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Microtechnique Group - The Biology Society

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The work of this group is divided into two sections, laboratory and seminar. In the summer, on Friday afternoons, members and guests of all other groups concerned with micrological technique -- such as Bacteriology, Protozoology, Histology, Botany, etc. -- are invited to attend and, in some cases, address a discussion on various phases of general and specific microtechnique. The program for discussions comprises:

1. The Theory of Fixation, and practical applications
2. The Theory of Staining, etc.
3. Histochemical demonstration Methods: Cephal, Golgi, etc.
4. Specific Histo-Chemical Methods
5. Vital and Supra-Vital Staining
6. Tissue Culture
7. Bacterial Pathologic Technique
8. Protozoan Fixation
9. Botanical Techniques
10. General Zoological and Histological Method
11. Dissection and Tissue Printing, etc.
12. The Action of the Microscope

All members are invited to attend these interesting discussions.

The Laboratory Section is working in conjunction with the Histology Group, and will thus concern itself with the techniques for the histology and cytology of the cells of the nervous system. To this end, the following preparations are desired:

Golgi, slow and rapid methods, for Golgi Bodian's preparations, etc.
Cajal—formal fixation: impregnation for topography, nerve fibers.

Edinger—Cajal decanoyl formal: Mitochondria

Hoechst (ceramic acid): Edinger Bodies

Vitel Stain, James Gunn with Metal Pl: Mitochondria.

Meanwhile, until the preparation of formalin and other materials needed for these methods, sections and blocks will be made of other tissues by simple techniques in order to enquire this fundamental method (Serum, Hydrol, paraffin embedding) into the group minus mutability. There is no particular preference, although use of the stomach or intestine of a rabbit, Bouin's fixation, is suggested.