

Vol 144, 2017

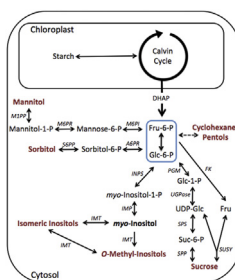
Graphical abstracts

REVIEWS

Post photosynthetic carbon partitioning to sugar alcohols and consequences for plant growth

pp. 243–252

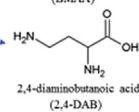
Kathryn Dumschott*, Andreas Richter, Wayne Loescher and Andrew Merchant



Metabolic solutions to the biosynthesis of some diaminomonocarboxylic acids in nature: Formation in cyanobacteria of the neurotoxins 3-N-methyl-2,3-diaminopropanoic acid (BMAA) and 2,4-diaminobutanoic acid (2,4-DAB)

pp. 253–270

Peter B. Nunn* and Geoffrey A. Codd

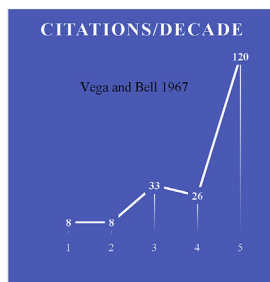


VIEWPOINT

50 years of research on α -amino- β -methylaminopropionic acid (β -methylaminoalanine)

Peter B. Nunn

pp. 271–281

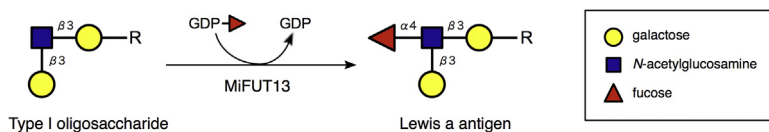


PROTEIN BIOCHEMISTRY AND PROTEOMICS

Molecular cloning and functional expression of Lewis type α 1,3/ α 1,4-fucosyltransferase cDNAs from *Mangifera indica* L.

Takahiro Okada*, Hideyuki Ihara, Ritsu Ito and Yoshitaka Ikeda

pp. 98–105

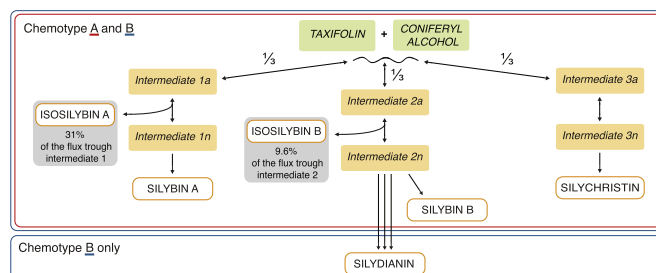
The enzyme reaction of the MIFUT13 proteins from *Mangifera indica* L. leading to Lewis a antigen

METABOLISM AND METABOLOMICS

The study of flavonolignan association patterns in fruits of diverging *Silybum marianum* (L.) Gaertn. chemotypes provides new insights into the silymarin biosynthetic pathway

Tommaso Martinelli*, Anne Whittaker, Stefano Benedettelli, Andrea Carboni and Jadwiga Andrzejewska

pp. 9–18



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