



Glycan Biosynthesis and Metabolism

Glycosphingolipid biosynthesis - globo and isoglobo series

N-Glycan biosynthesis

Other glycan degradation

[B] Glycosyltransferases

Glycosphingolipid biosynthesis - ganglio series

Glycosaminoglycan degradation

Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate

alpha-Linolenic acid metabolism

Glycerophospholipid metabolism

Sphingolipid metabolism

Ether lipid metabolism

Inositol phosphate metabolism

Fructose and

Amino sugar and nucleotide sugar metabolism

Pentose phosphate metabolism

Polysaccharide metabolism

Starch and sucrose metabolism

Galactose metabolism

Glycosaminoglycan biosynthesis - heparan sulfate / heparin

Mucin type O-glycan biosynthesis

Various types of N-glycan biosynthesis

Other types of O-glycan biosynthesis

Glycosaminoglycan biosynthesis - keratan sulfate

[B] Proteoglycans

Linoleic acid metabolism

Retinol metabolism

[B] Lipids biosynthesis proteins

[B] Lipids

Biosynthesis of unsaturated fatty acids

Glycerolipid metabolism

Fatty acid biosynthesis

Fatty acid degradation

Peptidoglycan biosynthesis

Biosynthesis of type II polyketide products

Biosynthesis of type II polyketide backbones

Biosynthesis of enzyme antibiotics

Butanoate metabolism

Fatty acid elongation in mitochondria

Cutin, suberine and wax biosynthesis

Chloroalkane and chloroalkene degradation

Caprolactam degradation

Lipoic acid metabolism

Steroid biosynthesis

Steroid hormone biosynthesis

Atrazine degradation

Methane metabolism

Aminobenzoate degradation

Dioxin degradation

Xylene degradation

Benzoyl degradation

Toluene degradation

Nitrotoxin degradation

Steroid degradation

Fluorobenzoate degradation

Polycyclic aromatic hydrocarbon degradation

Secondary bile acid biosynthesis

Brassinosteroid biosynthesis

Diterpenoid biosynthesis

Indole diterpene alkaloid biosynthesis

[B] Cytochrome P450

Metabolism of xenobiotics by cytochrome P450

Drug metabolism - cytochrome P450

Drug metabolism - other enzymes

Carbohydrate Metabolism

Amino Acid Metabolism

Energy Metabolism

Nucleotide Metabolism

Metabolism of Cofactors and Vitamins

Biosynthesis of Other Secondary Metabolites

Metabolism of Other Amino Acid