
BIOGRAPHICAL SKETCH

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NAME Sanfilippo, Roberta	POSITION TITLE Director, Sarcoma Unit Division of Melanoma and Sarcoma Medical
eRA COMMONS USER NAME (credential, e.g., agency login)	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Medical Oncology trainee at Fondazione IRCCS Istituto Nazionale Tumori – Adult Mesenchymal Tumours and Rare Cancers Istituto Nazionale Tumori, Milan (Italy), Italy	Oncologist	11/2007	Adult soft tissue sarcoma and GIST
University of Palermo, Italy	Degree in medicine	10/2003	Faculty of medicine

A. Personal Statement

Dr Roberta Sanfilippo is a medical oncologist with long-standing expertise in adult soft tissue and bone sarcomas and rare cancers. She is currently **Director of the Sarcoma Unit at the European Institute of Oncology (IEO), Milan**, where she leads the clinical, translational, and research activities of the Sarcoma Program.

Previously, she worked for over 15 years at the Fondazione IRCCS Istituto Nazionale Tumori of Milan, within the Adult Mesenchymal Tumours Unit where she completed her residency training and developed a strong international profile in sarcoma research.

Her research focuses on sarcoma biology, molecularly driven therapeutic strategies, immune profiling, mechanisms of resistance to treatment, and clinical trials in both localized and advanced disease, with particular expertise in liposarcoma, leiomyosarcoma, and uterine sarcomas. She is Principal Investigator and co-investigator of multiple national and international clinical trials, actively involved in international collaborative groups and guideline development. She has authored numerous peer-reviewed publications in high-impact journals and serves on editorial boards and scientific committees in the field of sarcoma.

B. Positions and Honors

Positions and Employment

2026–present Director, Sarcoma Unit
Division of Melanoma and Sarcoma Medical Oncology
European Institute of Oncology (IEO) IRCCS, Milan, Italy

2007–2026 Medical Oncologist
Adult Mesenchymal Tumours Unit
Fondazione IRCCS Istituto Nazionale Tumori, Milan, Italy

2004–2007 Clinical and Research Fellow
Adult Mesenchymal Tumours Unit
Fondazione IRCCS Istituto Nazionale Tumori, Milan, Italy

Other Experience and Professional Memberships

2007-present Coordinator of Italian Rare Cancer Network
2016-present Member of ESMO
2016-present Member of the Editorial Board of Anticancer drug
2019-present Scientific coordinator of the Gynecological Leiomyosarcoma round table

C. Contributions to Science

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Selected Peer-reviewed Publications

1: Baia M, Drohan A, Radaelli S, Callegaro D, Colombo C, Borghi A, Pasquali S, Sanfilippo R, Sangalli C, Morosi C, Fiore M, Gronchi A. Resection of Primary Leiomyosarcoma of the Inferior Vena Cava and Reconstruction with a Cadaveric Homograft. *Ann Surg Oncol.* 2025 Apr;32(4):2979-2980. doi: 10.1245/s10434-025-16911-y. Epub 2025 Feb 5. PMID: 39909990.

2: Craparotta I, Mannarino L, Zadro R, Ballabio S, Marchini S, Pavesi G, Russo M, Renne SL, Meroni M, Ponzio M, Bello E, Sanfilippo R, Casali PG, D'Incalci M, Frapolli R. Mechanism of efficacy of trabectedin against myxoid liposarcoma entails detachment of the FUS-DDIT3 transcription factor from its DNA binding sites. *J Exp Clin Cancer Res.* 2024 Nov 26;43(1):309. doi: 10.1186/s13046-024-03228-z. PMID: 39587691; PMCID: PMC11590625.

3: Pasquali S, Iadecola S, Vanzulli A, Infante G, Bologna M, Corino V, Greco G, Vigorito R, Morosi C, Beretta A, Percio S, Vallacchi V, Collini P, Sanfilippo R, Fabbroni C, Stacchiotti S, Fiore M, Huang P, Benelli M, Mainardi L, Miceli R, Gronchi A, Callegaro D. Radiomic features of primary retroperitoneal sarcomas: a prognostic study. *Eur J Cancer.* 2024 Dec;213:115120. doi: 10.1016/j.ejca.2024.115120. Epub 2024 Nov 9. PMID: 39541785.

4: Tseng WW, Barretta F, Tucci F, Barisella M, Radaelli S, Colombo C, Callegaro D, Morosi C, Sanfilippo R, Fabbroni C, Stacchiotti S, Sun SH, Collini P, Fiore M, Gronchi A. Pleomorphic Liposarcoma of the Extremity and Trunk: Multimodality Therapy for Some but Not All? *J Surg Oncol.* 2024 Sep 27. doi: 10.1002/jso.27884. Epub ahead of print. PMID: 39328165.

5: Ray-Coquard I, Casali PG, Croce S, Fennessy FM, Fischerova D, Jones R, Sanfilippo R, Zapardiel I, Amant F, Blay JY, Martin-Broto J, Casado A, Chiang S,

Dei Tos AP, Haas R, Hensley ML, Hohenberger P, Kim JW, Kim SI, Meydanli MM, Pautier P, Abdul Razak AR, Sehouli J, van Houdt W, Planchamp F, Friedlander M. ESGO/EURACAN/GCIG guidelines for the management of patients with uterine sarcomas. *Int J Gynecol Cancer*. 2024 Oct 7;34(10):1499-1521. doi: 10.1136/ijgc-2024-005823. PMID: 39322612.

6: Baia M, Zanframundo C, Ljevar S, Della Valle S, Misotti A, Rampello NN, Proto P, Callegaro D, Colombo C, Radaelli S, Sanfilippo R, Sangalli C, Morosi C, Pasquali S, Miceli R, Gronchi A, Fiore M. Preoperative nutritional support to tackle morbidity in multivisceral resection for retroperitoneal sarcoma. Early outcomes from a novel nutritional prehabilitation program in a prospective cohort. *Eur J Surg Oncol*. 2024 Dec;50(12):108663. doi: 10.1016/j.ejso.2024.108663. Epub 2024 Sep 3. PMID: 39265414.

7: Tseng WW, Barretta F, Fiore M, Colombo C, Radaelli S, Baia M, Morosi C, Collini P, Sanfilippo R, Fabbroni C, Stacchiotti S, Roberts RF, Callegaro D, Gronchi A. Extent of macroscopic vascular invasion predicts distant metastasis in primary leiomyosarcoma of the inferior vena cava. *J Surg Oncol*. 2024 Dec;130(8):1691-1699. doi: 10.1002/jso.27799. Epub 2024 Aug 19. PMID: 39155701.

8: Fabbroni C, Grignani G, Vincenzi B, Fumagalli E, De Pas TM, Mazzocca A, Pantaleo MA, Brunello A, Baldi GG, Boglione A, Fatigoni S, Berruti A, Giordano M, Marrari A, Dei Tos AP, Alberton AS, Aliberti S, Carlucci L, Rulli E, Casali PG, Sanfilippo R. TRAbectedin in adVanced rETroperitoneal well differentiated/dedifferentiated Liposarcoma and Leiomyosarcoma (TRAVELL): results of a phase II study from the Italian Sarcoma Group. *ESMO Open*. 2024 Aug;9(8):103667. doi: 10.1016/j.esmoop.2024.103667. Epub 2024 Aug 8. PMID: 39121815; PMCID: PMC11364015.

9: Franza A, Fabbroni C, Pasquali S, Casali PG, Sanfilippo R. New targeted therapies in liposarcoma: state of art and future perspectives. *Curr Opin Oncol*. 2024 Jul 1;36(4):291-296. doi: 10.1097/CCO.0000000000001055. Epub 2024 May 7. PMID: 38726840.

10: Franza A, Gusmaroli E, Fabbroni C, Vigorito R, Pasquali S, Casali PG, Sanfilippo RG. Long-term disease stability with bicalutamide in a man with aggressive angiomyxoma: case report and state of art. *Front Oncol*. 2024 Jan 16;13:1260668. doi: 10.3389/fonc.2023.1260668. PMID: 38298446; PMCID: PMC10829570.

11: Rota S, Franza A, Fabbroni C, Paolini B, Greco FG, Alessi A, Padovano B, Casali P, Sanfilippo R. COL1A1::PDGFB fusion-associated uterine fibrosarcoma: A case report and review of the literature. *Cancer Rep (Hoboken)*. 2024 Feb;7(2):e1969. doi: 10.1002/cnr2.1969. Epub 2024 Jan 26. PMID: 38279510; PMCID: PMC10849982.

12: Gronchi A, Palmerini E, Quagliuolo V, Martin Broto J, Lopez Pousa A, Grignani G, Brunello A, Blay JY, Tendero O, Diaz Beveridge R, Ferraresi V, Lugowska I, Pizzamiglio S, Verderio P, Fontana V, Donati DM, Palassini E,

Sanfilippo R, Bianchi G, Bertuzzi A, Morosi C, Pasquali S, Stacchiotti S, Bagué S, Coindre JM, Miceli R, Dei Tos AP, Casali PG. Neoadjuvant Chemotherapy in High-Grade Myxoid Liposarcoma: Results of the Expanded Cohort of a Randomized Trial From Italian (ISG), Spanish (GEIS), French (FSG), and Polish Sarcoma Groups (PSG). *J Clin Oncol*. 2024 Mar 10;42(8):898-906. doi: 10.1200/JCO.23.00908. Epub 2024 Jan 17. Erratum in: *J Clin Oncol*. 2024 Aug 10;42(23):2838. doi: 10.1200/JCO-24-01287. PMID: 38232337.

13: Mantiero M, Bini M, Polignano M, Porcu L, Sanfilippo R, Fabbroni C, Parma G, Lapresa M, Calidona C, Silvestri C, Franza A, Raspagliesi F, Colombo N, Ducceschi M. A Ten-Year Real-Life Experience with Pazopanib in Uterine Leiomyosarcoma in Two High-Specialized Centers in Italy: Effectiveness and Safety. *Cancers (Basel)*. 2023 Dec 30;16(1):192. doi: 10.3390/cancers16010192. PMID: 38201619; PMCID: PMC10777896.

14: Ng D, Bertrand A, Sanfilippo R, Callegaro D. Deciding individual treatment for primary retroperitoneal sarcoma. *Expert Rev Anticancer Ther*. 2023 Jul-Dec;23(11):1169-1178. doi: 10.1080/14737140.2023.2266137. Epub 2023 Oct 27. PMID: 37791587.

15: Sanfilippo R, Sbaraglia M, Fabbroni C, Croce S, Ray-Coquard I, Guermazi F, Paolini B, Blanc-Durand F, Lecesne A, Chiappa V, Dei Tos AP, Casali PG. Low-Grade Uterine Leiomyosarcoma Is Highly Sensitive to Hormonal Treatment. *Clin Cancer Res*. 2023 Nov 14;29(22):4679-4684. doi: 10.1158/1078-0432.CCR-23-0692. PMID: 37699075.

16: Sanfilippo R, Hindi N, Cruz Jurado J, Blay JY, Lopez-Pousa A, Italiano A, Alvarez R, Gutierrez A, Rincón-Perez I, Sangalli C, Pérez Aguiar JL, Romero J, Morosi C, Sunyach MP, Fabbroni C, Romagosa C, Ranchere-Vince D, Dei Tos AP, Casali PG, Martin-Broto J, Gronchi A. Effectiveness and Safety of Trabectedin and Radiotherapy for Patients With Myxoid Liposarcoma: A Nonrandomized Clinical Trial. *JAMA Oncol*. 2023 May 1;9(5):656-663. doi: 10.1001/jamaoncol.2023.0056. PMID: 36995731; PMCID: PMC10064283.

17: Palmerini E, Sanfilippo R, Grignani G, Buonadonna A, Romanini A, Badalamenti G, Ferraresi V, Vincenzi B, Comandone A, Pizzolorusso A, Brunello A, Gelsomino F, De Pas T, Ibrahim T, Gurrieri L, Grosso F, Zanelli F, Pantaleo MA, Milesi L, Ciuffreda L, Ferrari V, Marchesi E, Quattrini I, Righi A, Setola E, Carretta E, Casali PG, Picci P, Ferrari S. Transcription regulators and ultra-rare and other rare translocation-related sarcomas treated with trabectedin: A proof of principle from a <i>post-hoc</i> analysis. *Front Oncol*. 2022 Dec 8;12:1042479. doi: 10.3389/fonc.2022.1042479. PMID: 36568164; PMCID: PMC9780071.

18: Fiore M, Ljevar S, Pasquali S, Morelli D, Callegaro D, Sanfilippo R, Barisella M, Sangalli C, Miceli R, Gronchi A. Preoperative Neutrophil-to-Lymphocyte Ratio and a New Inflammatory Biomarkers Prognostic Index for Primary Retroperitoneal Sarcomas: Retrospective Monocentric Study. *Clin Cancer Res*. 2023 Feb 1;29(3):614-620. doi: 10.1158/1078-0432.CCR-22-2897. PMID: 36478176.

19: Vincenzi B, Napolitano A, Comandone A, Sanfilippo R, Celant S, Olimpieri PP, Di Segni S, Russo P, Casali PG. Trabectedin use in soft-tissue sarcoma patients in a real-world setting: Data from an Italian national drug-access registry. *Int J Cancer*. 2023 Feb 15;152(4):761-768. doi: 10.1002/ijc.34309. Epub 2022 Oct 13. PMID: 36196483; PMCID: PMC10092104.

20: Stacchiotti S, Maria Frezza A, Demetri GD, Blay JY, Bajpai J, Baldi GG, Baldini EH, Benjamin RS, Bonvalot S, Bovée JVMG, Callegaro D, Casali PG, D'Angelo SP, Davis EJ, Dei Tos AP, Demicco EG, Desai J, Dileo P, Eriksson M, Gelderblom H, George S, Gladdy RA, Gounder MM, Gupta AA, Haas R, Hayes A, Hohenberger P, Jones KB, Jones RL, Kasper B, Kawai A, Kirsch DG, Kleinerman ES, Le Cesne A, Maestro R, Martin Broto J, Maki RG, Miah AB, Palmerini E, Patel SR, Raut CP, Razak ARA, Reed DR, Rutkowski P, Sanfilippo RG, Sbaraglia M, Schaefer IM, Strauss DC, Strauss SJ, Tap WD, Thomas DM, Trama A, Trent JC, van der Graaf WTA, van Houdt WJ, von Mehren M, Wilky BA, Fletcher CDM, Gronchi A, Miceli R, Wagner AJ. Retrospective observational studies in ultra-rare sarcomas: A consensus paper from the Connective Tissue Oncology Society (CTOS) community of experts on the minimum requirements for the evaluation of activity of systemic treatments. *Cancer Treat Rev*. 2022 Nov;110:102455. doi: 10.1016/j.ctrv.2022.102455. Epub 2022 Aug 18. PMID: 36031697.

21: Sanfilippo R, Hayward RL, Musoro J, Benson C, Leahy MG, Brunello A, Blay JY, Steeghs N, Desai IME, Ali N, Hervieu A, Thway K, Marreaud S, Litiere S, Kasper B. Activity of Cabazitaxel in Metastatic or Inoperable Locally Advanced Dedifferentiated Liposarcoma: A Phase 2 Study of the EORTC Soft Tissue and Bone Sarcoma Group (STBSG). *JAMA Oncol*. 2022 Oct 1;8(10):1420-1425. doi: 10.1001/jamaoncol.2022.3218. PMID: 35980618; PMCID: PMC9389439.

22: Tseng WW, Swallow CJ, Strauss DC, Bonvalot S, Rutkowski P, Ford SJ, Gonzalez RJ, Gladdy RA, Gyorki DE, Fairweather M, Lee KW, Albertsmeier M, van Houdt WJ, Fau M, Nessim C, Grignani G, Cardona K, Quagliuolo V, Grignol V, Farma JM, Pennacchioli E, Fiore M, Hayes A, Tzanis D, Skoczylas J, Almond ML, Mullinax JE, Johnston W, Snow H, Haas RL, Callegaro D, Smith MJ, Bouhadiba T, Desai A, Voss R, Sanfilippo R, Jones RL, Baldini EH, Wagner AJ, Catton CN, Stacchiotti S, Thway K, Roland CL, Raut CP, Gronchi A; Transatlantic Australasian Retroperitoneal Sarcoma Working Group. Management of Locally Recurrent Retroperitoneal Sarcoma in the Adult: An Updated Consensus Approach from the Transatlantic Australasian Retroperitoneal Sarcoma Working Group. *Ann Surg Oncol*. 2022 Nov;29(12):7335-7348. doi: 10.1245/s10434-022-11864-y. Epub 2022 Jun 29. PMID: 35767103.

23: Stacchiotti S, Van der Graaf WTA, Sanfilippo RG, Marreaud SI, Van Houdt WJ, Judson IR, Gronchi A, Gelderblom H, Litiere S, Kasper B. First-line chemotherapy in advanced intra-abdominal well-differentiated/dedifferentiated liposarcoma: An EORTC Soft Tissue and Bone Sarcoma Group retrospective analysis. *Cancer*. 2022 Aug 1;128(15):2932-2938. doi: 10.1002/cncr.34264. Epub 2022 May 13. PMID: 35561319.

24: Radaelli S, Pasquali S, Colombo C, Callegaro D, Sanfilippo R, Stacchiotti S,

Provenzano S, Sangalli C, Morosi C, Barisella M, Miceli R, Fiore M, Gronchi A. Treatment strategies and outcomes of primary Myxofibrosarcomas in a large patients cohort. *Eur J Surg Oncol*. 2022 Aug;48(8):1723-1729. doi: 10.1016/j.ejso.2022.01.003. Epub 2022 Jan 21. PMID: 35153104.

25: Spolverato G, Chiminazzo V, Lorenzoni G, Fiore M, Radaelli S, Sanfilippo R, Sangalli C, Barisella M, Callegaro D, Gronchi A. Oncological outcomes after major vascular resections for primary retroperitoneal liposarcoma. *Eur J Surg Oncol*. 2021 Dec;47(12):3004-3010. doi: 10.1016/j.ejso.2021.06.035. Epub 2021 Jul 2. PMID: 34364722.

26: Mannarino L, Craparotta I, Ballabio S, Frapolli R, Meroni M, Bello E, Panini N, Callari M, Sanfilippo R, Casali PG, Barisella M, Fabbroni C, Marchini S, D'Incalci M. Mechanisms of responsiveness to and resistance against trabectedin in murine models of human myxoid liposarcoma. *Genomics*. 2021 Sep;113(5):3439-3448. doi: 10.1016/j.ygeno.2021.07.028. Epub 2021 Jul 30. Erratum in: *Genomics*. 2022 Jan;114(1):473. doi: 10.1016/j.ygeno.2021.09.005. PMID: 34339817.

27: Stacchiotti S, Frezza AM, Blay JY, Baldini EH, Bonvalot S, Bovée JVMG, Callegaro D, Casali PG, Chiang RC, Demetri GD, Demicco EG, Desai J, Eriksson M, Gelderblom H, George S, Gounder MM, Gronchi A, Gupta A, Haas RL, Hayes-Jardon A, Hohenberger P, Jones KB, Jones RL, Kasper B, Kawai A, Kirsch DG, Kleinerman ES, Le Cesne A, Lim J, Chirlaque López MD, Maestro R, Marcos-Gragera R, Martin Broto J, Matsuda T, Mir O, Patel SR, Raut CP, Razak ARA, Reed DR, Rutkowski P, Sanfilippo RG, Sbaraglia M, Schaefer IM, Strauss DC, Sundby Hall K, Tap WD, Thomas DM, van der Graaf WTA, van Houdt WJ, Visser O, von Mehren M, Wagner AJ, Wilky BA, Won YJ, Fletcher CDM, Dei Tos AP, Trama A. Ultra-rare sarcomas: A consensus paper from the Connective Tissue Oncology Society community of experts on the incidence threshold and the list of entities. *Cancer*. 2021 Aug 15;127(16):2934-2942. doi: 10.1002/cncr.33618. Epub 2021 Apr 28. PMID: 33910263; PMCID: PMC8319065.

28: Fabbroni C, Fucà G, Ligorio F, Fumagalli E, Barisella M, Collini P, Morosi C, Gronchi A, Dei Tos AP, Casali PG, Sanfilippo R. Impact of Pathological Stratification on the Clinical Outcomes of Advanced Well-Differentiated/Dedifferentiated Liposarcoma Treated with Trabectedin. *Cancers (Basel)*. 2021 Mar 22;13(6):1453. doi: 10.3390/cancers13061453. PMID: 33810165; PMCID: PMC8005098.

29: Palmerini E, Sanfilippo R, Grignani G, Buonadonna A, Romanini A, Badalamenti G, Ferraresi V, Vincenzi B, Comandone A, Pizzolorusso A, Brunello A, Gelsomino F, Pas T, Ibrahim T, Grosso F, Zanelli F, Pantaleo MA, Milesi L, Ciuffreda L, Ferrari V, Marchesi E, Quattrini I, Righi A, Setola E, Carretta E, Picci P, Ferrari S. Trabectedin for Patients with Advanced Soft Tissue Sarcoma: A Non-Interventional, Retrospective, Multicenter Study of the Italian Sarcoma Group. *Cancers (Basel)*. 2021 Mar 2;13(5):1053. doi: 10.3390/cancers13051053. PMID: 33801399; PMCID: PMC7958606.

30: Kasper B, Achee A, Schuster K, Wilson R, van Oortmerssen G, Gladdy RA, Hemming ML, Huang P, Ingham M, Jones RL, Pollack SM, Reinke D, Sanfilippo R, Schuetze SM, Somaiah N, Van Tine BA, Wilky B, Okuno S, Trent J. Unmet Medical Needs and Future Perspectives for Leiomyosarcoma Patients-A Position Paper from the National Leiomyosarcoma Foundation (NLMSF) and Sarcoma Patients EuroNet (SPAEN). *Cancers (Basel)*. 2021 Feb 20;13(4):886. doi: 10.3390/cancers13040886. PMID: 33672607; PMCID: PMC7924026.

31: Zuco V, Pasquali S, Tortoreto M, Brich S, Percio S, Dagrada GP, Colombo C, Sanfilippo R, Lauricella C, Gounder M, El Bezawy R, Barisella M, Dei Tos AP, Casali PG, Gronchi A, Stacchiotti S, Zaffaroni N. Selinexor versus doxorubicin in dedifferentiated liposarcoma PDXs: evidence of greater activity and apoptotic response dependent on p53 nuclear accumulation and survivin down-regulation. *J Exp Clin Cancer Res*. 2021 Mar 1;40(1):83. doi: 10.1186/s13046-021-01886-x. PMID: 33648535; PMCID: PMC7923610.

32: Tseng WW, Barretta F, Conti L, Grignani G, Tolomeo F, Albertsmeier M, Angele MK, Rutkowski P, Skoczylas J, De Paoli A, Navarria F, Raut CP, Fairweather M, Farma JM, Nessim C, Goel N, Grignol VP, Ford SJ, Cardona K, Subhawong T, Tattersall HL, Lee RM, Hu JS, von Mehren M, Sanfilippo R, Gronchi A. Defining the role of neoadjuvant systemic therapy in high-risk retroperitoneal sarcoma: A multi-institutional study from the Transatlantic Australasian Retroperitoneal Sarcoma Working Group. *Cancer*. 2021 Mar 1;127(5):729-738. doi: 10.1002/cncr.33323. Epub 2020 Nov 18. PMID: 33206381.

33: Ferrandina G, Aristei C, Biondetti PR, Cananzi FCM, Casali P, Ciccarone F, Colombo N, Comandone A, Corvo' R, De Iaco P, Dei Tos AP, Donato V, Fiore M, Franchi, Gadducci A, Gronchi A, Guerriero S, Infante A, Odicino F, Pirroni T, Quagliuolo V, Sanfilippo R, Testa AC, Zannoni GF, Scambia G, Lorusso D. Italian consensus conference on management of uterine sarcomas on behalf of S.I.G.O. (Societa' italiana di Ginecologia E Ostetricia). *Eur J Cancer*. 2020 Nov;139:149-168. doi: 10.1016/j.ejca.2020.08.016. Epub 2020 Sep 29. Erratum in: *Eur J Cancer*. 2021 Feb;144:397-398. doi: 10.1016/j.ejca.2020.11.001. PMID: 32992154.

34: Fucà G, Fabbroni C, Mancari R, Manglaviti S, Bogani G, Fumagalli E, Bertulli R, Morosi C, Collini P, Raspagliesi F, Colombo N, Casali PG, Sanfilippo R. Anthracycline-based and gemcitabine-based chemotherapy in the adjuvant setting for stage I uterine leiomyosarcoma: a retrospective analysis at two reference centers. *Clin Sarcoma Res*. 2020 Aug 28;10:17. doi: 10.1186/s13569-020-00139-3. PMID: 32874547; PMCID: PMC7456084.

35: Sanfilippo R, Fabbroni C, Fucà G, Fumagalli E, Morosi C, Sbaraglia M, Gronchi A, Collini P, Dei Tos AP, Casali PG. Addition of Antiestrogen Treatment in Patients with Malignant PEComa Progressing to mTOR Inhibitors. *Clin Cancer Res*. 2020 Oct 15;26(20):5534-5538. doi: 10.1158/1078-0432.CCR-20-1191. Epub 2020 Jun 30. PMID: 32605908.

36: Fabbroni C, Sbaraglia M, Sanfilippo R. Medical treatment of advanced

malignant perivascular epithelioid cell tumors. *Curr Opin Oncol*. 2020 Jul;32(4):301-306. doi: 10.1097/CCO.0000000000000649. PMID: 32541317.

37: D'Ambrosio L, Touati N, Blay JY, Grignani G, Flippot R, Czarnecka AM, Piperno-Neumann S, Martin-Broto J, Sanfilippo R, Katz D, Duffaud F, Vincenzi B, Stark DP, Mazzeo F, Tuchscherer A, Chevreau C, Sherriff J, Estival A, Litière S, Sents W, Ray-Coquard I, Tolomeo F, Le Cesne A, Rutkowski P, Stacchiotti S, Kasper B, Gelderblom H, Gronchi A; European Organization for Research and Treatment of Cancer Soft Tissue and Bone Sarcoma Group. Doxorubicin plus dacarbazine, doxorubicin plus ifosfamide, or doxorubicin alone as a first-line treatment for advanced leiomyosarcoma: A propensity score matching analysis from the European Organization for Research and Treatment of Cancer Soft Tissue and Bone Sarcoma Group. *Cancer*. 2020 Jun 1;126(11):2637-2647. doi: 10.1002/cncr.32795. Epub 2020 Mar 4. PMID: 32129883.

38: Frapolli R, Bello E, Ponzio M, Craparotta I, Mannarino L, Ballabio S, Marchini S, Carrassa L, Ubezio P, Porcu L, Brich S, Sanfilippo R, Casali PG, Gronchi A, Pilotti S, D'Incalci M. Combination of PPAR γ Agonist Pioglitazone and Trabectedin Induce Adipocyte Differentiation to Overcome Trabectedin Resistance in Myxoid Liposarcomas. *Clin Cancer Res*. 2019 Dec 15;25(24):7565-7575. doi: 10.1158/1078-0432.CCR-19-0976. Epub 2019 Sep 3. Erratum in: *Clin Cancer Res*. 2020 Mar 1;26(5):1199. doi: 10.1158/1078-0432.CCR-20-0172. PMID: 31481505.

39: Bello E, Brich S, Craparotta I, Mannarino L, Ballabio S, Gatta R, Marchini S, Carrassa L, Matteo C, Sanfilippo R, Gronchi A, Casali PG, Pilotti S, D'Incalci M, Frapolli R. Establishment and characterisation of a new patient-derived model of myxoid liposarcoma with acquired resistance to trabectedin. *Br J Cancer*. 2019 Sep;121(6):464-473. doi: 10.1038/s41416-019-0550-2. Epub 2019 Aug 14. Erratum in: *Br J Cancer*. 2020 Mar;122(7):1120. doi: 10.1038/s41416-020-0746-5. PMID: 31409911; PMCID: PMC6738121.

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D. Research Support

Ongoing Research Support

2020-ongoing Granting Agency: AIRC (Italian Association for Cancer Research), Title: Enhancement of trabectedin efficacy and trabectedin-induced adipocytic differentiation in liposarcomas by PPAR γ agonists Role: collaborator

Milan, September 11, 2023