**Figure 2**

**Inflammation Pathway**
- Viral or inflammatory factors
- Endoplasmic reticulum stress
  - Inflammatory cells (e.g. CD8+ lymphocytes) endomysial infiltration
  - Widespread up-regulation of MHC Class I
  - Pro-inflammatory cytokines and chemokines
- Predisposing genes

**Degeneration Pathway**
- Endoplasmic reticulum stress
  - Myotoxic molecules such as β-amyloid accumulation phosphorylated tau and others
  - Other abnormal aggregation and deposit of proteins
  - Proteasome dysfunction
  - Rimmed vacuoles
  - Muscle fibre atrophy and loss
- Predisposing genes

**Oxidative stress**
- Mitochondrial abnormalities
- Ageing