Hyperglycemia
Hyperlipidemia

ROS (reactive oxygen species)

Oxidative stress

Cell apoptosis

Inflammatory cytokines and Metabolites of inflammation

FFA  LDH

Caspase-3

BAX  BCL-2

Diabetic nephropathy

SOD  MDA

Kidney

HFD & STZ

Hyperglycemia  Hyperlipidemia

Carthamus tinctorious L.

Hydroxysafflor yellow A