



<sup>a</sup> CDG presentations are variable and often not recognizable on clinical grounds alone

<sup>b</sup> One or more of the following: elevated ALP, reduced clotting factors, reduced blood/urine manganese, endocrine abnormalities, proteinuria

<sup>c</sup> Frontiers in Congenital Disorders of Glycosylation (FCDGC)

<sup>d</sup> Secondary causes include alcohol abuse, liver dysfunction