

My favorite 12 studies about oncothermia

- Treatment outcome analysis of chemotherapy combined with modulated electro-hyperthermia compared with chemotherapy alone for recurrent cervical cancer, following irradiation. [1],
- Local modulated electro-hyperthermia in combination with traditional Chinese medicine vs. intraperitoneal chemoinfusion for treatment of peritoneal carcinosarcoma with malignant ascites: a phase II randomized trial, [2],
- The effect of modulated electro-hyperthermia on the pharmacokinetic properties of nefopam in healthy volunteers: A randomised, single-dose, crossover open-label study [3],
- Transcranial electro-hyperthermia combined with alkylating chemotherapy in patients with relapsed high-grade gliomas [4],
- Current status of oncothermia therapy for lung cancer [5],
- DNA fragmentation and caspase-independent programmed cell death by modulated electrohyperthermia [6],
- Upregulation of heat shock proteins and the promotion of damage-associated molecular pattern signals in a colorectal cancer model by modulated electrohyperthermia [7]
- Modulated electro-hyperthermia enhances dendritic cell therapy through an abscopal effect in mice [8],
- Improving immunological tumor microenvironment using electro-hyperthermia followed by dendritic cell immunotherapy [9],
- Strong synergy of heat and modulated electro- magnetic field in tumor cell killing, Study of HT29 xenograft tumors in a nude mice model [10],
- Comparison of biological effects of modulated electro-hyperthermia and conventional heat treatment in human lymphoma U937 cells [11],
- Nanoheating without Artificial Nanoparticles Part II. Experimental support of the nanoheating concept of the modulated electro-hyperthermia method, using U937 cell suspension model [12],

-
- [1] Lee S-Y, Lee N-R, Cho D-H, Kim J-S; (2017) Treatment outcome analysis of chemotherapy combined with modulated electro-hyperthermia compared with chemotherapy alone for recurrent cervical cancer, following irradiation; *Oncology Letters*, DOI: 10.3892/ol.2017.6117 <https://www.spandidos-publications.com/10.3892/ol.2017.6117>
- [2] Pang CLK, Xinting Z, Zhen W, Junwen O, Yimin L, Roussakow R, et.al. (2017) Local modulated electro-hyperthermia in combination with traditional Chinese medicine vs. intraperitoneal chemoinfusion for treatment of peritoneal carcinosarcoma with malignant ascites: a phase II randomized trial, *Molecular and Clinical Oncology*, 6:723-732, doi.org/10.3892/mco.2017.1221; <https://www.spandidos-publications.com/10.3892/mco.2017.1221> [2],
- [3] Lee SY, Kim M-G (2015) The effect of modulated electro-hyperthermia on the pharmacokinetic

-
- properties of nefopam in healthy volunteers: A randomised, single-dose, crossover open-label study, *Int J Hyp*, Early Online: 1-6, <http://www.ncbi.nlm.nih.gov/pubmed/26507458>
- [4] Wismeth C, Dudel C, Pascher C, Ramm P, Pietsch T, Hirschmann B, Reinert C, Proescholdt M, Rümmele P, Schuierer G, Bogdahn U, Hau P (2010) Transcranial electro-hyperthermia combined with alkylating chemotherapy in patients with relapsed high-grade gliomas – Phase I clinical results. *J Neurooncol* 98(3):395–405, <http://www.ncbi.nlm.nih.gov/pubmed/?term=Transcranial+electro-hyperthermia+combined+with+alkylating+chemotherapy+in+patients+with+relapsed+high-grade+gliomas+%E2%80%93+Phase+I+clinical+results>
- [5] Szasz A (2014) Current status of oncothermia therapy for lung cancer. *Korean J Thorac Cardiovasc Surg* 47:77-93, <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4000888>
- [6] Meggyeshazi N, Andocs G, Balogh L, Balla P, Kiszner G, Teleki I, Jeney A, Krenacs T (2014) DNA fragmentation and caspase-independent programmed cell death by modulated electrohyperthermia. *Strahlenther Onkol* 190:815-822, <http://www.ncbi.nlm.nih.gov/pubmed/24562547>
- [7] Andocs G, Meggyeshazi N, Balogh L, Spisak S, Maros ME, Balla P, Kiszner G, Teleki I, Kovago Cs, Krenacs T (2014) Upregulation of heat shock proteins and the promotion of damage-associated molecular pattern signals in a colorectal cancer model by modulated electrohyperthermia. *Cell Stress and Chaperones* 20(1):37-46, <http://www.ncbi.nlm.nih.gov/pubmed/24973890>
- [8] Qin W, Akutsu Y, Andocs G, Sugnami A, Hu X, Yusup G, Komatsu-Akimoto A, Hoshino I, Hanari N, Mori M, Isozaki Y, Akanuma N, Tamura Y, Matsubara H (2014) Modulated electro-hyperthermia enhances dendritic cell therapy through an abscopal effect in mice. *Oncol Rep* 32(6):2373-2379, <http://www.ncbi.nlm.nih.gov/pubmed/25242303>
- [9] Yuk-Wah Tsang, Cheng-Chung Huang, Kai-Lin Yang, Mau-Shin Chi, Hsin-Chien Chiang, Yu-Shan Wang, Gabor Andocs, Andras Szasz, Wen-Tyng Li, Kwan-Hwa Chi. (2015) Improving immunological tumor microenvironment using electro-hyperthermia followed by dendritic cell immunotherapy, *BMC Cancer* 15:708, <http://www.ncbi.nlm.nih.gov/pubmed/26472466>
- [10] Andocs G, Renner H, Balogh L, Fonyad L, Jakab C, Szasz A (2009) Strong synergy of heat and modulated electro- magnetic field in tumor cell killing, Study of HT29 xenograft tumors in a nude mice model. *Strahlentherapie und Onkologie* 185:120–126, <http://www.ncbi.nlm.nih.gov/pubmed/19240999>
- [11] Andocs G, Rehman MU, Zhao Q-L, Tabuchi Y, Kanamori M, Kondo T. (2016) Comparison of biological effects of modulated electro-hyperthermia and conventional heat treatment in human lymphoma U937 cell, *Cell Death Discovery* (Nature Publishing Group), 2, 16039, <http://www.nature.com/articles/cddiscovery201639>
- [12] Andocs G, Rehman MU, Zhao QL, Papp E, Kondo T, Szasz A. (2015) Nanoheating without Artificial Nanoparticles Part II. Experimental support of the nanoheating concept of the modulated electro-hyperthermia method, using U937 cell suspension model, *Biology and Medicine* 7(4):1-9, <http://www.omicsonline.com/open-access/nanoheating-without-artificial-nanoparticles-part-ii-experimental-support-of-the-nanoheating-concept-of-the-modulated-electrohyperthermiamethod-using-u937-cell-suspension-model-0974-8369-1000247.php?aid=60362>