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APPENDIX

The technique for plotting individual points on a three-dimensional response surface contour graph is illustrated below by plotting ΔE 500 pg/dl at a postconceptional age of 160 days to determine the predicted ΔMAP. The *heavy arrow* in Appendix Figure 1a at postconceptional age 145 days signifies birth.

As shown in Appendix Figure 1a, ΔE 500 pg/dl is first located on the ΔE (X) axis. The point (X) is transposed to the response surface contour by moving the point upward in parallel with the ΔMAP (Z) axis plane, illustrated by the *arrows* to the transposed 0 and 500 pg/dl *points* in Appendix Figure 1a.

As shown in Appendix Figure 1b, postconceptional age of 160 days is then located on the Y scale. This point (Y) is then transposed to the response surface contour by moving the point upward in parallel with the ΔMAP (Z) axis plane, as illustrated by the *arrow* to point Y in Appendix Figure 1b. The intersection of the contour lines from point X (ΔE) and Y (postconceptional age), respectively, is illustrated as *point* (X, Y, Z) in Appendix Figure 1b.

As illustrated in Appendix Figure 1c, the length of the vector (*black line*) drawn in parallel to the ΔMAP (Z) axis from point (X, Y, Z) to the (X, Y) plane, when transposed to the ΔMAP scale, indicates the predicted ΔMAP relative to these two variables. This vector is transposed to the ΔMAP (Z) scale as indicated by the *arrows*. Thus, the predicted ΔMAP associated with ΔE 500 pg/ml at 160 days postconceptional age is 40 mm Hg on this response surface contour plot.

Announcement

Symposium

An International Symposium on Clinical, Biochemical, and Molecular Aspects of Fatty Acid Oxidation will be held at the Penn Tower Hotel, Philadelphia, PA, from November 6-9, 1988. Co-organizers of the Symposium are Kay Tanaka, M.D. and Paul M. Coates, Ph.D.

For information regarding registration and submission of abstracts, please contact: Paul M. Coates, Ph.D., Division of Genetics, Children's Hospital of Philadelphia, 34th and Civic Center Blvd., Philadelphia, PA 19104.

Deadline for registration and abstracts is June 1, 1988. Registration is limited to 200 participants.