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Abbreviations

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ADP, adenosine diphosphate;
Adenylate pool, ATP+ADP+AMP;
ATP, adenosine triphosphate
AMP, adenosine monophosphate
cAMP, cyclic 3’,5’-adenosine monophosphate;
CAT, catalase enzyme;
BAO, basal acid output;
COX, cyclo-oxygenase enzyme;
DNA, deoxyribonucleic acid;
DU, duodenal ulcer;
“energy charge”, [(ATP+0.5 ADP)/(ATP+ADP+AMP)];
ETOH (EtOH), ethanol;
GMCs, gastric mucosal cells;
GMBF, gastric mucosal blood flow;
GSH-px, glutathione peroxidase;
GSH-red., reduced glutathione;
GU, gastric ulcer;
HCl, hydrochlorid acid;
Hep G2 cell line, human hepatoma cell line;
H. pylori, Helicobacter pylori;
IND, indomethacin;
IP3, inositol triphosphate;
JU, jejunal ulcer;
6-keto-PGF$_{1\alpha}$, metabolite of prosptacyclin;
LDH, lactate dehydrogenase;
MAO, maximal acid ouput;
MARK, mitogen-avtivated protein kinase;
NaOH, sodium hydroxyde;
MDA, malondialdehyde;
NOSAIDs, non-steroidal anti-inflammatory compounds;
NUD, non ulcer dyspepsia;
PGE$_2$, prostaglandin E$_2$;
PGL$_2$, prostacyclin;
PGs, prostaglandins;
PUD, peptic ulcer disease;
RNA, nuleic acids;
ROS, reactive oxydative species;
SOD, superoxide dismutase;
Sp2/0-Ag14 cell line, mouse myeloma cell line.

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