

Key Purina Life Span Study Publications:

- Smith, G. K., Paster, E. R, Powers, M. Y., Lawler, D. F., Biery, D. N., Shofer, F. S., McKelvie, P. J., & Kealy, R. D. (2006). Lifelong diet restriction and radiographic evidence of osteoarthritis of the hip joint in dogs. *Journal of the American Veterinary Medical Association*, 229(5), 690–693. doi: 10.2460/javma.229.5.690
<https://pubmed.ncbi.nlm.nih.gov/16948575/>
- Lawler, D. F., Evans, R. H., Larson, B. T., Spitznagel, E. L., Ellersieck, M. R., & Kealy, R. D. (2005). Influence of lifetime food restriction on causes, time, and predictors of death in dogs. *Journal of the American Veterinary Medical Association*, 226(2), 225–231. doi: 10.2460/javma.2005.226.225
<https://pubmed.ncbi.nlm.nih.gov/15706972/>
- Lawler, D. F., Larson, B. T., Ballam, J. M., Smith, G. K., Biery, D. N., Evans, R. H., Greeley, E. H., Segre, M., Stowe, H. D., & Kealy, R. D. (2008). Diet restriction and ageing in the dog: major observations over two decades. *British Journal of Nutrition*, 99(4), 793–805. doi: 10.1017/S0007114507871686
<https://pubmed.ncbi.nlm.nih.gov/18062831/>
- Larson, B. T., Lawler, D. F., Spitznagel, E. L., Jr., & Kealy, R. D. (2003). Improved glucose tolerance with lifetime diet restriction favorably affects disease and survival in dogs. *Journal of Nutrition*, 133(9), 2887–2892. doi: 10.1093/jn/133.9.2887
<https://pubmed.ncbi.nlm.nih.gov/12949383/>
- Wang, Y., Lawler, D., Larson, B., Ramadan, Z. Kochhar, S., Holmes, E., & Nicholson, J. K. (2007). Metabonomic investigations of aging and caloric restriction in a life-long dog study. *Journal of Proteome Research*, 6(5), 1846–1854. doi: 10.1021/pr060685n.
<https://pubmed.ncbi.nlm.nih.gov/17411081/>
- Greeley, E. H., Spitznagel, E., Lawler, D. F., Kealy, R. D., & Segre, M. (2006). Modulation of canine immunosenescence by life-long caloric restriction. *Veterinary Immunology and Immunopathology*, 111(3–4), 287–299. doi: 10.1016/j.vetimm.2006.02.002
<https://pubmed.ncbi.nlm.nih.gov/16567002/>
- Richards, S. E., Wang, Y., Claus, S. P., Lawler, D., Kochhar, S., Holmes, E., & Nicholson, J. K. (2013). Metabolic phenotype modulation by caloric restriction in a lifelong dog study. *Journal of Proteome Research*, 12(7), 3117–3127. doi: 10.1021/pr301097k
<https://pubmed.ncbi.nlm.nih.gov/23713866/>