

















# **Oncothermia clinical & experimental studies in progress**

## Studies in progress (advanced stages of cancer)

1	Prospectively randomized phase I/II trial of liposomal-encapsulated Doxorubicin and Cisplatin +/- locoregional hyperthermia in patients with metastatic breast cancer	Ludwig-Maximilians University, Munich, Germany	
2	Traditional Chinese Medicine and Oncothermia	Clifford Hospital, Guangzhou, China	
3	Advanced breast and gynecology cancer, lung, gastrointestinal, orthopedics cancer	University of Toyama, Toyama, Japan	
4	Prospectively randomized phase I/II clinical study of relapsed, refractive ovarian malignancies by oncothermia therapy	National Cancer Center, Seoul, Republic of Korea	
5	A randomized trial investigating the benefits of the addition of oncothermia to chemo-radiation for cervical cancer in HIV positive and negative women in South Africa	University of the Witwatersrand, Johannesburg, South Africa	
6	A phase I/II study of EHY-2000 oncothermia therapy for advanced esophageal cancer	Chiba University, Chiba, Japan	
7	Breast, Liver, pancreas; An effectiveness evaluation of neo-adjuvant chemotherapy and hyperthermia treatment of LABC and Hyperthermia mono therapy in advanced stage HCC-A prospective randomised controlled trial	Thai National Cancer Institute, Bangkok, Thailand	
8	Effect of oncothermia on improvement of quality of life in unresectable pancreatic cancer patients	Seoul National University Bundang, Seoul, Republic of Korea	
9	The outcome of chemotherapy and oncothermia for far advanced adenocarcinoma of the lung	Bundang Cha General Hospital, Seoul, Republic of Korea	
10	Oncothermia for Epithelial ovarian cancer failed to standard therapies	National Cancer Institute, Seoul, Republic of Korea	
11	A randomized phase 1 trial evaluating the safety of weekly Paclitaxel with Oncothermia and weekly cisPlatin with Oncothermia in Patients with recurrent or persistent epithelial Ovarian, fallopian tube or primary peritoneal carcinoma (POPOPO trial)	Seoul National University Bundang Hospital, Bundang, South Korea	
12	Sarcoma study with oncothermia	Kosin University, Busan, Republic of Korea	

13	Advanced ovary cancer	Ewha Womans University Cancer Center for woman, Seoul, Republic of Korea	
14	Study on the Effect of hyperthermia on improving the quality of life in patients with inoperable pancreatic cancer	Seoul National University Bundang Hospital, Bundang, South Korea	
15	Combination of Oncothermia with Chemotherapy in Lung Adenocarcinoma	Bundang Cha General Hospital, Seoul, Republic of Korea	
<b>Non-oncology studies</b>			
1	Borrelia - lyme disease and oncothermia	Hyperthermiezentrum, Hochwald, Germany	
2	AndroTherm application for the Peyronie's disease	Italian Andrology Institute, (Dimetra), Terni, Italy	
3	Benign tumors and others with traditional Chinese medicine	Clifford Hospital, Gaungzhou, China	
4	Treatment of Dupuytren's contracture by oncothermia	Pecs University, Health Science Faculty, Pecs, Hungary	
5	Pharmacokinetic study of Nefopam	Chonbuk National University Hospital, Jeonju-si, South Korea	
6	Treatment of low-back pain by oncothermia	Yamamoto Institute, Budapest, Hungary	
<b>Experimental/Preclinical studies</b>			
1	Immunoeffects of oncothermia (in vivo)	Semmelweis University, Budapest, Hungary	
2	Bystander effects of oncothermia (in vivo)	St. Istvan University (Veterinarian), Budapest, Hungary	
3	Dendritic cell effects by oncothermia	Chiba University, Chiba, Japan	
4	RF-vaccination of oncothermia	St. Istvan University, Budapest, Hungary	
5	Veterinarian studies (dogs, cats) of oncothermia	Tottori University, Tottori, Japan	
6	Selective cell-distortion mechanisms (in vitro) of oncothermia	Semmelweis University, Budapest, Hungary	
7	Electromagnetic effects (in vitro) of oncothermia	St. Istvan University (Veterinarian), Budapest, Hungary	
8	Correlation (entropy) effects (in silico) of oncothermia	Oncotherm laboratory, Budapest, Hungary	
9	Electric field distribution effects (in silico) of oncothermia	Pazmany P. Catholic University, Budapest, Hungary	

10	Colorectal metastases models of oncothermia	University of Pittsburg, Pittsburg, USA	
11	Ecciniococcus study (in vivo) of oncothermia	H. Heine University, Dusseldorf, Germany	
12	Treatment of metastatic tumor in-vivo by oncothermia	University of Pittsburg, Pittsburg, USA	
13	Temperature distribution phantom models for oncothermia	Oncotherm laboratory, Budapest, Hungary	
14	TCM synergy with oncothermia	Oncotherm laboratory, Budapest, Hungary	
15	Ultrasound apoptotic measurements	Pazmany P. Catholic University, Budapest, Hungary	
16	Fractal-template research	Oncotherm laboratory, Budapest, Hungary	
17	Molecular changes determined in order to evaluate the effects of oncothermic modulated electro-hyperthermia on tumor cells in vitro and in vivo	University of Maryland, Baltimore, USA	
18	Comperative study of various hyperthermia methods	National Taiwan University, Taipei, Taiwan	
19	Oncothermia in-vivo/vitro, molecular biology	Sinchon Severance Hospital, Seoul, Republic of Korea	
20	Oncothermia and Mistletoe combination	Handong Global University, Gyeongsangbuk-do, South Korea	
21	Oncothermia experiements on suspension cell-cultures	Toyama University, Toyama, Japan	
22	Nanothermia effects on cellular receptors	Semmelweis University, Budapest, Hungary	
<b>Planned experimental/preclinical studies</b>			
1	Repetition programs, PancroTherm III (Advanced Pancreas Cancer)	Prince of Wales Hospital, Randwick, Australia	
2	In vivo ovarian experiments	Yonsei University, Seoul, Republic of Korea	
3	Cancer-stem cell research with oncothermia	University of Toyama, Toyama, Japan	
4	Oncothermia treatment on animals such as mouse and rat as tumor models for the thermal therapy experiment	Tottori University, Tottori, Japan	