

EuSARC 2019	
Thursday 30.05.2019	
18:00 – 18:15	Opening & Organizational aspects (Heymann, Baldini, Grünewald)
18:15 – 19:30	Keynote lecture Javier Garcia Castro, <i>Instituto de Salud Carlos III, Madrid, Spain</i> “The beginning and the end of osteosarcomas”
19:30 – 20:30	Welcome cocktail & buffet
Friday 31.05.2019	
Session 1 Basic mechanisms I 8:10 – 10:00 Chair: Thomas Grünewald Co-chair: Marcel Trautmann	8:10 – 8:40 Invited lecture Ana Banito, <i>German Cancer Research Center (DKFZ), Germany</i> “Genetic and epigenetic mechanisms of sarcoma development” 8:40 – 9:00 Talk 1 Marcel Trautmann, <i>Gerhard-Domagk-Institute, Münster, Germany</i> “Aberrant YAP1 signaling in myxoid liposarcoma” 9:00 – 9:20 Talk 2 Agamemnon Grigoriadis, <i>King’s College London, UK</i> “FGFR and mTOR signaling cooperate in osteosarcoma pathogenesis and metastasis” 9:20 – 09:40 Talk 3 Kristina Schiavone, <i>University of Sheffield, UK</i> “Contribution of interleukin-34 in inflammation and osteosarcoma” 9:40 – 10:00 Talk 4 Thomas Grünewald, <i>Institute of Pathology, LMU Munich, Germany</i> “Oncogenic hijacking of a developmental transcription factor evokes therapeutic vulnerability for ROS-induction in Ewing sarcoma”
10:00 – 10:20	Coffee break
Session 2 Basic mechanisms II 10:20 – 12:10 Chair: Sofia Avnet Co-chair: Florencia Cidre-Aranaz	10:20 – 10:50 Invited lecture Benjamin Ory, <i>University of Nantes, France</i> "Implication of super-enhancers in osteosarcoma development" 10:50 – 11:10 Talk 1 Julia Visgauss, <i>Duke University Medical Center, Durham, NC, USA</i> “Molecular drivers of metastasis in chondrosarcoma: alterations in NFkappaB offer a potential therapeutic target” 11:10 – 11:30 Talk 2 Sofia Avnet, <i>Istituto Ortopedico Rizzoli - University of Bologna, Italy</i> “Acid-induced sphingolipid-dependent metabolism is a major cause of resistance to apoptosis and increased aggressiveness in osteosarcoma” 11:30 – 11:50 Talk 3 Gemma Di Pompo, <i>Istituto Ortopedico Rizzoli - University of Bologna, Italy</i> “The role of innervation in osteosarcoma” 11:50 – 12:10 Talk 5 Raimo Tanzi, <i>Menarini Silicon Biosystems, Castel Maggiore, Italy</i> “DEPArray™ digital cell sorting to improve genetic analysis of rare tumor cells”

12:15 – 13:30	Lunch
Session 3 Sarcoma heterogeneity & innovative biomarkers 13:40 – 15:30 Chair: Agamemnon Grigoriadis Co-chair: Julia Visgauss	13:40 – 14:10 Invited lecture Eleni Tomazou, <i>Children's Cancer Research institute, Vienna, Austria</i> "Epigenetic heterogeneity and tumor evolution in Ewing sarcoma" 14:10 – 14:30 Talk 1 Laura González-González, <i>Instituto de Salud Carlos III, Madrid, Spain</i> "Matrix Gla-Protein (MGP) downregulation is associated to poor prognosis in Ewing sarcoma" 14:30 – 14:50 Talk 2 Julian Musa, <i>Institute of Pathology, LMU Munich, Germany</i> "Cooperation of cancer drivers with regulatory germline variants shapes clinical outcomes" 14:50 – 15:10 Talk 3 Francesca Perut, <i>Istituto Ortopedico Rizzoli - University of Bologna, Italy</i> "Emerging roles of extracellular vesicles in osteosarcoma" 15:10 – 15:30 Talk 4 Manuela Krumbholz, <i>University Hospital Erlangen, Germany</i> "Genomic EWSR1 fusion sequences represent liquid biopsy marker in Ewing sarcoma"
15:30 – 16:45	Coffee break & Poster session & Sponsor microscope demo
16:45 – 17:00	Group photo
Session 4 Innovative therapies I 17:00 – 18:50 Chair: Nicola Baldini Co-chair: Maria Vela	17:00 – 17:30 Invited lecture Christian Koelsche, <i>University of Heidelberg, Germany</i> "DNA methylation-based classifier for accurate molecular diagnosis of sarcomas" 17:30 – 17:50 Talk 1 Miguel Pereira-Silva, <i>University of Coimbra, Portugal</i> "Nanomedicine in osteosarcoma therapy: micelleplexes and nanocomposites for co-delivery of nucleic acids and drugs for osteosarcoma targeting" 17:50 – 18:10 Talk 2 Shunya Ohmura, <i>Institute of Pathology, LMU Munich, Germany</i> "Overcoming chemo-resistance by targeting RRM2 in Ewing sarcoma" 18:10 – 18:30 Talk 3 Carolin Seeling, <i>Institute of Pathology, University of Ulm, Germany</i> "Targeting HOX-PBX causes cell death in recurrent sacral chordomas in vitro" 18:30 – 18:50 Talk 4 René Rodriguez, <i>Instituto de Investigación Sanitaria del Principado de Asturias, Oviedo, Spain</i> "Unraveling the role of SOX2 in sarcomagenesis"
20:00 – 23:00	Social dinner "Klosterwirt"

Saturday 01.06.2019	
<p>Session 5 Innovative therapies II 8:10 – 10:20</p> <p>Chair: Dominique Heymann</p> <p>Co-chair: Álvaro Morales-Molina</p>	<p>8:10 – 8:40 Invited lecture Marta M. Alonso, <i>University of Navarra, Pamplona, Spain</i> "Oncolytic immunoviruses for the treatment of pediatric osteosarcoma"</p> <p>8:40 – 9:00 Talk 1 Stefan Burdach, <i>Technical University of Munich (TUM), Germany</i> "Targeting metastasis in Ewing sarcoma with T cell receptor-based immunotherapy"</p> <p>9:00 – 9:20 Talk 2 Shabnam Shaabani, <i>University of Groningen, The Netherlands</i> "The PD1-PDL1 pathway and possible interventions beyond antibodies"</p> <p>9:20 – 9:40 Talk 3 Maria Vela, <i>Hospital La Paz Institute for Health Research (IdiPAZ), Madrid, Spain</i> "Memory T cells expressing an NKG2D-CAR efficiently target osteosarcoma cells"</p> <p>9:40 – 10:00 Talk 4 Álvaro Morales-Molina, <i>Instituto de Salud Carlos III, Madrid, Spain</i> "Comparative antitumor effect of oncolytic immunotherapy in osteosarcoma, renal cancer and melanoma"</p>
10:00 – 10:20	Coffee break
<p>Session 6 Innovative therapies III 10:40 – 12:10</p> <p>Session chair: Fernando Lecanda</p> <p>Session co-chair: Heathcliff Dorado-García</p>	<p>10:20 – 10:50 Invited lecture Nicola Baldini, <i>Istituto Ortopedico Rizzoli - University of Bologna, Italy</i> "Photodynamic therapies of sarcomas"</p> <p>10:50 – 11:10 Talk 1 Sebastian Schober, <i>Technical University of Munich (TUM), Germany</i> "YB-1-based oncolytic virotherapy in combination with CDK4/6 inhibitors against Ewing sarcoma"</p> <p>11:10 – 11:30 Talk 2 Heathcliff Dorado-García, <i>Charité University Berlin, Germany</i> "Synthetic lethal targeting of ATR in PAX3-FOXO1-driven rhabdomyosarcoma"</p> <p>11:30 – 11:50 Talk 3 Maria Vela, <i>Hospital La Paz Institute for Health Research (IdiPAZ), Madrid, Spain</i> "Combined immunotherapy treatment to prevent sarcoma metastasis"</p> <p>11:50 – 12:10 Talk 3 Yvonne Versleijen-Jonkers, <i>Radboudumc, Nijmegen, The Netherlands</i> "Combination treatment directed against focal adhesion kinase (FAK) and SRC in desmoplastic small round cell tumors and rhabdomyosarcomas"</p> <p>12:10 – 12:15 Farewell notes & Outlook to EuSARC 2020</p>
12:15 – 13:30	Lunch & Departure

Abstracts selected for poster presentation (Friday 31.05.2019 15:30 – 16:45)

Merve Kasan, *Institute of Pathology, LMU Munich, Germany*

“Analysis of (epi)genetic, transcriptional, and phenotypic evolution of pediatric translocation-positive sarcoma cell lines”

Claudia Madrigal-Esquivel, *University of Sheffield, UK*

“VEGFA isoform switching in soft tissue sarcoma is associated with decreased survival”

Nada AL Shaaili, *University of Sheffield, UK*

“Characterisation of mesenchymal gene expression in undifferentiated pleomorphic sarcoma”

Luigi Falzetti, *Istituto Ortopedico Rizzoli - University of Bologna, Italy*

“Early recognition of bone mineral density reduction in young patients with bone sarcomas using chest computed tomography scans”

Martin Distel, *Children's Cancer Research institute, Vienna, Austria*

“A cross-species enhancer activity analysis approach to identify the Ewing sarcoma cell-of-origin”

Silvia Lemma, *Istituto Ortopedico Rizzoli - University of Bologna, Italy*

“Mesenchymal stromal cells promote pulmonary metastasis of osteosarcoma in response to tumor acidosis”

Florencia Cidre-Aranaz, *Institute of Pathology, LMU Munich, Germany*

“Harnessing systems biology to identify therapeutic vulnerabilities in Ewing sarcoma”

Snehadri Sinha, *Department of Oral and Maxillofacial Diseases, University of Helsinki, Finland*

“Epigenetic alterations in Mesenchymal Stem Cells by osteosarcoma-derived extracellular vesicles”