



Recent Publications

Kawchuk GN, Miazga S, Pagé I, Swain M, De Carvalho D, Funabashi M, Breen A, Wong A. Clinicians' Ability to Detect a Palpable Difference in Spinal Stiffness Compared With a Mechanical Device. *Journal of Manipulative & Physiological Therapeutics*, 42(2):89-95, Feb 2019. <https://doi.org/10.1016/j.jmpt.2019.02.002>. Epub 2019 Apr 15. Pubmed PMID: 31000343.

Wong AYL, Parent EC, Dhillon SS, Prasad N, Samartzis D, **Kawchuk GN**. Differential Patient Responses to Spinal Manipulative Therapy and Their Relation to Spinal Degeneration and Post-Treatment Changes in Disc Diffusion. *European Spine Journal*, 28(2):259-269. [doi: 10.1007/s00586-018-5851-2](https://doi.org/10.1007/s00586-018-5851-2). Epub 2019 Jan 2. PMID: 30604298

Matta A, Karim MZ, Gerami H, Jun P, Funabashi M, **Kawchuk G**, Goldstein A, Foltz W, Sussman M, Eek BC, Erwin WM. NTG-101: A Novel Molecular Therapy That Halts the Progression of Degenerative Disc Disease. *Scientific Reports*, 8(1):16809, Nov 2018. doi: 10.1038/s41598-018-35011-4. PubMed PMID: 30429487; [PubMed](https://pubmed.ncbi.nlm.nih.gov/30429487/) [Central PMCID: PMC6235869](https://pubmed.ncbi.nlm.nih.gov/30429487/).

Greg Kawchuk, BSc, DC, MSc, PhD

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Dr. Greg Kawchuk is a professor in the Faculty of Rehabilitation Medicine at the University of Alberta. He is a CMCC graduate (1990) who practiced chiropractic for 15 years in multidisciplinary settings before becoming a full-time researcher. He was the recipient of the first chiropractic research chair in Canada and in 2004, was recruited to the University of Alberta as the Canada Research Chair in Spinal Function. Dr. Kawchuk's research interests are focused on creating meaningful strategies to prevent and treat spinal disorders. His work spans

basic science, clinical trials and recently healthcare reform. A major component of his research is developing novel technologies to measure spinal function then employing those technologies to evaluate clinical interventions. Competitive awards from the major funding agencies to support Dr. Kawchuk's work which has resulted in over 100 papers, the most recent of which have been published in *Scientific Reports*, *Pain* and *PLOS One*. Dr. Kawchuk was recently re-appointed as the Chair of the World Federation of Chiropractic (WFC) Research Council.

Research Interests:

Back pain.

