

Publications

van Breukelen F, Krumschnabel G, Podrabsky JE. Vertebrate cell death in energy-limited conditions and how to avoid it: what we might learn from mammalian hibernators and other stress-tolerant vertebrates. *Apoptosis*. 2010 Mar;15(3):386-99. Review. PubMed PMID: 20127173.

Utz JC, Nelson S, O'Toole BJ, van Breukelen F. Bone strength is maintained after 8 months of inactivity in hibernating golden-mantled ground squirrels, *Spermophilus lateralis*. *J Exp Biol*. 2009 Sep 1;212(17):2746-52. PubMed PMID: 19684206; PubMed Central PMCID: PMC2727459.

Baker JA, van Breukelen F. Bile constituents in hibernating golden-mantled ground squirrels (*Spermophilus lateralis*). *Comp Hepatol*. 2009 May 26;8:2. PubMed PMID: 19470180; PubMed Central PMCID: PMC2692966.

Rausch CM, Starkweather PL, van Breukelen F. One year in the life of *Bufo punctatus*: annual patterns of body temperature in a free-ranging desert anuran. *Naturwissenschaften*. 2008 Jun;95(6):531-5. Epub 2008 Mar 20. PubMed PMID: 18357398.

Utz JC, Velickovska V, Shmereva A, van Breukelen F. Temporal and temperature effects on the maximum rate of rewarming from hibernation. *J Therm Biol*. 2007 Jul;32(5):276-281. PubMed PMID: 17948068; PubMed Central PMCID: PMC2034309.

Velickovska V, van Breukelen F. Ubiquitylation of proteins in livers of hibernating golden-mantled ground squirrels, *Spermophilus lateralis*. *Cryobiology*. 2007 Dec;55(3):230-5. Epub 2007 Aug 24. PubMed PMID: 17897639; PubMed Central PMCID: PMC2700031.

Utz JC, Rausch CM, Fruth L, Thomas ME, van Breukelen F. Desert Survivors: the design and implementation of a television program to enhance local scientific literacy. *Adv Physiol Educ*. 2007 Mar;31(1):1-4. PubMed PMID: 17327575.