

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	Gambarotti Marco
Address	via Gian Giacomo Carissimi 18, 40141, Bologna, Italy
Telephone	+393389739567
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E-mail	marco.gambarotti@ior.it
Nationality	Italian
Date of birth	04/03/1976

WORK EXPERIENCE

- Dates (from March 2019)
- Name and address of employer
 - Head of Anatomy and Pathological Histology Unit
 - Rizzoli Orthopedic Institute, Bologna.
- Type of business or sector
 - IRCCS
- Occupation or position held
 - Head of Anatomy and Pathological Histology Unit

- Dates (May 2008 – March 2019)
- Name and address of employer
 - Pathologist in the Anatomy and Pathological Histology Unit of the Rizzoli Orthopaedic Institute in Bologna.
 - Rizzoli Orthopedic Institute, Bologna.
- Type of business or sector
 - IRCCS
- Occupation or position held
 - Medical Doctor, Pathologist
- Main activities and responsibilities
 - Daily management of surgical specimens from the Rizzoli Orthopaedic Institute. Gross description, evaluation of surgical margins, and histological diagnosis of tumors, including intraoperative diagnosis. Since 2008 he has diagnosed more than 40,000 cases. He worked under the direction of Dr. Marco Alberghini until June 2012. He worked with the advice of Prof. Franco Bertoni, Prof. Angelo Paolo Dei Tos, Dr. Piero Picci, and Prof. Daniel Vanel (consultant radiology of the Rizzoli Orthopedic Institute).
 - Educational training of Italian and foreign visitors who regularly visit the Anatomy and Pathological Histology Unit of the Rizzoli Orthopedic Institute.
 - Collaboration in national and European projects on bone and soft tissue tumors.
 - Member of the SIAPEC - IAP, of the International Skeletal Society, of the EMSOS (European Musculo-Skeletal Oncology Society), and of the AIEOP (Associazione Italiana di Ematologia e Oncologia Pediatrica).
 - From 25th June 2021, member of the Executive Committee of the Italian Sarcoma Group (ISG).
 - Author and co-author of more than 100 scientific papers on national or international journals (H-index: 23, Scopus verified).

Co-editor and author of the "Atlas of Musculoskeletal Tumors and Tumorlike Lesions - The Rizzoli Case Archive" (1st and 2nd editions), that collects the whole archive of bone and soft tissue tumors of the Rizzoli Orthopaedic Institute.

Authors of three chapters in the last (2020) WHO Classification of Soft Tissue and Bone Tumours: Low-grade central osteosarcoma, Chondromesenchymal hamartoma of chest wall, Fibrocartilaginous mesenchymoma (for this last he is the responsible author).

Participation in many international courses about Anatomic Pathology and Musculoskeletal Oncology, in different countries (i.e.: Russia, Costa Rica, etc). Co-organizer and speaker in the annual "Course on Musculoskeletal Pathology" of the Rizzoli Orthopedic Institute.

- Dates (April 2007 – April 2008) Researcher at the University of Brescia. He worked at the project: "Evaluation and improvement about the pathologic activity in liver diseases".
- Name and address of employer University of Brescia
 - Type of business or sector University
 - Occupation or position held Researcher
 - Main activities and responsibilities Histological review of liver biopsies from patients with viral hepatitis; participation in clinical-pathological meetings about liver disease.

EDUCATION AND TRAINING

- Dates (2001/2002 – 2006) Specialization in Anatomic Pathology (University of Brescia, duration: 5 years)
 - Name and type of organisation providing education and training University of Brescia
 - Principal subjects/occupational skills covered Gross examination of surgical specimens, necropsy findings, fine needle aspiration cytology. Histological and cytological diagnoses of disease of all organs, in particular liver, soft tissue, bone, gastrointestinal tract, lymphoid system, lung, and skin.
- Title of qualification awarded Specialization in Anatomic Pathology with 50/50 cum laude
- Level in national classification -

EDUCATION AND TRAINING

- Dates (3/3/2006 – 31/3/2006) He attended from 3rd to 31st March 2006 the Department of Anatomic Pathology of the Catholic University of Leuven (Belgium)
 - Name and type of organisation providing education and training Catholic University of Leuven
 - Principal subjects/occupational skills covered Multi-head simultaneous microscopic examination of daily histological cases of liver disease with Prof.T.Roskams and Prof.VJ Desmet; weekly meetings about liver disease in "Gasthuisberg" Hospital with Prof.T.Roskams and the clinicians. Multi-head simultaneous microscopic examination of daily histological cases of soft tissue pathology with Prof.R.Sciot. Multi-head simultaneous microscopic examination of daily histological cases of gastrointestinal tract diseases with Prof.K.Geboes.
- Title of qualification awarded -
- Level in national classification -

EDUCATION AND TRAINING

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| • Dates (1995/1996 – 2001) | Degree in Medicine and Surgery (duration: 6 years) |
| • Name and type of organisation providing education and training | University of Brescia |
| • Principal subjects/occupational skills covered | - |
| • Title of qualification awarded | Degree in Medicine and Surgery with 110/110 cum laude |
| • Level in national classification (if appropriate) | - |

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE Italian

OTHER LANGUAGES

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|------------------|---------|
| | English |
| • READING SKILLS | Fluent |
| • WRITING SKILLS | Fluent |
| • VERBAL SKILLS | Fluent |

SOCIAL SKILLS AND COMPETENCES Good skills in team-working.

LIVING AND WORKING WITH OTHER PEOPLE, IN MULTICULTURAL ENVIRONMENTS, IN POSITIONS WHERE COMMUNICATION IS IMPORTANT AND SITUATIONS WHERE TEAMWORK IS ESSENTIAL (FOR EXAMPLE CULTURE AND SPORTS), ETC.

ORGANISATIONAL SKILLS AND COMPETENCES Good skills in complex analysis and selection of analytical methods to solve problems.

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS

AND COMPETENCES

WITH COMPUTERS, SPECIFIC KINDS OF EQUIPMENT, MACHINERY, ETC.

Good skills in using Office Applications, Internet programs, programs for histological reports, Photoshop and other programs for the management of gross and microscopic pictures.

ARTISTIC SKILLS AND COMPETENCES

He studied classical and modern piano from the age of 12.

MUSIC, WRITING, DESIGN, ETC.

OTHER SKILLS -

AND COMPETENCES

Competences not mentioned above.

DRIVING LICENCE(S) B license.

ADDITIONAL INFORMATION -**ANNEXES** List of publications.

1. Intra-Articular Tumors. Sbaraglia M, Gambarotti M, Businello G, Righi A, Fassan M, Dei Tos AP. *Surg Pathol Clin.* 2021 Dec;14(4):665-677. doi: 10.1016/j.path.2021.06.008. Epub 2021 Oct 7. PMID: 34742486 Review.
2. Predictive Value of MRP-1 in Localized High-Risk Soft Tissue Sarcomas: A Translational Research Associated to ISG-STIS 1001 Randomized Phase III Trial. Martin-Broto J, Lopez-Alvarez M, Moura DS, Ramos R, Collini P, Romagosa C, Bagué S, Renne SL, Barisella M, Velasco V, Coindre JM, Lopez-Lopez D, Dopazo J, Gambarotti M, Braglia L, Merlo DF, Palmerini E, Stacchiotti S, Quagliuolo VL, Lopez-Pousa A, Grignani G, Blay JY, Brunello A, Gutierrez A, Valverde C, Hindi N, Dei Tos AP, Picci P, Casali PG, Gronchi A. *Mol Cancer Ther.* 2021 Sep 22. doi: 10.1158/1535-7163.MCT-21-0315. Online ahead of print. PMID: 34552008
3. Ki-67 immunoexpression and radiological assessment of necrosis improves accuracy of conventional and modified core biopsy systems in predicting the final grade assigned to adult-soft tissue sarcomas. An international collaborative study. Machado I, Cruz J, Righi A, Gambarotti M, Ferrari C, Ruengwanichayakun P, Giner F, Rausell N, Lavernia J, Sugita S, Najera L, Suarez L, Sanjuan X, García JAN, García Del Muro FJ, Gómez-Mateo MC, Valladares MM, Ramos-Oliver I, Romagosa C, Parafioriti A, Elisabetta A, di Bernardo A, Navarro S, Hasegawa T, Arana E, Lombart-Bosch A. *Pathol Res Pract.* 2021 Sep;225:153562. doi: 10.1016/j.prp.2021.153562. Epub 2021 Jul 22. PMID: 34329836
4. Giant Cell Tumor of Bone in Patients under 16 Years Old: A Single-Institution Case Series. Ambrosi F, Righi A, Benini S, Magagnoli G, Chiaramonte I, Manfrini M, Gasbarrini A, Frisoni T, Gambarotti M. *Cancers (Basel).* 2021 May 25;13(11):2585. doi: 10.3390/cancers13112585. PMID: 34070432 Free PMC article.
5. Clinical, Histological, and Molecular Features of Solitary Fibrous Tumor of Bone: A Single Institution Retrospective Review. Bianchi G, Lana D, Gambarotti M, Ferrari C, Sbaraglia M, Pedrini E, Pazzaglia L, Sangiorgi L, Bartolotti I, Dei Tos AP, Scottlandi K, Righi A. *Cancers (Basel).* 2021 May19;13(10):2470. doi: 10.3390/cancers13102470. PMID: 34069378 Free PMC article.
6. Outcome in dedifferentiated chondrosarcoma for patients treated with multimodal therapy: Results from the EUROpean Bone Over 40 Sarcoma Study. Hompland I, Ferrari S, Bielack S, Palmerini E, Hall KS, Picci P, Hecker-Nolting S, Donati DM, Blattmann C, Bjerkehagen B, Staals E, Kager L, Gambarotti M, Kühne T, Eriksson M, Ferraresi V, Kevric M, Biagini R, Baumhoer D, Brosjø O, Comandone A, Schwarz R, Bertulli R, Kessler T, Hansson L, Apice G, Heydrich BN, Setola E, Flörcken A, Ruggieri P, Krasniqi F, Hofmann-Wackersreuther G, Casali P, Reichardt P, Smeland S. *Eur J Cancer.* 2021 Jul;151:150-158. doi: 10.1016/j.ejca.2021.04.017. Epub 2021 May 11. PMID: 33990016 Free article.

7. Histological response to neoadjuvant chemotherapy in localized Ewing sarcoma of the bone: A retrospective analysis of available scoring tools. Righi A, Pacheco M, Palmerini E, Carretta E, Gambarotti M, Longhi A, Magagnoli G, Sbaraglia M, Manfrini M, Picci P, Dei Tos AP. *Eur J Surg Oncol*. 2021 Jul;47(7):1778-1783. doi: 10.1016/j.ejso.2021.02.009. Epub 2021 Feb 16. PMID: 33622576
8. Usefulness of β -catenin expression in the differential diagnosis of osteosarcoma, osteoblastoma, and chondroblastoma. Erdogan KE, Pacheco M, Gambarotti M, Magagnoli G, Sbaraglia M, Frisoni T, Righi A, Dei Tos AP. *Virchows Arch*. 2021 Sep;479(3):529-535. doi: 10.1007/s00428-020-03004-2. Epub 2021 Jan 28. PMID: 33511430
9. Malignancy in giant cell tumor of bone: analysis of an open-label phase 2 study of denosumab. Palmerini E, Seeger LL, Gambarotti M, Righi A, Reichardt P, Bukata S, Blay JY, Dai T, Jandial D, Picci P. *BMC Cancer*. 2021 Jan 22;21(1):89. doi: 10.1186/s12885-020-07739-8. PMID: 33482769 Free PMC article. Clinical Trial.
10. Primary sclerosing epithelioid fibrosarcoma of the spine: a single-institution experience. Righi A, Pacheco M, Pipola V, Gambarotti M, Benini S, Sbaraglia M, Frisoni T, Boriani S, Dei Tos AP, Gasbarrini A. *Histopathology*. 2021 Jun;78(7):976-986. doi: 10.1111/his.14332. Epub 2021 Apr 14. PMID: 33428796
11. Primary malignant ossifying fibromyxoid tumour of the bone. A clinicopathologic and molecular report of two cases. Sbaraglia M, Bellan E, Gambarotti M, Righi A, Zanatta L, Toffolatti L, Dei Tos AP. *Pathologica*. 2020 Dec;112(4):184-190. doi: 10.32074/1591-951X-207. Epub 2020 Nov 3. PMID: 33179613 Free PMC article.
12. Chondroblastoma's Lung Metastases Treated with Denosumab in Pediatric Patient. Focaccia M, Gambarotti M, Hakim R, Paioli A, Cesari M, Spazzoli B, Spinnato P, Donati D, Rocca M, Longhi A. *Cancer Res Treat*. 2021 Jan;53(1):279-282. doi: 10.4143/crt.2020.384. Epub 2020 Aug 6. PMID: 32777878 Free PMC article.
13. Vertebroplasty shows no antitumoral effect on vertebral metastasis: a case-based study on anatomopathological examinations. Balestrino A, Boriani S, Cecchinato R, Parafioriti A, Gambarotti M, Gasbarrini A. *Eur Spine J*. 2020 Dec;29(12):3157-3162. doi: 10.1007/s00586-020-06555-9. Epub 2020 Aug 4. PMID: 32749618
14. Lipoblastoma-like tumor of the spermatic cord: case report and review of the literature. Gambarotti M, Erdogan KE, Righi A, Benini S, Raspollini MR, Rose AD, Magagnoli G, Sbaraglia M, Dei Tos AP. *Virchows Arch*. 2021 May;478(5):1013-1017. doi: 10.1007/s00428-020-02883-9. Epub 2020 Jul 2. PMID: 32617677 Review.
15. Synovial chondrosarcoma: a single-institution experience with molecular investigations and review of the literature. Gambarotti M, Pacheco M, Ruengwanichayakun P, Silvino Vega Jiménez B, Benini S, Bianchi G, Sbaraglia M, Vanel D, Carretta E, Bertoni F, Franchi A, Dei Tos AP, Righi A. *Histopathology*. 2020 Sep;77(3):391-401. doi: 10.1111/his.14170. Epub 2020 Jul 28. PMID: 32506447 Review.
16. How Does the Skeletal Oncology Research Group Algorithm's Prediction of 5-year Survival in Patients with Chondrosarcoma Perform on International Validation? Bongers MER, Karhade AV, Setola E, Gambarotti M, Groot OQ, Erdoğan KE, Picci P, Donati DM, Schwab JH, Palmerini E. *Clin OrthopRelat Res*. 2020 Oct;478(10):2300-2308. doi: 10.1097/CORR.0000000000001305. PMID: 32433107 Free PMC article.
17. The sacral chordoma margin. Radaelli S, Fossati P, Stacchiotti S, Akiyama T, Asencio JM, Bandiera S, Boglione A, Boland P, Bolle S, Bruland Ø, Brunello A, Bruzzi P, Campanacci D, Cananzi F, Capanna R, Casadei R, Cordoba A, Court C, Dei Tos AP, DeLaney TF, De Paoli A, De Pas TM, Desai A, Di Brina L, Donati DM, Fabbri N, Fiore MR, Frezza A, Gambarotti M, Gasbarrini A, Georg P, Grignani G, Hindi N, Hug EB, Jones R, Kawai A, Krol AD, Le Grange F, Luzzati A, Marquina G, Martin-Benlloch JA, Mazzocco K, Navarra F, Navarra P, Parchi PD, Patel S, Pennacchioli E, Petrongari MG, Picci P, Pollock R, Porcu L, Quagliuolo V, Sangalli C, Scheipl S, Scotto GM, Spalek M, Steinmeier T, Timmermann B, Trama A, Uhl M, Valverde C, Varga PP, Verges R, Weber DC, Zoccali C, Casali PG, Sommer J, Gronchi A. *Eur J Surg Oncol*. 2020 Aug;46(8):1415-1422. doi: 10.1016/j.ejso.2020.04.028. Epub 2020 Apr 27. PMID: 32402509 Review.

18. The natural history of epithelioid sarcoma. A retrospective multicentre case-series within the Italian Sarcoma Group. Frezza AM, Sbaraglia M, Lo Vullo S, Baldi GG, Simeone N, Frenos F, Campanacci D, Stacchiotti S, Pasquali S, Callegaro D, Gambarotti M, Barisella M, Palomba A, Mariani L, Casali PG, Dei Tos AP, Gronchi A. *Eur J SurgOncol*. 2020 Jul;46(7):1320-1326. doi: 10.1016/j.ejso.2020.03.215. Epub 2020 Apr 8. PMID: 32307188
19. Genomics and Therapeutic Vulnerabilities of Primary Bone Tumors. Scotlandi K, Hattinger CM, Pellegrini E, Gambarotti M, Serra M. *Cells*. 2020 Apr 14;9(4):968. doi: 10.3390/cells9040968. PMID: 32295254 Free PMC article. Review.
20. Primary Vascular Tumors of Bone: A Monoinstitutional Morphologic and Molecular Analysis of 427 Cases With Emphasis on Epithelioid Variants. Righi A, Sbaraglia M, Gambarotti M, Gibertoni D, Rovira MP, Benini S, Errani C, Brenca M, Maestro R, Dei Tos AP. *Am J Surg Pathol*. 2020 Sep;44(9):1192-1203. doi: 10.1097/PAS.0000000000001487. PMID: 32271190
21. Inflammation and infiltration: can the radiologist draw a line? MRI versus CT to accurately assess medullary involvement in parosteal osteosarcoma. Aparisi Gómez MP, Righi A, Errani C, Facchini G, Gambarotti M, Picci P, Vanel D, Donati DM, Bazzocchi A. *Int J Biol Markers*. 2020 Feb;35(1_suppl):31-36. doi: 10.1177/1724600819900516. PMID: 32079463 Free article.
22. ROCK2 deprivation leads to the inhibition of tumor growth and metastatic potential in osteosarcoma cells through the modulation of YAP activity. Zucchini C, Manara MC, Cristalli C, Carrabotta M, Greco S, Pinca RS, Ferrari C, Landuzzi L, Pasello M, Lollini PL, Gambarotti M, Donati DM, Scotlandi K. *J Exp Clin Cancer Res*. 2019 Dec 26;38(1):503. doi: 10.1186/s13046-019-1506-3. PMID: 31878963 Free PMC article.
23. Identification of a novel fusion transcript EWSR1-VEZF1 by anchored multiplex PCR in malignant peripheral nerve sheath tumor. Benini S, Gamberi G, Cocchi S, Righi A, Frisoni T, Longhi A, Gambarotti M. *Pathol Res Pract*. 2020 Jan;216(1):152760. doi: 10.1016/j.prp.2019.152760. Epub 2019 Nov 22. PMID: 31812440
24. Can Osteoblastoma Evolve to Malignancy? A Challenge in the Decision-Making Process of a Benign Spine Tumor. Mesfin A, Boriani S, Gambarotti M, Bandiera S, Gasbarrini A. *World Neurosurg*. 2020 Apr;136:150-156. doi: 10.1016/j.wneu.2019.11.148. Epub 2019 Dec 4. PMID: 31809897 Review.
25. Ewing sarcoma and Ewing-like tumors. Sbaraglia M, Righi A, Gambarotti M, Dei Tos AP. *Virchows Arch*. 2020 Jan;476(1):109-119. doi: 10.1007/s00428-019-02720-8. Epub 2019 Dec 4. PMID: 31802230 Review.
26. Expression of the double-stranded RNA-dependent kinase PKR influences osteosarcoma attachment independent growth, migration, and invasion. Piazzini M, Bavelloni A, Greco S, Focaccia E, Orsini A, Benini S, Gambarotti M, Faenza I, Blalock WL. *J Cell Physiol*. 2020 Feb;235(2):1103-1119. doi: 10.1002/jcp.29024. Epub 2019 Jun 25. PMID: 31240713
27. Parosteal osteosarcoma: a monocentric retrospective analysis of 195 patients. Ruengwanichayakun P, Gambarotti M, Frisoni T, Gibertoni D, Guaraldi F, Sbaraglia M, Dei Tos AP, Picci P, Righi A. *HumPathol*. 2019 Sep;91:11-18. doi: 10.1016/j.humpath.2019.05.009. Epub 2019 May 23. PMID: 31128127
28. Denosumab in the treatment of giant cell tumor of the spine. Preliminary report, review of the literature and protocol proposal. Boriani S, Cecchinato R, Cuzzocrea F, Bandiera S, Gambarotti M, Gasbarrini A. *Eur Spine J*. 2020 Feb;29(2):257-271. doi: 10.1007/s00586-019-05997-0. Epub 2019 May 16. PMID: 31098716 Review.

29. Prognostic significance of human telomerase reverse transcriptase promoter region mutations C228T and C250T for overall survival in spinal chordomas. Bettegowda C, Yip S, Jiang B, Wang WL, Clarke MJ, Lazary A, Gambarotti M, Zhang M, Sciubba DM, Wolinsky JP, Goodwin CR, McCarthy E, Germscheid NM, Sahgal A, Gokaslan ZL, Boriani S, Varga PP, Fisher CG, Rhines LD. *Neuro Oncol.* 2019 Aug 5;21(8):1005-1015. doi: 10.1093/neuonc/noz066. PMID: 30976795 Free PMC article.
30. Bone marrow biopsy in the initial staging of Ewing sarcoma: Experience from a single institution. Cesari M, Righi A, Colangeli M, Gambarotti M, Spinnato P, Ferraro A, Longhi A, Abate ME, Palmerini E, Paioli A, Ferrari C, Donati DM, Picci P, Ferrari S. *Pediatr Blood Cancer.* 2019 Jun;66(6):e27653. doi: 10.1002/pbc.27653. Epub 2019 Feb 5. PMID: 30724024 Clinical Trial.
31. Unlocking bone for proteomic analysis and FISH. Mueller C, Gambarotti M, Benini S, Picci P, Righi A, Stevanin M, Hombach-Klonisch S, Henderson D, Liotta L, Espina V. *Lab Invest.* 2019 May;99(5):708-721. doi: 10.1038/s41374-018-0168-7. Epub 2019 Jan 18. PMID: 30659273
32. Coexistence of secondary chondrosarcoma and lung carcinoma metastasis in the humerus of a patient with Ollier's disease: A case report. Ayca OE, Sebastiani E, Bianchi G, Gambarotti M. *Acta Orthop Traumatol Turc.* 2019 Jan;53(1):68-73. doi: 10.1016/j.aott.2018.10.008. Epub 2018 Dec 3. PMID: 30522929 Free PMC article.
33. miR- 494.3p expression in synovial sarcoma: Role of CXCR4 as a potential target gene. Pazzaglia L, Pollino S, Vitale M, Bientinesi E, Benini S, Ferrari C, Palmerini E, Gambarotti M, Picci P, Benassi MS. *Int J Oncol.* 2019 Jan;54(1):361-369. doi: 10.3892/ijo.2018.4627. Epub 2018 Nov 6. PMID: 30431073
34. Osteoblastoma-like osteosarcoma: high-grade or low-grade osteosarcoma? Gambarotti M, Dei Tos AP, Vanel D, Picci P, Gibertoni D, Klein MJ, Righi A. *Histopathology.* 2019 Feb;74(3):494-503. doi: 10.1111/his.13746. Epub 2018 Nov 4. PMID: 30152881
35. Corrigendum: Positively selected enhancer elements endow osteosarcoma cells with metastatic competence. Morrow JJ, Bayles I, Funnell APW, Miller TE, Saiakhova A, Lizardo MM, Bartels CF, Kapteijn MY, Hung S, Mendoza A, Dhillon G, Chee DR, Myers JT, Allen F, Gambarotti M, Righi A, DiFeo A, Rubin BP, Huang AY, Meltzer PS, Helman LJ, Picci P, Versteeg HH, Stamatoyannopoulos JA, Khanna C, Scacheri PC. *Nat Med.* 2018 Apr 10;24(4):525. doi: 10.1038/nm0418-525c. PMID: 29634688
36. Extra-axial chordoma: a clinicopathologic analysis of six cases. Righi A, Sbaraglia M, Gambarotti M, Cocchi S, Drago G, Casadei R, Picci P, Vanel D, Dei Tos AP. *Virchows Arch.* 2018 Jun;472(6):1015-1020. doi: 10.1007/s00428-018-2334-0. Epub 2018 Mar 20. PMID: 29560513
37. Intraosseous papillary intralymphatic angioendothelioma (PILA): one new case and review of the literature. Gambarotti M, Righi A, Sbaraglia M, Bianchi G, Picci P, Vanel D, Tos APD. *Clin Sarcoma Res.* 2018 Jan 30;8:1. doi: 10.1186/s13569-018-0087-9. eCollection 2018. PMID: 29423171 Free PMC article.
38. Detection of circulating tumor cells in liquid biopsy from Ewing sarcoma patients. Benini S, Gamberi G, Cocchi S, Garbetta J, Alberti L, Righi A, Gambarotti M, Picci P, Ferrari S. *Cancer Manag Res.* 2018 Jan9;10:49-60. doi: 10.2147/CMAR.S141623. eCollection 2018. PMID: 29386915 Free PMC article.
39. Positively selected enhancer elements endow osteosarcoma cells with metastatic competence. Morrow JJ, Bayles I, Funnell APW, Miller TE, Saiakhova A, Lizardo MM, Bartels CF, Kapteijn MY, Hung S, Mendoza A, Dhillon G, Chee DR, Myers JT, Allen F, Gambarotti M, Righi A, DiFeo A, Rubin BP, Huang AY, Meltzer PS, Helman LJ, Picci P, Versteeg HH, Stamatoyannopoulos JA, Khanna C, Scacheri PC. *Nat Med.* 2018 Feb;24(2):176-185. doi: 10.1038/nm.4475. Epub 2018 Jan 15. PMID: 29334376 Free PMC article.

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41. EURO-B.O.S.S.: A European study on chemotherapy in bone-sarcoma patients aged over 40: Outcome in primary high-grade osteosarcoma. Ferrari S, Bielack SS, Smeland S, Longhi A, Egerer G, Sundby Hall K, Donati D, Kevric M, Brosjö O, Comandone A, Werner M, Monge O, Palmerini E, Berdel WE, Bjerkehagen B, Paioli A, Lorenzen S, Eriksson M, Gambarotti M, Tunn PU, Jebsen NL, Cesari M, von Kalle T, Ferraresi V, Schwarz R, Bertulli R, Kasperek AK, Grignani G, Krasniqi F, Sorg B, Hecker-Nolting S, Picci P, Reichardt P. *Tumori*. 2018 Jan-Feb;104(1):30-36. doi: 10.5301/tj.5000696.PMID: 29218692 Clinical Trial.
42. Solitary intraosseous myofibroma of the ilium in an adult patient: A case report and literature review. Tsuchie H, Bianchi G, Gambarotti M, Donati DM. *J Orthop Sci*. 2020 Jul;25(4):729-733. doi: 10.1016/j.jos.2017.10.010. Epub 2017 Nov 10. PMID: 29129546 Review.
43. Histone 3.3 mutations in giant cell tumor and giant cell-rich sarcomas of bone. Righi A, Mancini I, Gambarotti M, Picci P, Gamberi G, Marraccini C, Dei Tos AP, Simi L, Pinzani P, Franchi A. *Hum Pathol*. 2017 Oct;68:128-135. doi: 10.1016/j.humpath.2017.08.033. Epub 2017 Sep 9. PMID: 28899740
44. Soft Tissue Tumors Rarely Presenting Primary in Bone; Diagnostic Pitfalls. Sbaraglia M, Righi A, Gambarotti M, Vanel D, Picci P, Dei Tos AP. *Surg Pathol Clin*. 2017 Sep;10(3):705-730. doi: 10.1016/j.path.2017.04.013. Epub 2017 Jun 29. PMID: 28797510 Review.
45. Pediatric soft tissue sarcoma of the limbs: clinical outcome of 97 patients. Sambri A, Bianchi G, Cucurnia I, Gambarotti M, Donati DM. *Eur J Orthop Surg Traumatol*. 2018 Jan;28(1):1-7. doi: 10.1007/s00590-017-2019-4. Epub 2017 Aug 1. PMID: 28766068
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Bologna, 11/23/2021

SIGNATURE

