

1. General information

Name: Sebastian Bauer, Prof. Dr. med.

DOB: October 2nd, 1973

City of birth: Konstanz, Germany

Work address: Innere Klinik (Tumorforschung)
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Current position: Director Sarcoma Center (West German Cancer Center)
Chair Translational Oncology (personalized cancer therapy)
Head of Laboratory of Translational Sarcoma Research
Attending physician, Dept. of Medical Oncology

2. University training and degree

1993 - 1999 Julius-Maximilians-University Würzburg, Medical School, Approbation
1995 – 1999 MD Thesis, Cardiovascular Research Lab Prof. Ludwig Neyses, Dept. of Cardiology, Würzburg (Adenoviral transfection of neonatal cardiomyocytes)
1999 - 2003 Residency, Internal Medicine, University Hospital, Essen (Prof. Seeber)
2003 - 2005 Postdoctoral Fellowship (Mildred-Scheel-Stipend), Brigham and Women`s Hospital, Dept. of Pathology, Harvard Medical School, Research Lab JA Fletcher, Boston, MA
2005 - 2009 Residency and Fellowship Medical Oncology; University Hospital Essen, Germany (Prof. M. Schuler); Degree in Internal Medicine and Hematology and Oncology

3. Advanced academic qualifications

2000 Doctorate (MD Thesis; oral exam)

2009 Venia legendi (Habilitation; Internal Medicine) University of Duisburg-Essen, Germany

4. Postgraduate professional career

2014 Chair of Translational Oncology (Personalized Cancer Therapy)

5. Other

- ESMO Faculty Member for Sarcoma (2015-); Track-Chair Sarcoma ESMO 2019, ESMO Scientific committee ESMO 2022
- ASCO Invited Speaker Sarcoma Track (2016-)
- AIO (Arbeitsgemeinschaft Internistische Onkologie/German Oncology Study Group) Chair: Steering Committee German Sarcoma Trial Working Group) (2017-2019)

Member:

- European Organization for Research and Treatment of Cancer (EORTC)
- European Society of Medical Oncology (ESMO)
- American Association of Cancer Research (AACR)
- Deutsche Krebsgesellschaft (DKG)
- Arbeitsgemeinschaft Internistische Onkologie (AIO)
- Deutsches Konsortium für Translationale Krebsforschung (DKTK)

Reviewer:

„Acta Oncologica“
 “Annals of Oncology”
 „Annals of Surgical Oncology”
 „BBA reviews in Cancer”
 „Cancer, Chemotherapy, Pharmacology“
 “Cancer Discovery”
 „Clinical Cancer Research“
 “Clinical Sarcoma Research”
 „Clinical Pharmacokinetics”
 „Digestive and Liver Disease”
 „European Journal of Cancer”
 „European Journal of Hematology”
 „Gastroenterology“
 „Gut”
 „Journal of Clinical Investigation“
 “Journal of Clinical Oncology”
 “Journal of Clinical Oncology – Precision Oncology”
 „Journal of Clinical Pathology“
 „Journal of Pathology“
 „Laboratory Investigation”
 „Molecular Cancer”
 „Molecular Cancer Research”
 „Molecular Cancer Therapeutics”
 “Nature Medicine”
 „Nature Reviews Clinical Oncology“
 “Nature Reviews Disease Primer”
 “New England Journal of Medicine”
 „Oncogene”
 „PLOSone”
 „World Journal of Surgical Oncology”

Awards:

2015	Swiss GIST-Research-Award
2009	Award for Research and Innovation of the Deutsche Gesellschaft für Hämatologie und Onkologie
2008	„Young Master“-Award of the German Oncological Society (DGHO)

- 2005 "AACR Scholar-in-Training Award" for the abstract: „HSP90 inhibition by IPI-504 causes inhibition and degradation of KIT in imatinib-resistant GIST:a new point of attack for salvage therapy?“
- 2005 "Young Investigator Award", Connective Tissue Oncology Society Annual Meeting – for the abstract „Targeting HSP90 in IM-resistant GIST: KIT degradation as a broadly relevant salvage strategy“
- 2005 "ASCO Foundation Merit Award", American Society of Clinical Oncology for the abstract „KIT hyperactivation in imatinib-resistant GIST: Implications for salvage therapies“

Clinical Trial Experience (National coordinator Germany LKP):

StrateGIST: A First-in-human (FIH) Study of IDRX-42 in Participants With Metastatic and/or Unresectable Gastrointestinal Stromal Tumors

PEAK: A Phase 3 Randomized Trial of CGT9486+Sunitinib vs. Sunitinib in Subjects With Gastrointestinal Stromal Tumors.

MOTION: Study of Vimseltinib for Tenosynovial Giant Cell Tumor

INSIGHT: A Study of Ripretinib vs Sunitinib in Patients With Advanced GIST With Specific KIT Exon Mutations Who Were Previously Treated With Imatinib (Global Co-Lead PI)

INTRIGUE: A randomized phase III Study of DCC-2618 vs Sunitinib in Advanced GIST Patients After Treatment With Imatinib (Global Co-Lead PI)

INVICTUS: Phase 3 Study of DCC-2618 vs Placebo in Advanced GIST Patients Who Have Been Treated With Prior Anticancer Therapies

VOYAGER: Study of Avapritinib vs Regorafenib in Patients With Locally Advanced Unresectable or Metastatic GIST.

POETIG: Ponatinib After Resistance to Imatinib in GIST (POETIG) (Investigator-initiated trial)

WTZ-GIST-09-01: Phase I study of LBH589 in combination with imatinib in imatinib- and sunitinib-refractory GIST (Investigator-initiated trial)

BLU-285-1101 Eine Phase-1-Studie zur Untersuchung von BLU-285 bei Patienten mit gastrointestinalen Stroma-Tumoren (GIST) und anderen rezidivierten und refraktären soliden Tumoren.

CHDM201X2103c: Eine offene, multizentrische Phase Ib/II Studie mit oral verabreichtem HDM201 in Kombination mit oral verabreichtem LEE011 bei adulten Liposarkom-Patienten.

cHDM2012103: Study to Determine and Evaluate a Safe and Tolerated Dose of HDM201 in Patients With Selected Advanced Tumors That Are TP53wt

PLX108-10 ENLIVEN Doppelblinde, randomisierte, placebokontrollierte Phase-III-Studie zu oral verabreichtem PLX3397 bei Probanden mit pigmentierter villonodulärer Synovialitis oder tenosynovialen Riesenzelltumor (LKP Deutschland)

BMS CA224-020 A Phase 1/2a Dose Escalation and Cohort Expansion Study of the Safety, Tolerability, and Efficacy of Anti-LAG-3 Monoclonal Antibody (BMS-986016) Administered Alone and in Combination with Anti-PD-1 Monoclonal Antibody (Nivolumab, BMS-936558) in Advanced Solid Tumors (LKP Deutschland)

SAKK 56 First-line therapy of metastatic GIST with dasatinib

EORTC 62024: Intermediate and high risk localized, completely resected, gastrointestinal stromal tumors (GIST) expressing KIT receptor: a controlled randomized trial on adjuvant imatinib mesylate (Glivec) versus no further therapy after complete surgery

CGM097 A Phase I, open-label, multi-center, dose escalation study of oral CGM097, a p53/HDM2-interaction inhibitor, in adult patients with selected advanced solid tumors.

CMEK162X2203 A phase Ib/II, open-label, multicenter study of AEB071 (PKC-inhibitor) and MEK162 (MEK-inhibitor) in adult patients with metastatic uveal melanoma.

TRC112765 Safety and Efficacy Study for Solid Tumor Patients Treated With Eltrombopag

I5B-MC-JGDR Phase-Ib-Studie zu Olaratumab, Doxorubicin und Ifosfamid beim fortgeschrittenen oder Weichteilsarkom

“Phase I study of adjuvant immunization with MAGE peptides in patients with resected stage I of stage II non-small cell lung cancer”

Local PI for clinical trials

rEECur: International randomised controlled trial of chemotherapy for the treatment of recurrent and primary refractory ewing sarcoma.

BRIGHTLINE: A Study to Compare BI 907828 With Doxorubicin in People With a Type of Cancer Called Dedifferentiated Liposarcoma

NCT-PMO-1601: Randomized phase II study of trabectedin/olaparib compared to physicians choice in subjects with previously treated advanced or recurrent solid tumors harboring DNA repair deficiencies.

EPAZ: A Trial Comparing Two Medications as First Treatment in Elderly Patients With Metastatic or Advanced Soft Tissue Sarcoma

MEDISARC: Durvalumab and Tremelimumab Compared to Doxorubicin in Patients With Advanced or Metastatic Soft Tissue Sarcoma

NCT03110744: CDK4/6 Inhibition in Locally Advanced/Metastatic Chordoma

SSGXXII Randomized Phase III testing imatinib for 3 or 5 years in high risk GIST

EVA (GISG-06) EVA (evaluation of vortrient in angiosarcoma): einarmige, multizentrische offene Phase-II-Studie zur Überprüfung der Wirksamkeit der Kombination von Paclitaxel mit Pazopanib bei fortgeschrittenen und rezidierten Angiosarkomen

PAGIST Pazopanib in Advanced Gastrointestinal Stromal Tumors Refractory to Imatinib and Sunitinib

AEGIS Open Label, Dose Escalation Trial of Oral Eg5 Kinesin-spindle Inhibitor 4SC-205 in Patients With Advanced Malignancies

EPAZ “A randomized phase II trial comparing pazopanib with doxorubicin as first line treatment in elderly patients with metastatic or advanced soft tissue sarcoma”

E7389-G000-309 „A randomized, open-label, multicenter, phase III study to compare the efficacy and safety of ericulin with dacarbazine in subjects with soft tissue sarcomas“.

DOVIGIST Phase II trial to evaluate the efficacy and safety of Dovitinib (TKI258) in patients with gastrointestinal stromal tumors refractory and/or intolerant to imatinib

A Study of **IMC-3G3** in Previously Treated Patients With Unresectable and/or Metastatic Gastrointestinal Stromal Tumors

CSTI571BDE78T “Prospective, explorative trial for the detection of circulating cellfree tumor DNA in the plasma of patients with gastrointestinal stromal tumors (GIST) harboring activating

mutations of CKIT or PDGFRA pre/post surgery or pre/under treatment with a tyrosine kinase inhibitor or progressive disease irrespective of current or planned treatment"

CAMN107G2301 "A randomised, open label, multi-center phase III study to evaluate the efficacy and safety of nilotinib in adult patients with unresectable or metastatic GIST

CAMN107DDE05 "An open-label, multi-center study to evaluate the efficacy of nilotinib in adult patients with gastrointestinal stromal tumors resistant to imatinib and sunitinib"

AP23573-07-302 "A pivotal trial to determine the efficacy and safety of AP23573 when administered as maintenance therapy to patients with metastatic soft-tissue or bone sarcomas "

Desmoid 394-10 "Phase II study to evaluate Glivec (Imatinib Mesylate) to induce progression arrest in aggressive fibromatosis / desmoids tumors not amenable to surgical resection with R0 intent or accompanied by unacceptable function loss."

ET-C-002-07: "A Randomized, Multicenter, Phase III Trial of Trabectedin (Yondelis®) versus Doxorubicin-based Chemotherapy as First-Line Therapy in Patients with Translocation-Related Sarcomas (TRS)

EWING 2008: "Treatment optimization trial in primary and metastatic Ewing Sarcoma Family Tumors"

CSTI571JDE74: „An open-label, multicenter, expanded access study of imatinib mesylate in adult patients with GIST in adjuvant setting after R0-resection"

EORTC62072: „A randomized double blind phase III trial of Pazopanib versus placebo in patients with soft tissue sarcoma whose disease has progressed during or following prior therapy"

CAMN107A2201: „A randomized, open-label, multi center study to evaluate the efficacy of nilotinib versus best supportive care with or without a tyrosine kinase inhibitor (investigator's choice) in adult patients with gastrointestinal stromal tumors resistant to both imatinib and sunitinib"

CRAD001C2454: „Multicenter, single-arm, two-stage phase II trial of RAD001 (everolimus) with Glivec® in Glivec®-resistant patients with progressive GIST"

SSG XVIII: „Short (12 months) versus long (36 months) duration of adjuvant treatment with the tyrosinekinase inhibitor imatinib mesylate of operableGIST with a high risk for recurrence"

IPI-504-06: „A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study Evaluating the Efficacy and Safety of IPI-504 in Patients with Metastatic and/or Unresectable Gastrointestinal Stromal Tumors Following Failure of at Least Imatinib and Sunitinib"

EORTC62012: „Randomised trial of single agent doxorubicin versus doxorubicin plus ifosfamide in the first line treatment of advanced or metastatic soft tissue sarcoma"

EORTC62051: „Phase II study of E7389 administered as an IV infusion day 1 and 8 every 3 weeks in pretreated patients with advanced and/or metastatic soft tissue sarcomas"

AIO-Studie: „Randomisierte Phase II-Studie von Trofosamid versus Adriamycin bei älteren Patienten mit unvorbehandeltem metastasiertem Weichteilsarkom"

AIO-Studie: „Phase II Studie zu Pemetrexed bei vorbehandelteten Weichteilsarkomen"

EORTC 62061: "Randomized phase II study of brostallicin versus doxorubicin as first line chemotherapy in patients with advanced or metastatic soft tissue sarcoma"

EORTC-62006: „Exatecan as second-line treatment in advanced soft tissue sarcoma"

EORTC-62961: „Randomized study comparing neoadjuvant chemotherapy +/- regional hyperthermia in the treatment of high-risk soft tissuesarcomas in adults"

EORTC-62931: „Randomized trial of adjuvant chemotherapy with high-dose doxorubicin, ifosfamide and lenograstim in high grade soft tissue sarcoma”

EORTC-62981: „Euro-Ewing (European Ewingtumour working initiative of national groups) 99 study“

CSTI571BDE08: „Open-label phase III trial with STI571 in patients with inoperable or metastasized gastrointestinal stromal tumors with expression of CD117”

ND029902 S: „A phase II study with MEN 10755 in patients with advanced or metastatic soft tissue sarcoma (MAC-01) ”

Publications

ORCID ID: <https://orcid.org/0000-0001-5949-8120>

Year	Authors	Title	Journal	IF
2023	Hindi N, Razak A, Rosebaum E, Jonczak E, Hamacher R, Rutkowski P, Bhadri VA, Skryd A, Brahmi M, Alshibany A, Jagodzinska-Mucha P, Bauer S , Connolly E, Gelderblom H, Boye K, Henon C, Bae S, Bogefors K, Vincenzi B, Martinez-Trufero J, Lopez-Martin JA, Redondo A, Valverde C, Blay JY, Moura DS, Gutierrez A, Tap W, Martin-Broto J.	Efficacy of immune checkpoint inhibitors in alveolar soft-part sarcoma: results from a retrospective worldwide registry.	ESMO Open. 2023 Nov 27;8(6):102045	5.3
2023	Koch R, Haveman L, Ladenstein R, Brichard B, Juergens H, Cyprová S, van den Berg H, Hassenpflug W, Raciborska A, Ek T, Baumhoer D, Egerer G, Kager L, Renard M, Hauser P, Burdach S, Bovee JVMG, Hong AM, Reichardt P, Kruseova J, Streitbürger A, Kühne T, Kessler T, Bernkopf M, Butterfaß-Bahloul T, Dhooge C, Bauer S , Kiss J, Paulussen M, Bonar F, Ranft A, Timmermann B, Rascon J, Vieth V, Kanerva J, Faldum A, Hartmann W, Hjorth L, Bhadri VA, Metzler M, Gelderblom H, Dirksen U.	Zoledronic acid add-on therapy for standard-risk Ewing sarcoma patients in the Ewing 2008R1 trial.	Clin Cancer Res. 2023 Oct 16.	13.8
2023	Collaud S, Stork T, Kaman H, Bauer S , Pöttgen C, Schildhaus HU, Schmack B, Aigner C.	Giant middle mediastinal lesions: when tumor size correlates with mesenchymal origin-a retrospective single-center analysis.	Mediastinum. 2023 Aug 15;7:24.	0.6
2023	Grapatsas K, Dörr F, Menghesha H, Schuler M, Grünwald V, Bauer S , Schmidt HH, Lang S, Kimmig R, Kasper S, Baldes N, Bölükbas S.	New Prognostic Score (Essen Score) to Predict Postoperative Morbidity after Resection of Lung Metastases.	Cancers (Basel). 2023 Sep 1;15(17):4355	5.2
2023	Blay JY, von Mehren M, Jones RL, Martin-Broto J, Stacchiotti S, Bauer S , Gelderblom H, Orbach D, Hindi N, Dei Tos A, Nathenson M.	Synovial sarcoma: characteristics, challenges, and evolving therapeutic strategies.	ESMO Open. 2023 Oct;8(5):101618	5.3
2023	Gelderblom H, Jones RL, Blay JY, George S, von Mehren M, Zalcborg JR, Kang YK, Razak AA, Trent J, Attia S, Le Cesne A, Siontis BL, Goldstein D, Boye K, Sanchez C, Steeghs N, Rutkowski P, Druta M, Serrano C, Somaiah N, Chi P, Harrow B, Becker C, Reichmann W, Sherman ML, Ruiz-Soto R, Heinrich MC, Bauer S	Patient-reported outcomes and tolerability in patients receiving ripretinib versus sunitinib after treatment with imatinib in INTRIGUE, a phase 3, open-label study.	Eur J Cancer. 2023 Oct;192:113245.	10
2023	Proteogenomic analysis reveals RNA as a source for tumor-agnostic neoantigen identification.	Tretter C, de Andrade Krätzig N, Pecoraro M, Lange S, Seifert P, von Frankenberg C, Untch J, Zuleger G, Wilhelm M, Zolg DP, Dreyer FS, Bräunlein E, Engleitner T, Uhrig S, Boxberg M, Steiger K, Slotta-Huspenina J, Ochsenreither S, von Bubnoff N, Bauer S , Boerries M, Jost PJ, Schenck K, Dresing I, Bassermann F, Friess H, Reim D, Grützmann K, Pfütze K, Klink	Nat Commun. 2023 Aug 2;14(1):4632	16.6

		B, Schröck E, Haller B, Kuster B, Mann M, Weichert W, Fröhling S, Rad R, Hiltensperger M, Krackhardt AM.		
2023	Bauer S, Larkin J, Hodi FS, Stephen F, Kapiteijn EHW, Schwartz GK, Calvo E, Yerramilli-Rao P, Piperno-Neumann S, Carvajal RD.	A phase Ib trial of combined PKC and MEK inhibition with sotrastaurin and binimetinib in patients with metastatic uveal melanoma.	Front Oncol. 2023 Jun 9;12:975642	4.7
2023	Kerkhoff M, Grunewald S, Schaefer C, Zöllner SK, Plaumann P, Busch M, Dünker N, Ketzer J, Kersting J, Bauer S , Harges J, Streitbürger A, Dirksen U, Hartmann W, Guder WK.	Evaluation of the Effect of Photodynamic Therapy on CAM-Grown Sarcomas.	Bioengineering (Basel). 2023 Apr 11;10(4):464	4.6
2023	Warnecke E; Salvador Comino MR; Kocol D; Hosters B; Wiesweg M; Bauer S ; Welt A; Heinzlmann A; Müller S; Schuler M, Teufel M, Tewes M	Electronic Patient-Reported Outcome Measures (ePROMs) Improve the Assessment of Underrated Physical and Psychological Symptom Burden among Oncological Inpatients.	Cancers 2023 Jun 1;15(11):3029	6.6
2023	manuela Palmerini; John H Healey; Nicholas M Bernthal; Sebastian Bauer ; Hendrik Schreuder; Andreas Leithner; Javier Martin-Broto; Francois Gouin; Julio Lopez-Bastida; Hans Gelderblom, Eric Staals, Florence Mercier, Petra Laeis, Xin Ye, Michiel van des Sande	Tenosynovial Giant Cell Tumor Observational Platform Project (TOPP) Registry: A 2-Year Analysis of Patient-Reported Outcomes and Treatment Strategies	Oncologist 28, Issue 6, June 2023, Pages e425–e435	5.8
2023	Patel N; Pokras S; Ferma J; Casey V; Manuguid F; Culver K; Bauer S	Treatment patterns and outcomes in patients with metastatic synovial sarcoma in France, Germany, Italy, Spain and the United Kingdom	Future Oncology 2023 May 4	3.7
2023	Serrano C; Bauer S ; Gómez-Peregrina D; Kang YK; Jones RL; Rutkowski P; Mir O; Heinrich MC; Tap WD; Newberry K, Grassian A, Shi H, Bialick S, George S	Circulating tumor DNA analysis of the phase III VOYAGER trial: KIT mutational landscape and outcomes in patients with advanced gastrointestinal stromal tumor treated with avapritinib or regorafenib.	Ann Oncol Volume 34, Issue 7, July 2023, Pages 615-625	51.8
2023	Joensuu H; Wardelmann E; Eriksson M; Reichardt A; Sundby Hall K; Schütte J; Cameron S; Hohenberger P; Sihto H; Jost PJ, Lindner LH, Bauer S , Reichardt P	KIT And PDGFRA Mutations And Survival of Gastrointestinal Stromal Tumor Patients Treated With Adjuvant Imatinib in a Randomized Trial.	Clin Cancer Res . 2023 Apr 4;CCR-22-3980	13.8
2023	Hamacher R; Lanzafame H; Mavroei IA; Pabst KM; Kessler L; Cheung PF; Bauer S ; Herrmann K; Schildhaus HU; Siveke JT, Fendler WP	Fibroblast Activation Protein Inhibitor Theranostics: The Case for Use in Sarcoma.	PET Clinics	2.2
2023	Württemberg J; Ripperger T; Vokuhl C; Bauer S; Teichert-von Lüttichau I; Wardelmann E; Niemeyer C; Kratz CP; Schlegelberger B; Hettmer S	Genetic susceptibility in children, adolescents, and young adults diagnosed with soft-tissue sarcomas.	European Journal of Medical Genetics	2
2023	Stacchiotti S, Dürr HR, Schaefer IM, Woertler K, Haas R, Trama A, Caraceni A, Bajpai J, Baldi GG, Bernthal N, Blay JY, Boye K, Broto JM, Chen WT, Dei Tos PA, Desai J, Emhofer S, Eriksson M, Gronchi A, Gelderblom H, Harges J, Hartmann W, Healey J, Italiano A, Jones RL, Kawai A, Leithner A, Loong H, Mascard E, Morosi C, Otten N, Palmerini E, Patel SR, Reichardt P, Rubin B, Rutkowski P, Sangalli C, Schuster K, Seddon BM, Shkodra M, Staals EL, Tap W, van de Rijn M, van Langevelde K,	Best clinical management of tenosynovial giant cell tumour (TGCT): A consensus paper from the community of experts.	Cancer Treat Rev. 2023 Jan;112:102491	11.8

	Vanhoenacker FMM, Wagner A, Wiltink L, Stern S, Van de Sande VM, Bauer S.			
2022	Bernthal NM; Healey JH; Palmerini E; Bauer S ; Schreuder H; Leithner A; Martin-Broto J; Gouin F; Lopez-Bastida J; Gelderblom	A prospective real-world study of the diffuse-type tenosynovial giant cell tumor patient journey: A 2-year observational analysis.	Journal of Surgical Oncology J Surg Oncol. 2022 Dec 15; 126(8): 1520–1532.	3.5
2022	Hoffmeister P; Mock A; Nichetti F; Korell F; Heilig CE; Scherr AL; Günther M; Albrecht T; Kelmendi E; Xu K, ..., Bauer S , ..., Köhler B.	Bcl-xL as prognostic marker and potential therapeutic target in cholangiocarcinoma	Liver Int . 2022 Dec;42(12):2855-2870	8.8
2022	Jahn A; Rump A; Widmann TJ; Heining C; Horak P; Hutter B; Paramasivam N; Uhrig S; Gieldon L; Drukewitz S, ..., Bauer S, ..., Klink B.	Comprehensive cancer predisposition testing within the prospective MASTER trial identifies hereditary cancer patients and supports treatment decisions for rare cancers.	Ann Onc 18 Aug 2022, 33(11):1186-1199	51.8
2022	Luca Alatzides G; Luisa Steinberg H; Schildhaus HU; Hamacher R; Kathes M; Grueneisen J; Treckmann J; Bauer S; Umutlu L; Schaarschmidt B	Is preoperative CT-guided biopsy a valuable tool in the diagnostic workup of patients with visceral and retroperitoneal sarcoma?	Eur J Radiol . 2022 Oct;155:110470	6.0
2022	Stacchiotti S; Dürr HR; Schaefer IM; Woertler K; Haas R; Trama A; Caraceni A; Bajpai J; Baldi GG; Bernthal N, ... Chen WT, Bauer S.	Best clinical management of tenosynovial giant cell tumour (TGCT): A consensus paper from the community of experts.	Cancer treatment reviews 2023 Jan;112:102491	13.6
2022	Lazaridis L; Schmidt T; Oster C; Blau T; Pierscianek D; Siveke JT; Bauer S; Schildhaus HU; Sure U; Keyvani K	Precision neuro-oncology: a pilot analysis of personalized treatment in recurrent glioma.	J Cancer Res Clin Oncol (2022).	3.9
2022	Fendler WP; Pabst KM; Kessler L; Fragoso Costa P; Ferdinandus J; Weber M; Lippert M; Lueckerath K; Umutlu L; Kostbade K, ..., Bauer S, Hamacher R	Safety and efficacy of 90Y-FAPI-46 radioligand therapy in patients with advanced sarcoma and other cancer entities.	Clin Cancer Res . 2022 Oct 3;28(19):4346-4353	13.8
2022	Janku F; Bauer S; Shoumariyeh K; Jones RL; Spreafico A; Jennings J; Psoinos C; Meade J; Ruiz-Soto R; Chi P	Efficacy and safety of ripretinib in patients with KIT-altered metastatic melanoma.	ESMO open	6.8
2022	Heilig CE; Laßmann A; Mughal SS; Mock A; Pirmann S; Teleanu V; Renner M; Andresen C; Köhler BC; Aybey B, Bauer S, ..., Fröhling S	Gene expression-based prediction of pazopanib efficacy in sarcoma.	Eur J Cancer . 2022 Sep;172:107-118	10
2022	Scheer M; Hallmen E; Vokuhl C; Fuchs J; Tunn PU; Münter M; Timmermann B; Bauer S; Henssen AG; Kazanowska B	Pre-operative radiotherapy is associated with superior local relapse-free survival in advanced synovial sarcoma.	Journal of cancer research and clinical oncology	4.3
2022	Pantaleo MA; Heinrich MC; Italiano A; Valverde C; Schöffski P; Grignani G; Reyners AKL; Bauer S; Reichardt P; Stark D, Berhanu G, Brandt U, Gelderblom H.	A multicenter, dose-finding, phase 1b study of imatinib in combination with alpelisib as third-line treatment in patients with advanced gastrointestinal stromal tumor.	BMC Cancer	4.4
2022	Lee CJ; Modave E; Boeckx B; Kasper B; Aamdal S; Leahy MG; Rutkowski P; Bauer S; Debiec-Rychter M; Sciort R, ..., Schöffski P.	Correlation of Immunological and Molecular Profiles with Response to Crizotinib in Alveolar Soft Part Sarcoma: An Exploratory Study Related to the EORTC 90101 "CREATE" Trial.	International Journal of Molecular Sciences	6.2
2022	Sharma AK; Kim TS; Bauer S; Sicklick JK	Gastrointestinal Stromal Tumor: New Insights for a Multimodal Approach.	Surgical oncology clinics of North America	3.0
2022	Stork T; Hegedüs B; Guder W; Hamacher R; Harges J; Kathes M; Plönes T; Pöttgen C; Schildhaus HU; Streitbürger A, Treckmann J, Bauer S, Aigner C, Collaud S	Prognostic Factors for Leiomyosarcoma with Isolated Metastases to the Lungs: Impact of Metastasectomy.	Annals of Surgical Oncology	5.3

2022	Koch R; Gelderblom H; Haveman L; Brichard B; Jürgens H; Cyprova S; van den Berg H; Hassenpflug W; Raciborska A; Ek T, Baumhoer, Egerer G, Eich HT, Dirksen U.	High-Dose Treosulfan and Melphalan as Consolidation Therapy Versus Standard Therapy for High-Risk (Metastatic) Ewing Sarcoma.	Journal of Clinical Oncology	50.7
2022	Worawongsakul R; Steinmeier T; Lin YL; Bauer S; Harges J; Hecker-Nolting S; Dirksen U; Timmermann B	Proton Therapy for Primary Bone Malignancy of the Pelvic and Lumbar Region - Data From the Prospective Registries ProReg and KiProReg.	Frontiers in Oncology	6.2
2022	Schaarschmidt BM; Slama A; Collaud S; Okumus Ö; Steinberg H; Bauer S; Schildhaus HU; Theysohn J; Aigner C	Reversible occlusion of the pulmonary vasculature by transarterial embolisation with degradable starch microspheres: preclinical assessment in a human isolated lung perfusion model.	European Radiology Experimental	3.8
2022	Sebastian Bauer; Michael C. Heinrich; Suzanne George; John R. Zalcberg; César Serrano; Hans Gelderblom; Robin L. Jones; Steven Attia; Gina D'Amato; Ping Chi et al.	Clinical Activity of Ripretinib in Patients with Advanced Gastrointestinal Stromal Tumor Harboring Heterogeneous KIT/PDGFR Mutations in the Phase III INVICTUS Study	Clinical Cancer Research	13.8
2022	Vincenzi B; Napolitano A; Fiocco M; Mir O; Rutkowski P; Blay JY; Reichardt P; Joensuu H; Fumagalli E; Gennatas S, ..., Bauer S, Casali P.	Adjuvant imatinib in GIST patients harboring exon 9 KIT mutations: results from a multi-institutional European retrospective study.	Clin Cancer Res (2022) 28 (8): 1672–1679.	13.8
2022	Borchert S; Herold T; Kalbourtzis S; Hamacher R; Krause Y; Berger S; Guder WK; Streitbuerger A; Harges J; Goetz M, Bauer S, Schildhaus HU	Transcriptome-Wide Gene Expression Profiles from FFPE Materials Based on a Nuclease Protection Assay Reveals Significantly Different Patterns between Synovial Sarcomas and Morphologic Mimickers.	Cancers 2022, 14(19), 4737	6.6
2022	Falkenhorst J; Grunewald S; Krzeczesa D; Herold T; Ketzler J; Christoff M; Hamacher R; Kostbade K; Treckmann J; Köster J	Plasma Sequencing for Patients with GIST-Limitations and Opportunities in an Academic Setting.	Cancers 2022, 14(22), 5496	6.6
2022	Sebastian Bauer; Robin L. Jones; Jean-Yves Blay; Hans Gelderblom; Suzanne George; Patrick Schöffski; Margaret von Mehren; John R. Zalcberg; Yoon-Koo Kang; Albiruni Abdul Razak	Ripretinib Versus Sunitinib in Patients With Advanced Gastrointestinal Stromal Tumor After Treatment With Imatinib (INTRIGUE): A Randomized, Open-Label, Phase III Trial	Journal of Clinical Oncology 40, no. 34 (December 01, 2022) 3918-3928.	50.7
2022	Schöffski P; George S; Heinrich MC; Zalcberg JR; Bauer S ; Gelderblom H; Serrano C; Jones RL; Attia S; D'Amato G, ..., von Mehren M	Patient-reported outcomes in individuals with advanced gastrointestinal stromal tumor treated with ripretinib in the fourth-line setting: analysis from the phase 3 INVICTUS trial.	BMC Cancer 2022 Dec 13;22(1):1302	4.4
2022	Eytan M. Stein; Daniel J. DeAngelo; Jörg Chromik; Manik Chatterjee; Sebastian Bauer ; Chia-Chi Lin; Cristina Suarez; Filip de Vos; Neeltje Steeghs; Philippe A. Cassier	Results from a First-in-Human Phase I Study of Siremadlin (HDM201) in Patients with Advanced Wild-Type TP53 Solid Tumors and Acute Leukemia	Clin Cancer Res . 2022 Mar 1;28(5):870-881. doi: 10.1158/1078-0432.CCR-21-1295.	13.8
2022	Albiruni R. Abdul Razak; Sebastian Bauer ; Cristina Suarez; Chia-Chi Lin; Richard Quek; Marie Luise Hütter-Krönke; Ricardo Cubedo; Stephane Ferretti; Nelson Guerreiro; Astrid Jullion, Philippe Cassier	Co-Targeting of MDM2 and CDK4/6 with Siremadlin and Ribociclib for the Treatment of Patients with Well-Differentiated or Dedifferentiated Liposarcoma: Results from a Proof-of-Concept, Phase Ib Study	Clin Cancer Res . 2022 Mar 15;28(6):1087-1097.	13.8
2021	Strauss SJ; Frezza AM; Abecassis N; Bajpai J; Bauer S; Biagini R; Bielack S; Blay JY; Bolle S; Bonvalot S et al.	Bone sarcomas: ESMO-EURACAN-GENTURIS-ERNPaedCan Clinical Practice Guideline for diagnosis, treatment and follow-up.	Ann Oncol	51

2021	Casali PG; Blay JY; Abecassis N; Bajpai J; Bauer S; Biagini R; Bielack S; Bonvalot S; Boukovinas I; Bovee JVMG et al.	Gastrointestinal stromal tumours: ESMO-EURACAN-GENTURIS Clinical Practice Guidelines for diagnosis, treatment and follow-up.	Ann Oncol	51
2021	Kang YK, George S, Jones RL, Rutkowski P, ..., Heinrich M, Bauer S	Avapritinib Versus Regorafenib in Locally Advanced Unresectable or Metastatic Gastrointestinal Stromal Tumor: A Randomized, Open-label Phase III Study	Journal of Clinical Oncology, in press	33
2021	Bauer S, Demetri GD, Halilovic E, Dummer R, Meille C, Tan DSW, Guerreiro N, Jullion A, Ferretti S, Jeay S, van Bree L, Hourcade-Potelleret F, Wuerthner JU, Fabre C, Cassier PA	Pharmacokinetic-pharmacodynamic guided optimisation of dose and schedule of CGM097, an HDM2 inhibitor, in preclinical and clinical studies	Br J Cancer 2021 Jun 17. doi: 10.1038/s41416-021-01444-4	5,8
2021	Horak P, Heining C, Kreuzfeldt S, Hutter B, Mock A, Hullein J, ..., Bauer S, ..., Fröhling S	Comprehensive Genomic and Transcriptomic Analysis for Guiding Therapeutic Decisions in Patients with Rare Cancers	Cancer Discov 2021 Jun 10; candisc.0126.2021.	29
2021	Stacchiotti S, Miah AB, Frezza AM, Messiou C, Morosi C, Caraceni, Antonescu CR, Bajpai J, Baldini E, Bauer S, ..., Gronchi A	Epithelioid hemangioendothelioma, an ultra-rare cancer: a consensus paper from the community of experts	ESMO Open . 2021 Jun 2;6(3):100170.	5,3
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2021	Collaud S, Stork T, Dirksen U, Pöttgen C, Hegedüs B, Schildhaus HU, Bauer S; Aigner C	Surgical Treatment for Primary Chest Wall Sarcoma: A Single-Institution Study	J Surg Res . 2021 Apr;260:149-154	2,2
2021	Stork T, Boemans R, Harges J, Streitbürger A, Dirksen U, Pöttgen C, Schildhaus HU, Bauer S, Collaud S, Aigner C	Number of metastases and their response to chemotherapy impact survival of patients with isolated lung metastases from bone-derived sarcoma	BMC Cancer . 2021 Apr 7;21(1):375	3,2
2021	Pink D, Andreou D, Bauer S, Brodowicz T, Kasper B, Reichardt P, Richter S, Lindner LH, Szkandera J, Gründwald V, Kebenko M, Kirchner M, Hohenberger P	Treatment of Angiosarcoma with Pazopanib and Paclitaxel: Results of the EVA (Evaluation of Votrient® in Angiosarcoma) Phase II Trial of the German Interdisciplinary Sarcoma Group (GISG-06)	Cancers (Basel) . 2021 Mar 11;13(6):1223	6,1
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2021	Schaefer IM, Lundberg MZ, Demicco EG, Przybyl J, Matusiak M, Chibon F, Ingram DR, Hornick JL, Wang WL, Bauer S; Baker LH, Lazar AJ, van de Rijn M, Marino-Enriquez A, Fletcher JA	Relationships between highly recurrent tumor suppressor alterations in 489 leiomyosarcomas	Cancer . 2021 Mar 31. doi: 10.1002/cncr.33542	5,7
2021	Zöllner SK, Amatruda J, Bauer S, Collaud S; de Alava E, DuBois SG, Harges J, Hartmann W, Kovar H, Metzler M, Shulman DS, Streitbürger A, Timmermann B, Toretzky JA, Uhlenbruch Y, Vieth V, Grünewald TGP, Dirksen U	Ewing Sarcoma-Diagnosis, Treatment, Clinical Challenges and Future Perspectives	J Clin Med . 2021 Apr 14;10(8):1685	1,9
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2021	Jones RL, Serrano C, von Mehren M, George S, Heinrich MC, Kang YK, Schöffski P, Cassier PA, Mir O, Chawla SP, Eskens FALM, Rutkowski P, Tap WD, Zhou T, Roche M, Bauer S.	Avapritinib in unresectable or metastatic PDGFRA D842V-mutant gastrointestinal stromal tumours: Long-term efficacy and safety data from the NAVIGATOR phase I trial.	Eur J Cancer. 2021 Jan 15;145:132-142	6,7
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2020	Albrecht M, Hadaschik E, Zimmer L, Livingstone E, Hamacher R, Bauer S, Schadendorf D, Ugurel S	[Cutaneous angiosarcoma clinically presenting as Quincke's edema	Hautarzt. 2021 Jan 13	1
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2020	Evaluation of 18F-FDG PET and DWI datasets for the prediction of therapy response of soft tissues sarcomas under neoadjuvant isolated limb perfusion. Chodyla M, et al. Among authors: bauer s.	Chodyla M, Demircioglu A, Schaarschmidt B, Bertram S, Bruckmann NM, Haferkamp J, Li Y, Bauer S, Podleska L, Rischpler C, Forsting M, Herrmann K, Umutlu L, Grueneisen J.	J Nucl Med. 2020. PMID: 32737246	8
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2020	Targeting Her2-insYVMA with Covalent Inhibitors-A Focused Compound Screening and Structure-Based Design Approach. Lategahn J, et al. Among authors: bauer s. J Med Chem. 2020. PMID: 32931277	Lategahn J, Hardick, J, Grabe T, Niggenaber J, Jeyakumar K, Keul M, Tumbrink HL, Becker C, Hodson L, Kirschner T, Klöveborn P, Ketzner J, Baumann M, Terheyden S, Unger A, Weisner J, Müller M, van Otterlo WAL, Bauer S , Rauh D	J Med Chem. 2020. PMID: 32931277	6
2020	Randomized Comparison of Pazopanib and Doxorubicin as First-Line Treatment in Patients With Metastatic Soft Tissue Sarcoma Age 60 Years or Older: Results of a German Intergroup Study	Grünwald V, Karch A, Schuler M, Schöffski P, Kopp HG, Bauer S; Kasper B, Lindner LH, Chemnitz JM, Crysandt M, Stein A, Steffen B; Richter S, Egerer	J Clin Oncol 2020 Oct 20;38(30):3555-3564	33

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2020	Blay JY, Serrano C, Heinrich M, Zalberg J, Bauer S , Gelderblom H, Schöffski P, Jones RL, Attia S, D'Amato G, Chi P, Reichardt P, Meade J, Shi K, Ruiz-Soto R, George S, von Mehren M	Ripretinib in patients with advanced gastrointestinal stromal tumor (GIST): a randomized, double-blind, placebo-controlled phase 3 study (INVICTUS)	Lancet Oncology, online first	35
2020	Heinrich M, Jones RL, von Mehren M, Schöffski P, Serrano C, Kang YK, Cassier PA, Mir O, Eskens F, Tap WD, Rutkoski P, Chawla SP, Trent J, Tugnait M, Evans EK, Lauz T, Zhou T, Roche M, Wolf BB, Bauer S* , George S* (*shared senior)	Avapritinib, a selective PDGFRA D842V inhibitor for gastrointestinal stromal tumor (GIST)	Lancet Oncology, online first	35
2020	Collaud S, Stork T, Schildhaus HU, Pöttgen C, Plönes T, Valdivia D, Zaatar M, Dirksen U, Bauer S, Aigner C.	Multimodality treatment including surgery for primary pulmonary sarcoma: Size does matter.	J Surg Oncol. 2020 May 14. doi: 10.1002/jso.25979. [Epub ahead of print]	3,2
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CASE reports

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