

1086 East 180 Street,
Bronx, N.Y.,
January 11, 1941.

Mr. Henry Platt;
The American Institute Science Laboratory,
310 Fifth Avenue,
New York, N.Y.

Dear Sir:

Enclosed, you will please find the completed consent blank, as requested. I should also like to append a more complete list of the equipment necessary for the project, 'Cytology and the Theory of Fixation (of Animal and Plant Cells)', than was compiled in your office today.

Required, the first week:

Formalin, U.S.P. 29%,	100 to 500 cc.	F
Picric Acid, C.P. cryst.,	20 to 50 g.	F and st
Glacial Acetic Acid, C.P.	200 to 350 cc	F
Urea, C.P., cryst.	5 to 10 g.	F
Chromic Acid, C.P. anhyd.	20-30 g.	F
Methyl Alcohol, synthetic or absolute	100-500 cc.	F, wash,
Potassium Dichromate,	50 to 75 g.	F
Dioxane, anhyd.	1 to 4 lbs.	dehydrate, infiltr
Xylol	1 to 2 lbs.	stain and clear
Paraffin, m.p. 48 - 50° C.,	1 to 2 lbs.	infiltr and imbed
Mercuric Chloride,	10 g.	F
Osmic Acid, if ever available, whenever available,	up to 2 g.	F st
Immersion oil	25 cc.	

Microscope

Dissecting instruments

Note: The chemicals enumerated above are those that are required for fixation, embedding etc., and for observing some preparations already made. The reference to Osmic Acid is meant literally in the sense that I should be supremely overjoyed to lay my hands even on a few molecules of it. The chemicals marked 'F' are to be used in preparing fixatives. The quantities are sufficient for preparing a several months supply of the various ones, but the lesser amounts indicated are rather necessary to begin operations, although some preliminaries might be possible. The others would be used in further preparing the tissues and cells for microscopy.

Stains and mordants, etc., for the second week and thereafter are: Slides, cover-glasses (#1 please) and boxes, etc., for about 100 preparations. Damar or balsam for mounting. Slide labels. Bon Ami.

Benatroylin, cryst., C.P. (or equivalent) 2 g.

6 Staining Staining Glasses.

Eosin. W. & A. Sol. 1 g.

Delafields Benatroylin solution- this can be obtained elsewhere.

Acid Fuchsin (Sodium Salt of Rosaniline Sulfonic Acid, Rubine S)
2 g.

Basic Fuchsin 2g.

Gentian Violet 2 g.

Ammonia Water, Distilled Water, Conc. HCl, probably in stock.

Cadmium Chloride 5 g. (For Aoyama Method of staining dictyosomes)

Sodium Sulphite, 10 g.

Sodium Chloride C.P. 100g.

Expectantly grateful for this anticipated opportunity,

I remain Sincerely and Truly yours,

Equipment:
microtome
microteter.

Joshua Lederberg