

# BALANCED PERFORMANCE



OWL MANOR®  
**PRO-STRIDE**®  
APS



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Research has shown that a combination of anti-inflammatory cytokines and anabolic growth factors are necessary to inhibit osteoarthritis (OA)<sup>1</sup>

**PRO-STRIDE**®

contains a clinically validated<sup>2</sup> combination of both

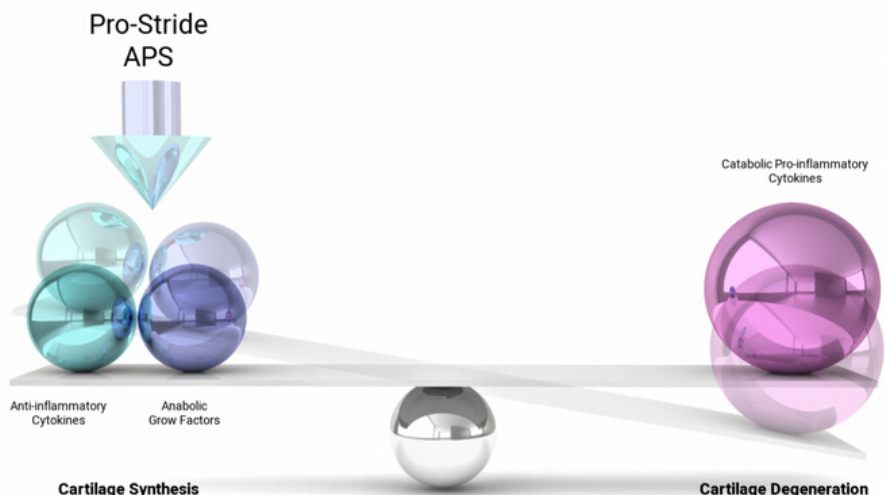
## GROWTH FACTORS

- IGF-1<sup>3,5</sup>
- TGF-β<sup>3-5</sup>
- PDGF<sup>5</sup>
- EGF<sup>5</sup>
- EGF<sup>7</sup>
- HGF<sup>7</sup>

## ANTI-INFLAMMATORY CYTOKINES

- IL-1ra<sup>3-5</sup>
- sIL-1RII<sup>5</sup>
- sTNF-R1<sup>5</sup>
- sTNF-RII<sup>5</sup>
- A2M<sup>6</sup>
- IL-10<sup>4</sup>

### Addressing Inflammatory Imbalance



1. Goldring, M. B., The role of the chondrocyte in osteoarthritis. J Arthritis Rheumatism: Official Journal of the American College of Rheumatology 2000, 43 (9), 1916-1926.
2. Bertone, A. L.; Ishihara, A.; Zekas, L. J.; Wellman, M. L.; Lewis, K. B.; Schwarze, R. A.; Barnaba, A. R.; Schmall, M. L.; Kanter, P. M.; Genovese, R. L., Evaluation of a single intra-articular injection of autologous protein solution for treatment of osteoarthritis in horses. American journal of veterinary research 2014, 75 (2), 141-151.
3. Muir, S.; Reisbig, N.; Baria, M.; Kaeding, C.; AL, B. In Efficient Concentration of Plasma and Insulin-Like Growth Factor With a Polyacrylamide Bead Device, ACVS Surgery Summit, Phoenix, Arizona, Oct. 25-27, 2018; Phoenix, Arizona, 2018; pp 462-465.
4. Linardi, R. L.; Dodson, M. E.; Moss, K. L.; King, W. J.; Ortvad, K. F., The effect of autologous protein solution on the inflammatory cascade in stimulated equine chondrocytes. Frontiers in Veterinary Science 2019.
5. O'Shaughnessey, K.; Matuska, A.; Hoepfner, J.; Farr, J.; Klaassen, M.; Kaeding, C.; Lattermann, C.; King, W.; Woodell-May, J., Autologous protein solution prepared from the blood of osteoarthritic patients contains an enhanced profile of anti-inflammatory cytokines and anabolic growth factors. Journal of Orthopaedic Research 2014, 32 (10), 1349-1355.
6. King, W. Data on File, 2014.
7. King, W. Data on File, 2013.