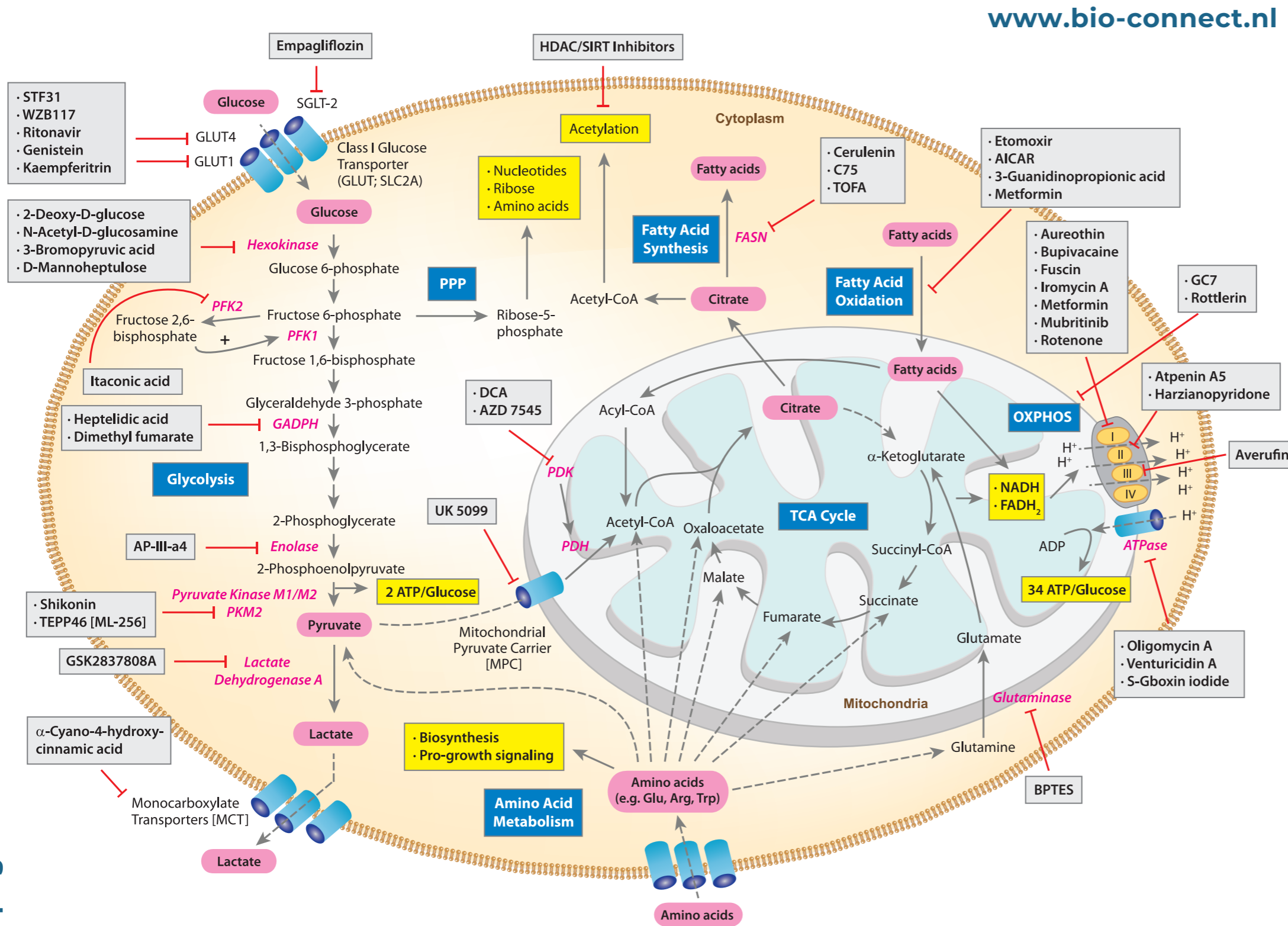


Cell Metabolism Signaling



Glycolysis Modulators

| | | |
|---------------------------------------|-----------|-------------|
| STF-31 | GLUT1 | AG-CR1-3693 |
| WZB117 | GLUT1/4 | AG-CR1-3694 |
| Ritonavir | GLUT1/4 | AG-CR1-3683 |
| Genistein | GLUT4 | AG-CN2-0427 |
| Kaempferitrin | GLUT4 | AG-CN2-0039 |
| Empagliflozin | SGLT-2 | AG-CR1-3619 |
| 2-Deoxy-D-glucose | HK | AG-CR1-3681 |
| N-Acetyl-D-glucosamine | HK | AG-CN2-0489 |
| 3-Bromopyruvic acid | HK 2 | AG-CR1-3682 |
| D-Mannoheptulose | GK/HK | AG-CR1-3695 |
| Itaconic acid | PFKII/SDH | AG-CN2-0426 |
| Itaconic acid 4-octyl ester | PFKII/SDH | AG-CR1-3700 |
| Dimethyl fumarate | GADPH | AG-CR1-3701 |
| Heptelidic acid | GADPH | AG-CN2-0118 |
| AP-III-a4 . HCl | Enolase | AG-CR1-3696 |
| Shikonin | PKM2 | AG-CN2-0487 |
| TEPP46 [ML-265] | PKM2 | AG-CR1-3687 |
| AZD 7545 | PDK2 | AG-CR1-3692 |
| Dichloroacetate (DCA) Na salt | PDK | AG-CR1-3684 |
| GSK2837808A | LDHA | AG-CR1-3685 |
| α-Cyano-4-hydroxycinnamic acid | MCT | AG-CR1-3686 |
| D-Fructose 1,6-diphosphate | Substrate | CDX-F0218 |

Tricarboxylic Acid (TCA) Modulators

| | | |
|------------------------------------|---------------|-------------|
| UK 5099 | MPC | AG-CR1-3691 |
| Propionyl-L-carnitine . HCl | PDH Substrate | AG-CR1-3595 |
| (R)-3-Hydroxybutyric acid | Acetyl-CoA | AG-CR1-3616 |
| | Substrate | |
| Succinate | Substrate | AG-CN2-0521 |
| Glutamine | Substrate | AG-CR1-3534 |

OXPHOS Modulators

| | | |
|---|-------------|-------------|
| Aureothin | Complex I | BVT-0303 |
| Bupivacaine . HCl . H₂O | Complex I | CDX-B0326 |
| Fuscin | Complex I | AG-CN2-0138 |
| Iromycin A | Complex I | BVT-0262 |
| Rotenone | Complex I | AG-CN2-0516 |
| Metformin . HCl | Complex I | AG-CR1-3689 |
| Mubritinib | Complex I | AG-CR1-3755 |
| Atpenin A5 | Complex II | AG-CN2-0100 |
| Harzianopyridone | Complex II | AG-CN2-0149 |
| Averufin | Complex III | AG-CN2-0527 |
| Oligomycin A | ATPase | AG-CN2-0517 |
| S-Gboxin iodide | ATPase | AG-CR1-3533 |
| Venturicidin A | ATPase | BVT-0454 |

Fatty Acid Oxidation Pathway (FAO) Modulators

| | | |
|----------------------------------|--------|-------------|
| (+)-Etomoxir . Na | CTP-1a | AG-CR1-3688 |
| AICAR | AMPK | AG-CR1-0061 |
| 3-Guanidinopropionic acid | AMPK | AG-CR1-3678 |
| Metformin . HCl | AMPK | AG-CR1-3689 |

Fatty Acid Synthesis Pathway (FAS) Modulators

| | | |
|-----------------------------|----------|-------------|
| C75 (FASN Inhibitor) | FASN | AG-CR1-2904 |
| Cerulenin | FASN | AG-CN2-0513 |
| TOFA | ACC/FASN | AG-CR1-2905 |

Amino Acid Metabolic Pathways Modulators

| | | |
|--------------|------|-------------|
| BPTES | GLS1 | AG-CR1-3690 |
|--------------|------|-------------|

ABBREVIATIONS: **ACC:** Acetyl-CoA Carboxylase; **AMPK:** AMP-activated Protein Kinase; **ATPase:** ATP Synthase/ATPases (F1F0); **Complex I:** NADH-Coenzyme Q Oxidoreductase; **Complex II:** Succinate-Q Oxidoreductase; **Complex III:** Ubiquinol Cytochrome C Oxidoreductase; **CPT-1a:** Carnitine Palmitoyltransferase-1; **FASN:** Fatty Acid Synthase; **GADPH:** Glyceraldehyde 3-Phosphate Dehydrogenase; **GK:** Glucokinase; **GLS1:** Glutaminase 1; **GLUT1:** Glucose Transporter 1; **GLUT4:** Glucose Transporter 4; **HK:** Hexokinase; **HK2:** Hexokinase II; **LDHA:** Lactate Dehydrogenase A; **MCT:** Monocarboxylate Transporter; **MPC:** Mitochondrial Pyruvate Carrier; **PDK2:** Pyruvate Dehydrogenase Kinase 2; **PFKII:** Phosphofruktokinase; **PKM2:** Pyruvate Kinase M2; **SDH:** Succinate Dehydrogenase; **SGLT-2:** Sodium Glucose Co-Transporter 2