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Historically Exposed to TCDD at Seveso

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Description Notes Item appears to be information on a proposal for a study,
addressing the concept, logistics, and advantages.

**CASE REPORT STUDY OF INDIVIDUALS
HISTORICALLY EXPOSED TO TCDD AT SEVESO**

Concept: To determine serum lipid levels of TCDD and current health status of fifteen to twenty individuals that developed chloracne as a result of the Seveso incident. Historical medical records would be reviewed and the individuals would be subjected to a thorough medical examination. The medical examination would be based on the current knowledge of the effects of TCDD. The study of these individuals would be conducted on a collaborative basis between Dr. Philip Guzelian of the Medical College of Virginia and Dr. Mocarelli.

Logistics: Dr. Mocarelli believes that the complete study of the 60 individuals, as originally developed by Syntex and Dr. Mocarelli, could have been completed in 4 to 6 months after the appropriate approvals. In addition, Dr. Mocarelli was willing, prior to meeting with Dr. Young, to provide 6 to 10 serum samples (for the categorization of dioxin levels) on his personal authority with a two to three week lead time. It is possible to complete the feasibility study, proposed, in 2 to 3 months and Syntex will provide funding for this study. The involvement of the U.S. government can provide support for the concept of a study and will help to facilitate the approvals necessary for the initial feasibility study and the larger scale study, if appropriate.

Advantages: The feasibility study would allow the determination of TCDD levels in order to put the exposures of the Italian population into perspective with regard to levels that have been determined in other populations (e.g., the Viet Nam Veterans, those occupationally exposed, etc.). In addition, if the levels of TCDD found are relatively high the medical tests could provide preliminary data regarding health status. This study will provide information that could facilitate the review and approval cycle for the funding of a large scale study.