

Program - The Histology Group - Biology Society of Strayerland H.S.

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The basis of the program is the ^{systematic} study of the various organs using histological techniques. Preparations of stained slides through sections prepared through the diorane-paraffin technique have been shown and taught and learned. Staining methods - using such different stains as hematoxylin, methylene blue, eosin, Wright's, fuchsin, gentian violet, picric acid, ormsic acid (if obtainable) are to be thoroughly learnt as a function of their specific uses.

We hope to employ the alcohol-ether celloidin technique this term in preparing sections. Concerning the tissues to be covered, we have already studied muscle and whole mounts of blood, and are now working on connective tissue. The beginning of the term was devoted to fundamentals. The techniques in histology are already familiar to you, so that repetition is to be avoided, but in the course of this ^{and} next term, the following organs are to be studied carefully through ~~the~~

slides we are to prepare of them. Plans and some preparations have already been made.

The tissues
The blood - smears and sections of reagents on whole mounts
Connective tissues - teased white and yellow fibres; sections of tissue.

Muscle - teased preparations after Ranvier's 33% alcohol and stained sections.

Nerve fibres - teased prep and sections. We hope to get some osmic acid without bundling the club with its response.

The heart - sections from rabbit organ.

The blood-vessels - sections from rabbit

The spleen, tonsil and thymus - sections, and, for spleen, teased preparations.

The four most important endocrines: Adrenal, Thyroid, parathyroid, pituitary. And this is all we propose to do this term.

Approved, Joshua Lederberg, President Bio. Soc.

Appd. Jerry C. Schum, Faculty Admin.

The above-named members of the Histology Group are hereby permitted to use the Laboratory facilities. Jerry C. Schum