

## Publikationsverzeichnis

### Wissenschaftliche Aufsätze 2012-2017

**Bittner MI**, Wiedenmann N, Bucher S, Hentschel M, Mix M, Rücker G, Weber WA, Meyer PT, Werner M, Grosu AL, Kayser G. Analysis of relation between hypoxia PET imaging and tissue-based biomarkers during head and neck radiochemotherapy. *Acta Oncol.* 2016 Nov;55(11):1299-1304.

Al-Assar O, **Bittner MI**, Lunardi S, Stratford MR, McKenna WG, Brunner TB. The radiosensitizing effects of Nelfinavir on pancreatic cancer with and without pancreatic stellate cells. *Radiother Oncol.* 2016 May;119(2):300-5.

Wiedenmann NE, Bucher S, Hentschel M, Mix M, Vach W, **Bittner MI**, Nestle U, Pfeiffer J, Weber WA, Grosu AL. Serial [18F]-fluoromisonidazole PET during radiochemotherapy for locally advanced head and neck cancer and its correlation with outcome. *Radiother Oncol.* 2015 Oct;117(1):113-7.

**Bittner MI**, Grosu AL, Brunner TB. Comparison of toxicity after IMRT and 3D-conformal radiotherapy for patients with pancreatic cancer - a systematic review. *Radiother Oncol.* 2015 Jan;114(1):117-21.

Bilger A\*, **Bittner MI\***, Grosu AL, Wiedenmann N, Meyer PT, Firat E, Niedermann G, Weber WA, Milanovic D. FET-PET-based reirradiation and chloroquine in patients with recurrent glioblastoma: first tolerability and feasibility results. *Strahlenther Onkol.* 2014 Oct;190(10):957-61.

**Bittner MI**, Donnelly M, van Zanten AR, Andersen JS, Guidet B, Trujillano Cabello JJ, Gardiner S, Fitzpatrick G, Winter B, Joannidis M, Schmutz A. How is intensive care reimbursed? A review of eight European countries. *Ann Intensive Care.* 2013 Nov 12;3(1):37.

**Bittner MI**. Auswirkungen von Hitzewellen auf die Mortalität in Deutschland. *Gesundheitswesen.* 2014 Sep;76(8-9):508-12.

**Bittner MI**, Matthies EF, Dalbokova D, Menne B. Are European countries prepared for the next big heat-wave? *Eur J Public Health.* 2014 Aug;24(4):615-9.

**Bittner MI**, Grosu AL, Wiedenmann N, Wilkens JJ. A systematic review of antiproton radiotherapy. *Front Physics.* 2014 Jan 16;1:37.

**Bittner MI**, Grosu AL. Hypoxia in Head and Neck Tumors: Characteristics and Development during Therapy. *Front Oncol.* 2013 Aug 28;3:223.

**Bittner MI**, Wiedenmann N, Bucher S, Hentschel M, Mix M, Weber WA, Grosu AL. Exploratory geographical analysis of hypoxic subvolumes using 18F-MISO-PET imaging in patients with head and neck cancer in the course of primary chemoradiotherapy. *Radiother Oncol.* 2013 Sep;108(3):511-6.

**Bittner MI**. Information technology in radiation oncology - a brave new world? *Front Oncol.* 2013 May 10;3:116.

**Bittner MI**, Nübling M, Stössel U. Heat-related mortality in Freiburg and Rostock in 2003 and 2005 - methodology and results. *Gesundheitswesen.* 2013 Aug;75(8-9):e126-30.

**Bittner MI**, Stößel U. Perceptions of heatwave risks to health: results of an qualitative interview study with older people and their carers in Freiburg, Germany. *Psychosoc Med.* 2012;9:Doc05.

**Bittner MI**, Stößel U. Gefährdung älterer Menschen durch Hitzewellen in exponierten Städten. *Public Health Forum.* 2012;20(75):25-27.

### **Buchkapitel**

**Bittner MI**, Matthies F, Michelozzi P, Kovats S, Menne B. Heat and health. In: McGregor GR (Hsg): Heatwaves and Health: Guidance on Warning-System Development. *World Meteorological Organization and World Health Organization*, Genf 2015 (ISBN 978-92-63-11142-5)

### **Dissertationen**

**Bittner MI**. Die hitzewellenassoziierte Mortalität in der Bevölkerung Freiburgs i.Br. und Rostocks in den Jahren 2003 & 2005 und Anpassungsstrategien älterer Menschen in Freiburg i.Br. – Ergebnisse einer Sekundärdatenanalyse und einer Interviewstudie. *Logos Verlag* Berlin 2011 (ISBN 978-3-8325-3005-1)

**Bittner MI**. Characterisation of the histone acetyltransferase KAT7 as a novel target for radio-sensitisation. (University of Oxford 2017)

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