

**List of American Journal Publications on Fever-Range Whole-Body Hyperthermia
from the University of Texas (J.Bull) and the Roswell Park Cancer Institute Buffalo (E.Repasky, S.Evans)**

	Author	Title	Journal
1	Hughes, Repasky, Bankert, Johnson, Subject	Effects of Hyperthermia on Spectrin Expression Patterns of Murine Lymphocytes	RADIATION RESEARCH 112, 116-123 (1987)
2	Sakaguchi, Makino, Kaneko, Stephens, Strelbel, Danhauser, Jenkins, Bull	Therapeutic Efficacy of Long Duration – Low Temperature Whole Body Hyperthermia When Combined with Tumor Necrosis Factor and Carboplatin in Rats	CANCER RESEARCH 54, 2223-2227, April 15, 1994
4	Matsuda, Strelbel, Kaneko, Danhauser, Jenkins, Toyota, Bull	Long Duration - Mild Whole Body Hyperthermia of up to 12 hours in Rats: Feasibility, and Efficacy on Primary Tumour and Axillary Lymph Node Metastases of a Mammary Adenocarcinoma: Implications for adjuvant Therapy	INT. J. HYPERTHERMIA, 1997, VOL. 13. NO. 1. 89-98
5	Toyota, Strelbel, Stephens, Matsuda, Bull	Long Duration - Mild Whole Body Hyperthermia with Cisplatin: Tumour Response and Kinetics of Apoptosis and Necrosis in a Metastatic at Mammary Adenocarcinoma	INT. J. HYPERTHERMIA, 1997, VOL. 13. NO. 5. 497-506
6	Di, Repasky, Subject	Distribution of HSP70, Protein Kinase C, and Spectrin Is Altered in Lymphocytes During a Fever-Like Hyperthermia Exposure	JOURNAL OF CELLULAR PHYSIOLOGY 172:44-54 (1997)
7	Burd, Dziedzic, Yan Xu, Caligiuri, Subject, Repasky	Tumor Cell Apoptosis, Lymphocyte Recruitment and Tumor Vascular Changes Are Induced by Low Temperature, Long Duration (Fever-Like) Whole Body Hyperthermia	JOURNAL OF CELLULAR PHYSIOLOGY 177:137-147 (1998)
8	Wang, Goldman, Schleider, Appenheimer, Subject, Repasky, Evans	Fever-range Hyperthermia Enhances L-Selectin-Dependent Adhesion of Lymphocytes to Vascular Endothelium	JOURNAL OF IMMUNOLOGY, 160, 961-969
9	Toyota, Strelbel, Stephens, Matsuda, Oshiro, Jenkins, Bull	Therapeutic Efficacy and Apoptosis and Necrosis Kinetics of Doxorubicin Compared with Cisplatin, Combined with Whole-Body Hyperthermia in a Rat Mammary Adenocarcinoma	INT.J.CANCER; 76, 499-505, 1998
16	Repasky, Tims, Pritchard, Burd	Characterization of Mild Whole Body Hyperthermia Protocols Using Human Breast, Ovarian, and Colon Tumors Grown in Severe Combined Immunodeficient Mice	Infectious Diseases in Obstetrics and Gynecology 7:91-97 (1999)
17	Wang, Ostberg, Repasky	Effect of Fever-like Whole Body Hyperthermia on Lymphocyte Spectrin Distribution, Protein Kinase C Activity, and Uropod Formation	THE JOURNAL OF IMMUNOLOGY; 1999, 162: 3378-3387
18	Ostberg, Repasky	Comparison of the Effects of Two Different WBH protocols on the Distribution of Murine Leukozyte Populations	INT. J. HYPERTHERMIA, 2000, VOL. 16. NO. 1. 29-43
19	Evans, Bain, Wang	Fever-Range Hyperthermia Stimulates $\alpha 4\beta 7$ Integrin-Dependent Lymphocyte-Endothelial Adhesion	INT. J. HYPERTHERMIA, 2000, VOL. 16. NO. 1. 45-59
20	Ostberg, Repasky	Use of mild, whole body hyperthermia in cancer therapy	IMMUNOLOGICAL INVEST., 29(2), 139-142 (2000)
21	Wang, Kazim, Repasky, Subject	Characterization of Heat Shock Protein 110 and Glucose-Regulated Protein 170 as Cancer Vaccines and the Effect of Fever-Range Hyperthermia on Vaccine Activity	THE JOURNAL OF IMMUNOLOGY; 2001, 165: 490-497
23	Ostberg, Patel, Repasky	Regulation of immuneactivity by mild (fever-range) whole body hyperthermia: effects on epidermal Langerhans cells	Cell Stress & Chaperones (2000) 5 (5), 458-461
24	Ostberg, Taylor, Baumann, Repasky	Regulatory effects of fever-range whole body hyperthermia on the LPS-induced acute inflammatory response	Journal of Leukozyte Biology, Volume 68, Dec. 2000: 815-820
25	Evans, Wang, Bain, Burd, Ostberg, Repasky	Fever-range hyperthermia dynamically regulates lymphocyte delivery to high endothelial venules	BLOOD, 1 May 2001, Volume 97, No.9
26	Ostberg, Gellin, Patel, Repasky	Regulatory Potential of Fever-Range Whole Body Hyperthermia on Langerhans Cells and Lymphocytes in an Antigen-Dependant Cellular Immune Response	THE JOURNAL OF IMMUNOLOGY; 2001, 167: 2666-2670
27	Kraybill, Olenki, Evans, Ostberg,	A phase I study of fever-range whole-body hyperthermia (FR-WBH) in patients with advanced solid tumours: correlation	INT. J. HYPERTHERMIA, 2002, VOL. 18. NO. 3. 253-266

	O'Leary, Gibbs, Repasky	with mouse models	
28	Shah, Unger, Bain, Bruce, Bodkin, Ginnetti, Wang, Seon, Stewart, Evans	Cytokine and adhesion molecule expression in primary human endothelial cells stimulated with fever-range hyperthermia	INT. J. HYPERTHERMIA, 2002, VOL. 18. NO. 6. 534-551
29	Ostberg, Kaplan, Repasky	Induction of stress proteins in a panel of mouse tissues by fever-range whole body hyperthermia	INT. J. HYPERTHERMIA, 2002, VOL. 18. NO. 3. 552-562
30	Sumiyoshi, Strebhel, Rowe, Bull	The effect of whole-body hyperthermia combined with 'metronomic' chemotherapy on rat mammary adenocarcinoma metastases	INT. J. HYPERTHERMIA, 2003, VOL. 19. NO. 2. 103-118
31	Ostberg, Kabingu, Repasky	Thermal regulation of dendritic cell activation and migration from skin plants	INT. J. HYPERTHERMIA, 2003, VOL. 19. NO. 5. 520-533
32	Pritchard, Ostberg, Evans, Burd, Kraybill, Bull, Repasky	Protocols for simulating the thermal component of fever: preclinical and clinical experience	Methods 32 (2004) 54-62
41	Ostberg, Ertel, Lanphere	An Important Role for Granulocytes in the Thermal Regulation of Colon Tumor Growth	Immunological Investigations, 34:259-272,2005
42	Ostberg, Repasky	Emerging evidence indicates that physiologically relevant thermal stress regulates dendritic cell function	Cancer Immunol Immunother. 2006 Mar, 55(3):292-8
43	Pritchard, Wolf, Kraybill, Repasky	The Anti-Tumor Effect of Interleukin-12 is Enhanced by Mild (Fever-range) Thermal Therapy	Immunological Investigations, 34:361-380, 2005
44	Pritchard, Li, Repasky	Nitric Oxide Production is Regulated by Fever-range Thermal Stimulation of Murine Macrophages	Journal of Leukocyte Biology, Vol.78(3), 630-638, 2005
45	Appenheimer, Chen, Girard, Wang, Evans	Impact of Fever-Range Thermal Stress on Lymphocyte-Endothelial Adhesion and Lymphocyte Trafficking	Immunological Investigations, 34:295-323, 2005
46	Chen, Evans	Thermal regulation of lymphocyte trafficking: Hot spots of the immune response	INT. J. HYPERTHERMIA, 2005, VOL. 21. NO. 8. 723-729
47	Chen, Fisher, Kucinska, Wang, Evans	Dynamic Control of Lymphocyte Trafficking by Fever-Range Thermal Stress	Cancer Immunology, Immunotherapy, CII, Vol.55(3), 299-311, 2006
57	Rowe-Horwege	Hyperthermia, Systemic	Encyclopedia of Medical Devices and Instrumentation, Second Edition, 2006 John Wiley & Sons, Inc.
58	Chen, Fisher, Clancy, Gauguier, Wang, Unger, Rose-John, von Andrian, Baumann, Evans	Fever-range thermal stress promotes lymphocyte trafficking across high endothelial venules via an interleukin 6 trans-signaling mechanism	NATURE IMMUNOLOGY, Vol. 7, M ^o 12, Dec. 2006
76	Xu, Choi, Hylander, Sen, Evans, Kraybill, Repasky	Fever range whole body hyperthermia increases the number of perfused tumor blood vessels and therapeutic efficacy of liposomally encapsulated doxorubicin	INT. J. HYPERTHERMIA, 2007, VOL. 23. NO. 6. 513-527
77	Ostberg, Dayanc, Yuan, Oflazoglu, Repasky	Enhancement of natural killer (NK) cell cytotoxicity by fever-range thermal stress is dependant on NKG2D function and is associated with plasma membrane NKG2D clustering and increased expression of MICA on target cells	Journal of Leukocyte Biology, Vol 82, November 2007, 1322-1331
78	Dayanc, Beachy, Ostberg, Repasky	Dissecting the role of hyperthermia in natural killer cell mediated anti-tumor response	INT. J. HYPERTHERMIA, 2008, VOL. 24. NO. 1. 41-56
79	Evans, Fisher, Skitzki, Chen	Targeted regulation of a lymphocyte-endothelial-interleukin-6 axis by thermal stress	INT. J. HYPERTHERMIA, 2008, VOL. 24. NO. 1. 67-78
80	Capitano, Ertel, Repasky, Ostberg	Fever-range whole body hyperthermia prevents the onset of type 1 diabetes in non-obese diabetic mice	INT. J. HYPERTHERMIA, 2008, VOL. 24. NO. 2. 141-149
81	Bull, Strebhel, Jenkins, Deng, Rowe	The importance of schedule in whole body thermochemotherapy	INT. J. HYPERTHERMIA, 2008, VOL. 24. NO. 2. 171-181
91	Bull, Scott, Strebhel, Nagle, Oliver, Redwine, Rowe, Ahn, Koch	Fever-range whole-body thermal therapy combined with cisplatin, gemcitabine, and daily interferon- α : A description of a phase I-II protocol	INT. J. HYPERTHERMIA, 2008, VOL. 24. NO. 8. 649-662
92	Chen, Appenheimer, Muhitch, Fisher, Clancy, Miecznikowski, Wang, Evans	Thermal Facilitation of Lymphocyte Trafficking Involves Temporal Induction of Intravascular ICAM-1	Microcirculation. 2009 Feb;16(2):143-58.
109	Skitzki, Repasky, Evans	Hyperthermia as an immunotherapy strategy for cancer	Current Opinion in Investigational Drugs - 2009 10(6):550-558
110	Peer, Grimm, Zynda, Repasky	Diverse immune mechanisms may contribute to the survival benefit seen in cancer patients receiving hyperthermia	Immunol Res (2010) 46:137-154

111	Fisher, Vardam, Muhitch, Evans	Fine-tuning immune surveillance by fever-range thermal stress	Immunol Res (2010) 46:177–188
125	Lee, Mace, Repasky	Hypoxia-driven immunosuppression: A new reason to use thermal therapy in the treatment of cancer ?	INT. J. HYPERTHERMIA, 2010, VOL. 26. NO. 3. 232-246
130	Rowe, Strebel, Proett, Deng, Chan, He, Siddik, Bull	Fever range whole body thermal therapy with oxaliplatin: A curative regimen in a pre-clinical breast cancer model	INT. J. HYPERTHERMIA, 2010, VOL. 26. NO. 6. 565-576
131	Streckfus, Brown, Bull	Proteomics, morphoproteomics, saliva and breast cancer: An emerging approach to guide the delivery of individualised thermal therapy, thermochemotherapy and monitor therapy response	INT. J. HYPERTHERMIA, 2010, VOL. 26. NO. 7. 649-661
132	Kokulus, Hong, Repasky	Feeling too hot or cold after breast cancer: Is it just a nuisance or a potentially important prognostic factor ?	INT. J. HYPERTHERMIA, 2010, VOL. 26. NO. 7. 662-680
133	Katkere, Rosa, Caballero, Repasky, Drake	Physiological-range temperature changes modulate cognate antigen processing and presentation mediated by lipid raft-restricted ubiquitinated B cell receptor molecules	J Immunol. 2010 Nov 1;185(9):5032-9
148	Sen, Capitano, Sperryak, Schueckler, Thomas, Singh, Evans, Hylander, Repasky	Mild elevation of body temperature reduces tumor interstitial fluid pressure and hypoxia and enhances efficacy of radiotherapy in murine tumor models.	Cancer Res. 2011 Jun 1;71(11):3872-80.
149	<i>Beachy, Repasky</i>	Toward establishment of temperature thresholds for immunological impact of heat exposure in humans	Int J Hyperthermia. 2011;27(4):344-52.
150	Fisher, Chen, Skitzki, Muhitch, Zhou, Appenheimer, Vardam, Weis, Passanese, Wang, Gollnick, Dewhirst, Rose-John, Repasky, Baumann, Evans	IL-6 trans-signaling licenses mouse and human tumor microvascular gateways for trafficking of cytotoxic T cells	J Clin Invest. 2011 Oct;121(10):3846-59
151	Mace, Zhong, Kilpatrick, Zynda, Lee, Capitano, Minderman, Repasky	Differentiation of CD8+ T cells into effector cells is enhanced by physiological range hyperthermia	J Leukoc Biol. 2011 Nov;90(5):951-62
159	Mace, Zhong, Kokulus, Repasky	Effector CD8+ T cell IFN- γ production and cytotoxicity are enhanced by mild hyperthermia	Int J Hyperthermia., 2012, Vol. 28, No. 1 : Pages 9-18
160	Lee, Zhong, Mace, Repasky	Elevation in body temperature to Fever range enhances and prolongs subsequent responsiveness of macrophages to endotoxin challenge	PLoS One. 2012;7(1):e30077. Epub 2012 Jan 10
161	Capitano, Nemeth, Mace, Salisbury-Ruf, Segal, McCarthy, Repasky	Elevating body temperature enhances hematopoiesis and neutrophil recovery after total body irradiation in an IL-1 -, IL-17-, and G-CSF- dependent manner	blood, 2012 120: 2600-2609
162	Lee, Repasky	Opposing roles for heat and heat shock proteins in macrophage functions during inflammation: a function of cell activation state?	Frontiers in IMMUNOLOGY 01 June 2012
163	Oshlag, Devasthanam, Tomasi	Mild hyperthermia enhances the expression and induces oscillations in the Dicer protein	Int J Hyperthermia., 2013, Vol. 29/01: Pages 51-61
164	Mikucki, Fisher, Ku, Appenheimer, Muhitch, Evans	Preconditioning thermal therapy: Flipping the switch on IL-6 on anti-tumor immunity	Int J Hyperthermia., 2013, Vol. 29/05: Pages 464-473
165	Dayanc, Bansal, Gure, Gollnick, Repasky	Enhanced sensitivity of colon tumour cells to natural killer cell cytotoxicity after mild thermal stress is regulated through HSF1-mediated expression of MICA	Int J Hyperthermia., 2013, Vol. 29/05: Pages 480-490
166	Repasky, Evans, Dewhirst	Temperature Matters! And Why It Should Matter to Tumor Immunologists	Cancer Immunol Res 2013;1:210-216.
167	Kokulus, Capitano, Lee, Eng, Waight, Hylander, Sexton, Hong, Gordon, Abrams, Repasky	Baseline tumor growth and immune control in laboratory mice are significantly influenced by subthermoneutral housing temperature.	Proc Natl Acad Sci U S A. 2013 Dec 10;110(50):20176-81
168	Kokulus, Spangler, Pavinelli, Farren, Lee, Repasky	Stressful presentations: mild cold stress in laboratory mice influences phenotype of dendritic cells in naïve and tumor-bearing mice	Front Immunol. 2014 Feb 10;5:23
169	Gordon, Aydin, Repasky, Kokulus, Dheyongera, Johnstone	Behaviorally mediated, warm adaptation: a physiological strategy when mice behaviorally thermoregulate	J Therm Biol. 2014 Aug;44:41-6.
170	Messmer, Kokulus, Eng, Abrams, Repasky	Mild cold-stress depresses immune responses: Implications for cancer models involving laboratory mice	Bioessays. 2014 Sep;36(9):884-9

171	Eng, Kokolus, Reed, Hylander, Ma, Repasky	A nervous tumor microenvironment: the impact of adrenergic stress on cancer cells, immunosuppression, and immunotherapeutic response	Cancer Immunol Immunother. 2014 Nov;63(11):1115-28.
172	Eng, Reed, Kokolus, Repasky	Housing temperature influences the pattern of heat shock protein induction in mice following mild whole body hyperthermia	Int. J. Hyperthermia. 2014 Dec;30(8):540-6
173	Eng, Reed, Kokolus, Pitoniak, Utley, Bucsek, Ma, Repasky, Hylander	Housing temperature-induced stress drives therapeutic resistance in murine tumour models through β 2-adrenergic receptor activation	Nat Commun. 2015 Mar 10;6:6426
174	Povinelli, Kokolus, Eng, Dougher, Curtin, Capitano, Sailsbury-Ruf, Repasky, Nemeth	Standard Sub-Thermoneutral Caging Temperature Influences Radiosensitivity of Hematopoietic Stem and Progenitor Cell	PLoS One. 2015; 10(3)
175	Lee, Kokolus, Leigh, Capitano, Hylander, Repasky	Defining immunological impact and therapeutic benefit of mild heating in a murine model of arthritis	PLoS One. 2015 Mar 20;10(3)
176	Repasky, Eng, Hylander	Stress, metabolism and cancer: integrated pathways contributing to immune suppression.	Cancer J. 2015 Mar-Apr;21(2):97-103
177	Evans, Repasky, Fisher	Fever and the thermal regulation of immunity: the immune system feels the heat	Nat Rev Immunol. 2015 Jun;15(6):335-49
178	Winslow, Eranki, Ullas, Singh, Repasky, Sen	A pilot study of the effects of mild systemic heating on human head and neck tumour xenografts: Analysis of tumour perfusion, interstitial fluid pressure, hypoxia and efficacy of radiation therapy	Int. J. Hyperthermia. 2015 May 19:1-9
179	Zynda, Grimm, Yuan, Zhong, Mace, Capitano, Ostberg, Lee, Pralle, Repasky	A role for the thermal environment in defining co-stimulation requirements for CD4(+) T cell activation	Cell Cycle. 2015 Jul 18;14(14):2340-54
180	Rich, Winslow, Alberico, Repasky, Seshadri, Singh	Enhanced tumour perfusion following treatment with water-filtered IR-A radiation to the thorax in a patient with head and neck cancer	Int. J. Hyperthermia. Published online: 2016 May 05