INTIMAL REDOX STRESS

FIGURE 3: Courtesy [9]

METABOLIC SYNDROME.
ABNORMALITIES ASSOCIATED WITH INSULIN RESISTANCE-
HYPERINSULINEMIA.

HYPERGLYCEMIA  HYPERTENSION
IGT, IFG  and  T2DM

HYPERURICEMIA

MICROALBUMINURIA

INNATE IMMUNITY
Il-6  TNF-alpha

PAI-1
Fibrinogen
Acute Phase Response
Fibrinogen  Hs-CRP

Visceral Obesity
HYPERLIPIDEMIA
^TRIGS, HDL  small dense LDL

Hirsuitism
Hyperandrogenemia
Decreased FSH  ^LH  PCOS

ENDOTHELIAL DYSFUNCTION:
MICROALBUMINURIA.
Selectins CAMs
eNOS-Uncoupling  Increased O2' Superoxide.
Impaired Endothelium-dependent Vasodilation.
ADMA

*AMYLIN