

UNIVERSITY OF WASHINGTON
SEATTLE 5, WASHINGTON

Department of Orthopedic Surgery
January 10, 1964.

Viktor Hamburger
Professor of Zoology
Washington University
St. Louis, Missouri

Dear Professor Hamburger:

I am taking the liberty of writing to you directly as I feel in some small part a friend, as I was a friend of your daughter, Carola at Swarthmore College. Firstly, I wanted to tell you of what great assistance your article on Mitotic Patterns in the Chick Spinal Cord was to me in the work I am doing. And secondly, I wanted to ask your assistance.

My training has been Medical, primarily Pediatrics. I am now engaged in studying the process of neural tube closure in normal rat embryos, with particular interest ⁱⁿ to the area of the posterior neuropore and the fate of the neural tube posterior to the neuropore.

Since my training has not been primarily embryological I wondered whether you might be aware of any work done on the rat which has to now deluded me. I have already taken advantage of the works of Huber, Nicholas and Butcher on the development of the rat. Any reference you might suggest would be greatly appreciated.

We are particularly interested in the area of posterior neuropore with reference to its possible relationship to meningomyelocele defects in children, and have had some success in producing meningomyelocele-like lesions in trypan-blue treated animals - full-term embryos. We are now trying to develop a series of normal embryos with which to compare similar gestation stages in the trypan-blue treated animal.

Any help you might offer would be gratefully received. Please extend my greetings to Carola.

Sincerely,
 Carol Edelstein Weichert M.D.
 Dept. of Orthopedic Surgery
 Univ. of Washington
 Seattle, Washington.