Rosenthal, S. R.: Neutralization of Histamine and Burn Toxin. Ann. Surg., 106:257, 1937.

736

- Rosenthal, S. R.: The Toxin of Burns. Ann. Surg. 106:111, 1937.
- Rosenthal, S. R. and G. P. Lewis: Thermal Injury of the Skin, Univ. Illinois Annual Progress Report to ONR, 31 p., 1960.
- Rosenthal, S. R., F. R. Hunter and A. D. Williams: Studies of Burn Toxin. Proc. Intern. Physiol. Cong., 1956.
- Rosenthal, S. R.: Substances Released from the Skin Following Thermal Injury burn toxin. Surg., 46:932, 1959.
- 31. Rosenthal, S. R., J. B. Hartney and W. A. Spurrier: Tissue Culture and Serological Demonstration of Toxin-antitoxin Phenomenon in Injury, in Artz, C. P., Research in Burns, Amer. Institute of Biological Sciences, Wash., D. C. and Philadelphia, F. A. Davis Co., 1962.
- 32. Schutz, F.: Antikorperbildung gegen die in verbrannter haut nachweisbaren toxischen substanzen (Development of antibodies against toxic substances in the burned skin). Proc. of the XVth Intern. Physiol. Cong., Leningrad, 1935, State Biological and Medical Press, pp. 582–3, 1938.
- Segal, G. I. and Z. M. Uzdin: quoted by Malm, O. J.<sup>17</sup>
- 34. Sell, K. W.: Evaluation of the Toxin-antitoxin

Effects of Serum from Burned Individuals, ONR, Jan., 1962.

Annals of Surgery

May 1963

- 35. Sell, K. W.: Summarization of Investigations
  Conducted at the National Naval Medical
  Center, Concerning a Proposed Toxin and
  Antitoxin in the Serum of Burned Patients,
  Appendix C, Immunotransfusion in the
  Treatment of Burns, Subcommittee on
  Plasma, Natl. Acad. of Sciences, Natl. Res.
  Coun., Div. of Med. Sciences, Nov., 1961.
- 36. Sevitt, S.: Burns: Pathology and Therapeutic Applications. London, Butterworth, 1957.
- Sharp, A. and L. J. Olson: Hypersensitivity Responses in Toxocara-Ascaris- and Trichinella-infected Guinea Pigs to Homologous and Heterologous Challenge. J. Parasitol., 48:362, 1962.
- Singer, J. M. and C. M. Plotz: The Latex Fixation Test, I. Application to the Serologic Diagnosis of Rheumatoid Arthritis. Amer. J. Med., 21:888, 1956.
- Simonart, A.: Au sujet de l'auto-intoxication après brulare. (On the subject of autointoxication after burn.) Bull. Acad. Roy. Med. Belg., 20:75, 1955.
- Wertheim, G.: Ueber die veranderunsen des elutes bei verbrennunger and verbruhungen. Wiener Med. Presse, 9:309, 1868.
- Wertheim, G.: On the Blood of Burned Animals. Wiener Med. Presse, 9:605, 1868.

## Discussion

DR. TRUMAN G. BLOCKER, JR. (Galveston): After a great deal of thought, I have come to the conclusion that the burn toxin is like the flying saucer: Some have never seen it, but have an open mind about it; some have thought they have

seen it but later are not sure or prove to be mistaken; some have never seen it and would not believe it if they did see it; and some have seen it for themselves and even if they were proven to be wrong, could never be convinced otherwise. I hope I stand in the open-minded group.