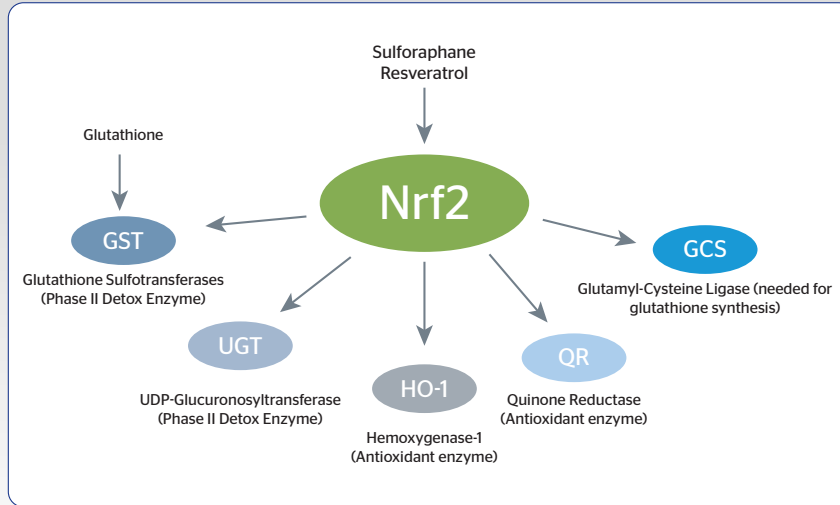


## Simultaneous induction of diverse enzymes



Nrf2 (nuclear factor erythroid 2-related factor 2) is a transcription factor that supports robust, long-lasting expression of numerous genes responsible for detoxification and protection against oxidative stress. It acts as a genomic "switch" and master inducer of more than 1,000 protective genes targeting the induction of phase II enzymes and antioxidant defense systems. Nrf2 acts in the nucleus of cells of nearly every organ, helping to protect the body against toxins, reactive metabolites, reactive oxygen species (ROS) and environmental compounds.<sup>1</sup>