor-associated macrophages, microvessel density, and HIF1A have a crucial role. Am J Surg Pathol. 2010;34:1708-14;

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D'Angelo E, Espinosa I, Ali R, Gilks CB, Rijn MV, Lee CH, Prat J. Uterine leiomyosarcomas: Tumor size, mitotic index, and biomarkers Ki67, and Bcl-2 identify two groups with different prognosis. Gynecol Oncol 2011; 121:328-333. ISSN: 0090-8258

Espinosa I, Catusus L, Canet B, **D'Angelo E**, Muñoz J, Prat J. Gene expression analysis identifies two groups of ovarian high-grade serous carcinomas with different prognosis. Mod Pathol 2011; 24:846–854. ISSN: 0893-3952

D'Angelo E, Mozos A, Nakayama D, Espinosa I, Catusus L, Muñoz J, Prat J. Prognostic significance of *FOXL2* mutation and mRNA expression in adult and juvenile granulosa cell tumors of the ovary. Mod Pathol 2011; 24:1360-1367.

D'Angelo E, Prat J. Pathology of mixed müllerian tumours. Best Pract Res Clin Obstet Gynaecol. 2011;25:705-18.

Sirera G, Videla S, Cañadas M, Darwich L, **D'Angelo E**, Clotet B. A surprising evolution from oral human papillomavirus 16 infection to lymph node metastasis of tonsillar squamous cell carcinoma in an HIV-infected patient. AIDS. 2012; 26:1044-5.

D'Angelo E, Ali RH, Espinosa I, Lee CH, Huntsman DG, Gilks B, Prat J. Endometrial stromal sarcomas with sex cord differentiation are associated with *PHF1* rearrangement. Am J Surg Pathol. 2013; 37:514-21.

Calaf J, Arqué M, Porta O, **D'Angelo E**. The fibroid as clinical problem. Med Clin (Barc) 2013;141 Suppl 1:1-6.

Espinosa E, Catusus L, **D'Angelo E**, Mozos A, Pedrola N, Bertolo C, Ferrer I, Zannoni GF, West RB, Van de Rijn M, Matias-Guiu X and Prat J. Stromal signatures in endometrioid endometrial carcinomas. Mod Pathol. 2014; 27:631-9.

Ramos P, Karnezis AN, Craig DW, Sekulic A, Russell ML, Hendricks WP, Corneveaux JJ, Barrett MT, Shumansky K, Yang Y, Shah SP, Prentice LM, Marra MA, Kiefer J, Zismann VL, McEachron TA, Salhia B, Prat J, **D'Angelo E**, Clarke BA, Pressey JG, Farley JH, Anthony SP, Roden RB, Cunliffe HE, Huntsman DG, Trent JM. Small cell carcinoma of the ovary, hypercalcemic type, displays frequent inactivating germline and somatic mutations in *SMARCA4*. Nat Genet. 2014;46:427-9.

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D'Angelo E, Prat J. Diagnostic use of immunohistochemistry in uterine mesenchymal tumors. Semin Diagn Pathol. 2014; 31:216-22.

Espinosa I, Gallardo A, **D'Angelo E**, Mozos A, Lerma E, Prat J. Simultaneous carcinomas of the breast and ovary: utility of Pax-8, WT-1, and GATA3 for distinguishing independent primary tumors from metastases. Int J Gynecol Pathol. 2015; 34:257-65.

Auguste A, Bessière L, Todeschini AL, Caburet S, Sarnacki S, Prat J, **D'Angelo E**, de la Grange P, Ariste O, Lemoine F, Legois B, Sultan C, Zider A, Galmiche L, Kalfa N, Veitia RA. Molecular analyses of juvenile granulosa cell tumors bearing *AKT1* mutations provide insights into tumor biology and therapeutic leads. Hum Mol Genet. 2015; 24:6687-98.

Karnezis AN, Wang Y, Ramos P, Hendricks WP, Oliva E, **D'Angelo E**, Prat J, Nucci MR, Nielsen TO, Chow C, Leung S, Kommos F, Kommos S, Silva A, Ronnett BM, Rabban JT, Bowtell DD, Weissman BE, Trent JM, Gilks CB, Huntsman DG. Dual loss of the SWI/SNF complex ATPases SMARCA4/BRG1 and SMARCA2/BRM is highly sensitive and specific for small cell carcinoma of the ovary, hypercalcemic type. J Pathol. 2016; 238:389-400.

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Pascual-García M, Bértolo C, Nieto JC, Serrat N, Espinosa Í, **D'Angelo E**, Muñoz R, Rovira R, Vidal S, Prat J. CD8 down-regulation on cytotoxic T lymphocytes of patients with endometrioid endometrial carcinomas. Hum Pathol. 2016; 56:180-8.

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Espinosa I, **D'Angelo E**, Corominas M, Gonzalez A, Prat J. Mixed endometrial carcinomas with a "low-grade serous"-like component: a clinicopathologic, immunohistochemical, and molecular genetic study. Hum Pathol. 2018;71:65-73.

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Pizarro D, Romero I, Pérez-Mies B, Redondo A, Caniego-Casas T, Carretero-Barrio I, Cristóbal E, Gutiérrez-Pecharromán A, Santaballa A, **D'Angelo E**, Hardisson D, Vieites B, Matías-Guiu X, Estévez P, Guerra E, Prat J, Poveda A, López-Guerrero JA, Palacios J. The Prognostic Significance of Tumor-Infiltrating Lymphocytes, PD-L1, BRCA Mutation Status and Tumor Mutational Burden in Early-Stage High-Grade Serous Ovarian Carcinoma-A Study by the Spanish Group for Ovarian Cancer Research (GEICO). Int J Mol Sci. 2023; 24(13):11183. doi: 10.3390/ijms241311183. PMID: 37446361.

Buca D, Lucidi A, Buca DV, Di Sebastiano F, **D'Angelo E**, Vespa S, Liberati M, Lanuti P, D'Antonio F. Extracellular vesicles during the three trimesters of pregnancy. J Reprod Immunol. 2023. 29;159:103987. Epub ahead of print.

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Orsini A, Ferretti S, Porreca A, Castellan P, Litterio G, Ciavarella D, De Palma A, Berardinelli F, Pizzi AD, **D'Angelo E**, di Nicola M, Schips L, Marchioni M. PI-RADS in Predicting csPCa: A Comparison Between Academic and Nonacademic Centers. Prostate. 2024 Dec 22. doi: 10.1002/pros.24832. Epub ahead of print. PMID: 39709541.

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CHAPTERS IN BOOKS

D'Angelo E, Mozos A, Gallardo A, Prat J. Role of frozen section in Gynecology Oncology. In: Ali Ayhan, Murat Gultekin, Polat Dursun, editors. European Society of Gynecological Oncology. Textbook of Gynecological Oncology, 2nd ed. 2012 (ISBN: 978-975-277-387-5) and Third edition 2015.

D'Angelo E, Prat J. Cervical glandular neoplasia. In Pathology of the female reproductive tract, 3rd ed. Mutter & Prat eds. Churchill Livingstone (Elsevier). (ISBN: 978-0-7020-4497-7; PII: B978-0-7020-4497-7.00012-1). 2014

D'Angelo E, Prat J. The peritoneum. In Pathology of the female reproductive tract, 3rd ed. Mutter & Prat eds. Churchill Livingstone (Elsevier). (ISBN: 978-0-7020-4497-7; PII: B978-0-7020-4497-7.00031-5). 2014

D'Angelo E, Prat J. Uterine smooth muscle tumors. In Pathology of the female reproductive tract, 3rd ed. Mutter & Prat eds. Churchill Livingstone (Elsevier). (ISBN: 978-0-7020-4497-7; PII: B978-0-7020-4497-7.00019-1). 2014

D'Angelo E, Prat J. Metastatic tumors of the ovary. In Pathology of the female reproductive tract, 3rd ed. Mutter & Prat eds. Churchill Livingstone (Elsevier). (ISBN: 978-0-7020-4497-7; PII: B978-0-7020-4497-7.00030-1). 2014

Prat J, Espinosa I, **D'Angelo E**. Ovarian Cancer: Pathology and Genetics. In: Boffetta, P., Hainaut, P. (Eds.), Encyclopedia of Cancer, 3rd edition, vol. 3, Elsevier, Academic Press, pp. 173–192.

D'Angelo E, Prat J. Non-neoplastic and tumor-like conditions of the ovary. In Gynecologic and Urologic Pathology: Similarities, differences, and challenges. Maria Rosaria Raspollini & Antonio Lopez-Beltran, eds. Cambridge University Press, 2019. (ISBN 978-1-107-17045-2 Mixed Media)

D'Angelo E, Prat J. Ovarian Mixed Epithelial–Stromal Tumors. In Gynecologic and Urologic Pathology: Similarities, differences, and challenges. Maria Rosaria Raspollini & Antonio Lopez-Beltran, eds. Cambridge University Press, 2019. (ISBN 978-1-107-17045-2 Mixed Media)

D'Angelo E, Prat J. Brenner Tumors and Transitional Cell Tumors of the Ovary. In Gynecologic and Urologic Pathology: Similarities, differences, and challenges. Maria Rosaria Raspollini & Antonio Lopez-Beltran, eds. Cambridge University Press, 2019. (ISBN 978-1-107-17045-2 Mixed Media)

Prat J, **D'Angelo E**. Diagnostic challenges in endocervical adenocarcinoma. Recent Advances in Histopathology, 2022;25, JP Medical Ltd Ch 5.

ABSTRACTS (Oral presentations)

D'Angelo E, Spagnoli L.G, Prat J. “Clinicopathologic and immunohistochemical analysis of 34 uterine sarcomas and 18 benign related tumors”. Modern Path. 211A, Vol.22, Suppl.1, Jan 2009. United States and Canadian Academy of Pathology’s 98th Annual Meeting. March 2009, Boston, U.S.A.

D'Angelo E, Ali R, Espinosa I, Gilks CB, Van de Rijn M, Lee C, Prat J. “Clinicopathological and Immunohistochemical Study in 148 Uterine Sarcomas: Bcl-2 and Proliferative Markers Identify Different Prognostic Groups of Uterine Leiomyosarcomas”. United States and Canadian Academy of Pathology’s 99th Annual Meeting, March 20-26, 2010, Washington, DC., U.S.A.

D'Angelo E, Ali R, Espinosa I, Gilks CB, Van de Rijn M, Lee C, Prat J. Clinicopathological and Immunohistochemical Study of 84 Uterine Leiomyosarcomas: Tumor size, Mitotic index, and Biomarkers Ki67 and Bcl-2 Identify two Groups with Different Prognosis. 13th Biennial Meeting of the International Gynecologic Cancer Society (IGCS), October 23-26, 2010, Prague, Czech Republic, European Union.

D'Angelo E, Mozos A, Nakayama D, Espinosa I, Catusus L, Muñoz J, Prat J. Prognostic significance of FOXL2 mutation and mRNA expression in adult and juvenile granulosa cell tumors of the ovary. European Society of Medical Oncology (ESMO): Multidisciplinary Cancer Congress, September 23-27, 2011, Stockholm, Sweden.

D'Angelo E, Ali RH, Espinosa I, Lee CH, Huntsman DG, Gilks B, Prat J. Endometrial Stromal Sarcomas with Sex Cord Differentiation Are Associated with PHF1 Rearrangement. United States and Canadian Academy of Pathology's 102th Annual Meeting, March 3-8, 2013, Baltimore, USA.

J. Prat, I. Espinosa, N. Serrat, M.J. Nagel, **E. D'Angelo**. Endometrioid endometrial carcinomas with MELF type of myoinvasion: low-grade tumors with neutrophilic infiltrate and frequent lymph node metastasis. 16th Biennial Meeting of the International Gynecological Cancer Society, October 29-31, 2016, Lisbona, Portugal.

M. Tokuyama, E. Forgo, **E. D'Angelo**, R. Al-Humadi, L. Kingsley, A. Kasimov, S. Zdravkovic, S. Lawson, T-L McCleary, J. Bennett, C. Parra-Herran, D. Kolin, M. Nucci, C. Quick, G. McCluggage, B. Howitt. DNA Methylation Profiling of Uterine Mesenchymal Tumors Suggests Adenosarcomas Are a Heterogeneous Group of Neoplasms". United States and Canadian Academy of Pathology's Annual Meeting 2025. W. Dwayne Lawrence Award for Best Platform Presentation. 114th USCAP Annual Meeting, Boston, MA, March 22-27, 2025.

T. McCleary, A. Kasimov, M. A Tokuyama, E. Forgo, **E. D'Angelo**, et al. Leveraging Cloud-Based Whole Slide Imaging for Rare Cancer Repository Building: Uterine Mesenchymal Tumors. Global Health and Lab Sustainability. United States and Canadian Academy of Pathology's 115th Annual Meeting. March 24, 2026. San Antonio, TX

March, 2026