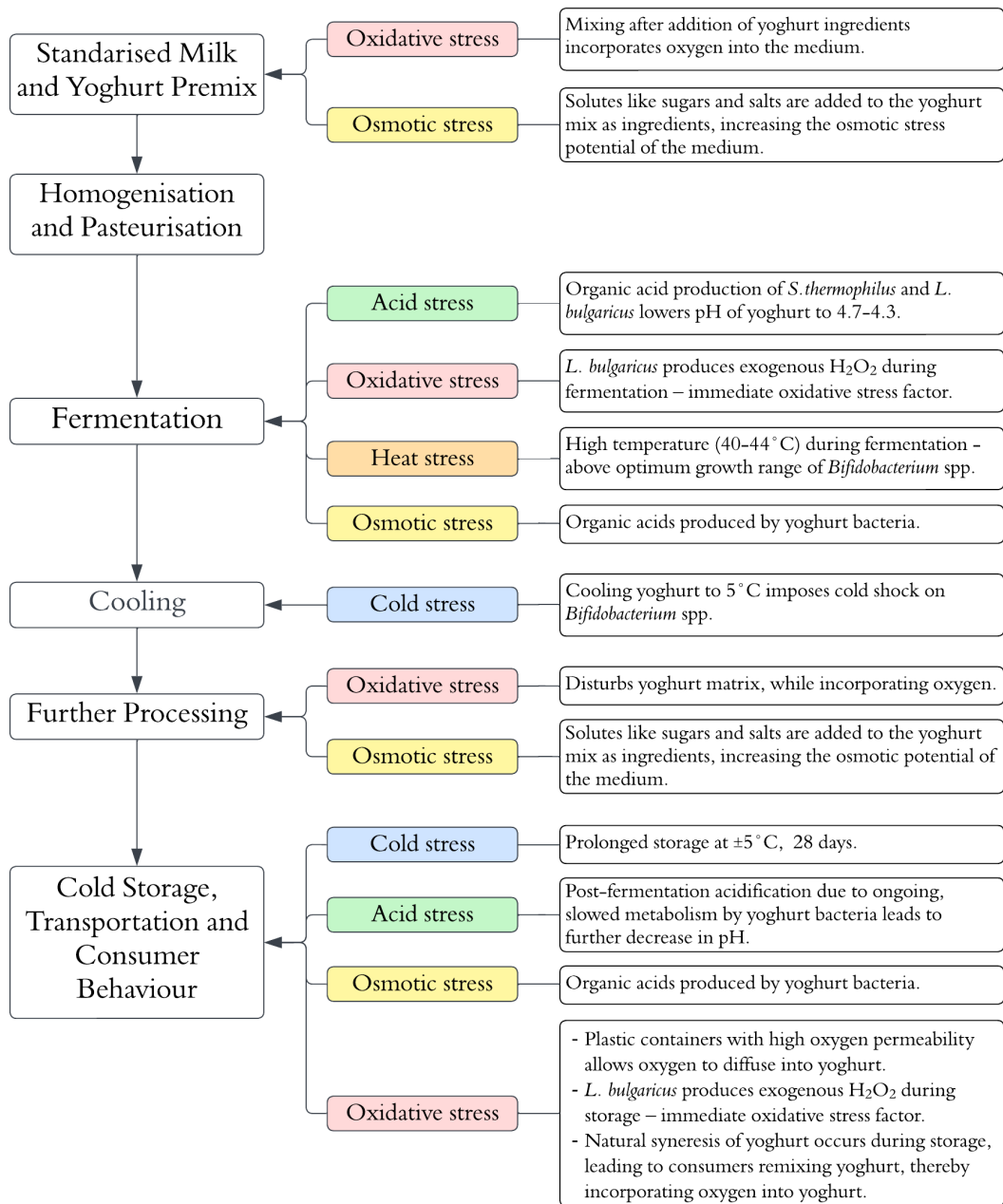


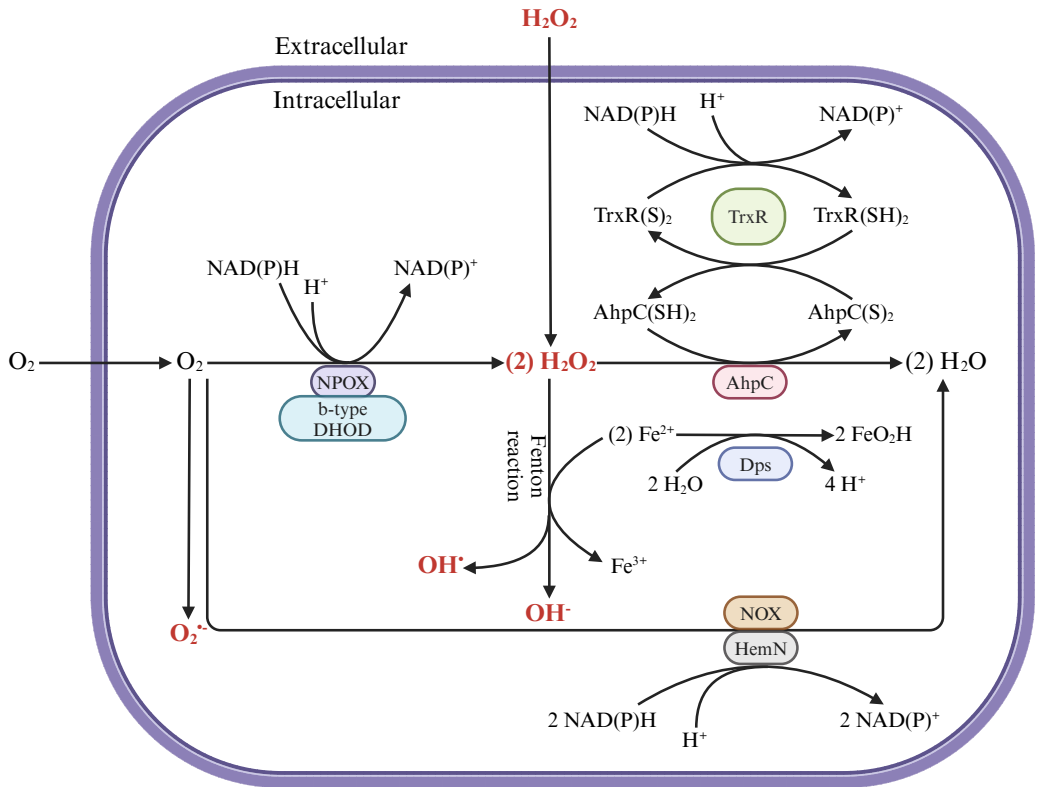
# MSc Thesis - Chapter 2:

# Figures and Tables

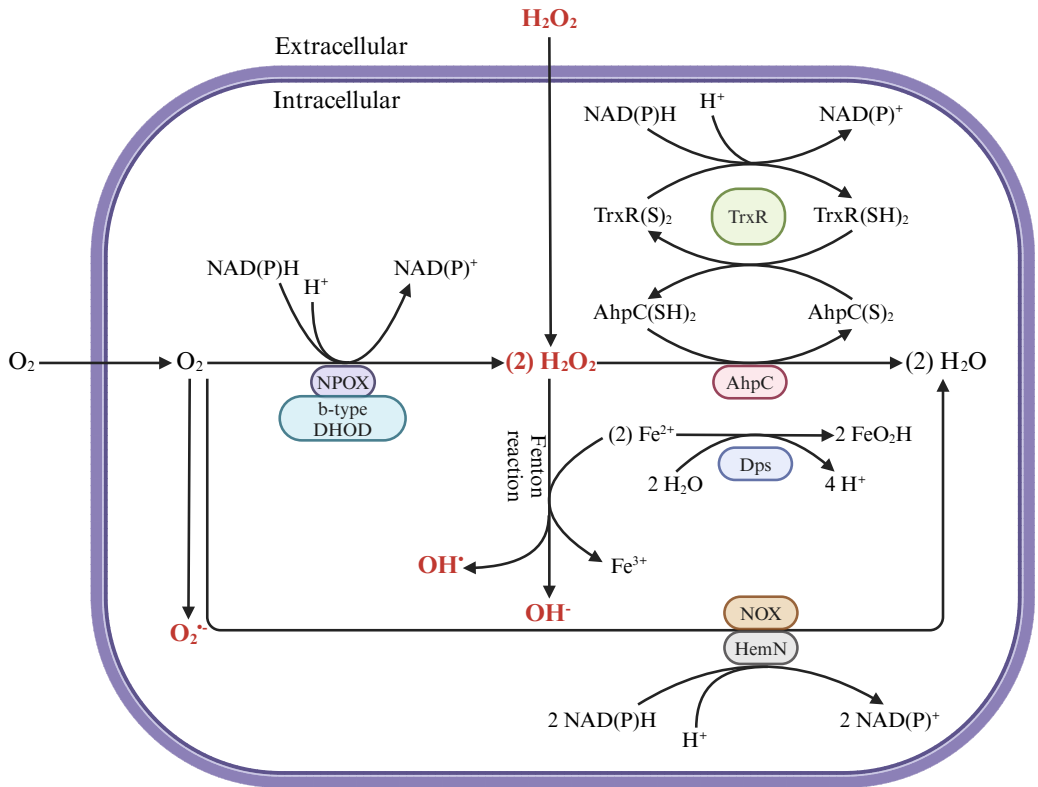
Ursula Louise Thomashoff



**Figure 2.1** Stress factor integration points in the yoghurt production process and their respective impact on *Bifidobacterium* spp. viability. (Adapted from Figure 1 in Sibanda et al. (2024))



**Figure 2.2** Formation of ROS and general response of *Bifidobacterium* spp. to oxidative stress. AhpC, alkyl hydroperoxide reductase C-subunit; DHOD, dihydroorotate dehydrogenase; Dps, DNA-binding ferritin-like protein; HemN, oxygen-independent coproporphyrinogen III oxidase; NOX, NAD(P)H oxidase ( $\text{H}_2\text{O}$ -forming); NPOX, NAD(P)H oxidase ( $\text{H}_2\text{O}_2$ -forming); TrxR, thioredoxin reductase. Adapted from Zuo et al. (2014) and Schöpping et al. (2022). Created with [BioRender.com](https://www.biorender.com).



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