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Units

Medizinische Onkologie und Hämatologie

Publications (20)

Besse A, Sedlarikova L, Büchler L, Kraus M, Yang C, Strakova N, Soucek K, Navratil J, Svoboda M, Welm A, Jörger M, Driessen C, Besse L. HIV-protease inhibitors potentiate the activity of carfilzomib in triple-negative breast cancer. *Br J Cancer* 2024

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Besse L, Besse A, Kraus M, Maurits E, Overkleeft H, Bornhauser B, Bourquin J, Driessen C. High Immunoproteasome Activity and sXBP1 in Pediatric Precursor B-ALL Predicts Sensitivity towards Proteasome Inhibitors. *Cells* 2021; 10

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Vrabel D, Sevcikova S, Pour L, Stork M, Sandecka V, Jelinek T, Plonkova H, Jarkovsky J, Brožová L, Kubackova V, Almasi M, Bezdekova R, Rihova L, Besse L, Sedlarikova L, Hájek R. Dynamics of tumor-specific cfDNA in response to therapy in multiple myeloma patients. *Eur J Haematol* 2019

Hitz F, Driessen C, Mey U, Samaras P, Vilei S, Stüdeli S, Rondeau S, Seipel K, Novak U, Silzle T, Besse L, Hess D, Pabst T, Kraus M, Swiss Group for Clinical Cancer Research SAKK. Nelfinavir and lenalidomide/dexamethasone in patients with lenalidomide-refractory multiple myeloma. A phase I/II Trial (SAKK 39/10). *Blood Cancer J* 2019; 9:70.

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Krupkova O, Cambria E, Besse L, Besse A, Bowles R, Wuertz-Kozak K. The potential of CRISPR/Cas9 genome editing for the study and treatment of intervertebral disc pathologies. *JOR Spine* 2018; 1:e1003.

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Besse A, Besse L, Overkleeft H, Bader J, Kraus M, Morgan G, Weinhold N, Rasche L, Stolze S, Driessen C. Carfilzomib resistance due to ABCB1/MDR1 overexpression is overcome by nelfinavir and lopinavir in multiple myeloma. *Leukemia* 2017; 32:391-401.

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Projects (12)

Targeting des Immunoproteasoms in vivo

Fundamental Research - Aug 1, 2023 - Dec 31, 2023

Automatically Closed

Genetic contributors of multiple myeloma cells involved in their homing and escape from T-cell recognition

Fundamental Research - Jul 1, 2022 - Jun 30, 2023

Automatically Closed

ALK-Inhibitoren als potentielle Therapie bei Proteasom-Inhibitor-resistentem Multiplen Myelom

Fundamental Research - Oct 1, 2021 - Sep 30, 2023

Automatically Closed

Immunoproteasome activity as a predictive marker and therapeutic target in hematological malignancies

Fundamental Research - Jul 1, 2021 - Dec 31, 2021

Automatically Closed

Towards identification of novel therapeutic targets: Assessment of proteasome-related alterations in MM patients' datasets

Fundamental Research - Jan 1, 2021 - Dec 31, 2021

Automatically Closed

The molecular landscape of proteasome inhibitor resistance of multiple myeloma in vivo

Fundamental Research - Jul 1, 2020 - Dec 31, 2023

Automatically Closed

Revealing molecular basis of cardiotoxicity of carfilzomib towards its safer use in the patients with multiple myeloma

Fundamental Research - Mar 1, 2020 - Feb 28, 2021

Automatically Closed

The „seed and soil“-based pathogenesis of proteasome inhibitor resistance in multiple myeloma

Fundamental Research - Jan 1, 2019 - Dec 31, 2019

Automatically Closed

Identifying and targeting the "Achilles' heel" in proteasome inhibitor-resistant multiple myeloma

Fundamental Research - Oct 1, 2018 - Dec 31, 2021

Automatically Closed

Preclinical investigation of cardiotoxicity as a clinically important side effect of proteasome inhibitor-based therapy

Fundamental Research - Jul 1, 2017 - Jun 30, 2018

Automatically Closed

HIV-Proteaseinhibitoren als Basis für Krebstherapie: Verständnis des Mechanismus, Identifikation der Targets, Entwicklung wirksamerer Substanzen

Fundamental Research - Nov 1, 2016 - Oct 31, 2018

Automatically Closed

Proteasominhibitor-resistentes Multiples Myelom: Biologie und Therapieoptionen

Fundamental Research - Jan 5, 2015 - Dec 31, 2015

Automatically Closed