

C. STEPHEN FOSTER, M.D., F.A.C.S., F.A.C.R.  
*Clinical Professor of Ophthalmology  
Harvard Medical School  
Ocular Immunology and Uveitis Foundation  
Founder and President*



STEPHEN D. ANESI, M.D.  
*Staff Physician*  
1440 Main Street, Suite 201  
Waltham, Massachusetts 02451

## Massachusetts Eye Research and Surgery Institution

Est. 2005

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Appointments: 781-891-6377 • Toll free: 866-353-6377 • Fax: 781-647-1430  
Web: [www.mersi.com](http://www.mersi.com), [www.uveitis.org](http://www.uveitis.org) • Email: [sfoster@mersi.com](mailto:sfoster@mersi.com) • [sanesi@mersi.com](mailto:sanesi@mersi.com)

Dear Colleagues:

If you are interested in sending specimen to Dr. Foster's Laboratory at MERSI for O.C.T. processing for immunochemistry study, please do the following way (1 or 2):

1. Immerse specimen in Michel's medium for no more than 5 days. Keep it in 4 °C. The specimen can then be sent to us via express mail service in the Michel's medium. We can then embed it in Tissue-Tek O.C.T. compound for the cryostat sectioning.
2. Alternatively, the specimen can be snap frozen with Liquid Nitrogen immediately when the tissue be cut and embed this frozen specimen in Tissue-Tek Compound (O.C.T.), always keep it in -80°C and then send it to us in **sufficient** dry ice by overnight mailing.
3. Please be sure to provide us enough size of specimen (at least 5x8 mm) with patient's brief clinical information.
4. You may get (O.C.T.) from:  
"Richard-Allan Scientific"  
Name-Frozen section medium  
Cat. 6502  
[Tel:800-522-7270](tel:800-522-7270)
5. Send to attn.: Dr. Tongzhen Zhao (to address above)  
Before you send out specimen, please contact Dr. Zhao to notify her and to be sure that she will be here. Our lab is closed Saturday and Sunday. Please do not send on Friday.

Thank you.

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Massachusetts Eye Research and Surgery Institution (MERSI) offers a CLIA certified diagnostic immunopathology laboratory for ocular tissue. Our Laboratory Director, C. Stephen Foster, M.D., has engaged in laboratory research for 35 years and has overseen our certified patient diagnostic laboratory since 2011.

### Diagnostic Services Available:

1. Routine Histopathology
2. Immunopathology
  - a. Immunofluorescence
  - b. Immunoperoxidase

Instructions for Specimen Submission: Please follow one of these procedures for tissue submission.

#### **Procedure 1**

The tissue can be fixed in O.C.T. and sent immediately in sufficient dry ice by overnight mailing. This is the ideal mode of submission and gives the best results.

#### **Procedure 2**

Alternatively, Immerse specimen in Michel's medium. The specimen can then be sent to us via express mail service in the Michel's medium. We can then embed it in Tissue-Tek O.C.T. compound for cryostat sectioning.

[Print form](#) to complete and mail with specimen.

Physicians interested in sending ocular tissue samples for diagnostic analysis should contact Dr. Zhao at 781-891-6377 for details on required patient information and packaging requirements.

If you live in the States of California, Florida, Maryland, New York, Pennsylvania and Rhode Island please call Scott Evans at 617-620-8033 before submitting specimens.

If your patient has the following insurance, please contact MERSI directly before sending specimen samples:

- Ambetter from CeliCare
- BMC
- Celtic Care
- Commonwealth Care Alliance
- Empire NY
- Free Care – HSN/Partial HSN
- FCHP
- GHI
- Golden Rule
- Kaiser Permanente
- Minuteman Health
- Optum Care
- Oxford Liberty
- International Insurance Plans
- Student International Insurance Plans
- Any form of Medicaid

For questions regarding insurance, please contact:

Ferida Tadic – MERSI Office Manager: 781-891-6377

Ione Aponte – MERSI Billing Coordinator: 781-891-6377

## **Michel's Transport Medium**

Michel's transport medium (pronounced mee-SHELL) is used to transport specimens (such as renal biopsies and lymph nodes) for immunofluorescence studies. It is not a fixative and is not suitable for any other use (particularly, it is not suitable for transporting living cells for flow cytometry). It should be stored refrigerated (not frozen) until use. Specimens may be kept in it at room temperature until they can be delivered to the reference laboratory. Zeus Medium, a commercial product, is probably similar.

Michel's Transport Medium can either be ordered or made. Instructions for both are below:

### **Order Information**

Poly Scientific R&D Corp

[www.polyRnD.com](http://www.polyRnD.com)

70 Cleveland Ave.

Bay Shore, NY 11706

1-800-645-5825 or 631-586-0400

Catalog #S2168

### **Instructions for making Michel's Transport Medium**

1.0M potassium citrate buffer pH 7.0:

Dissolve 21.0g citric acid monohydrate

9 or 19.2g citric acid anhydrous

In 30 mL of hot deionized or distilled water. Cool.

Adjust pH to 7.0 with 1 M potassium hydroxide (about 35 mL)

Dilute 100 mL with more water.

# MERSI IMMUNOPATHOLOGY LAB

1440 Main Street, Suite 201

Waltham, MA 02451

(Phone) 781-891-6377 (Fax) (781) 647-1430

## TEST REQUISITION FORM

PATIENT INFORMATION		PHYSICIAN INFORMATION	
Patient Name:		Physician Name:	
Patient ID#:		Institution:	
DOB:	SEX:	Address:	
Insurance Company Name:			
Insurance ID:			
Subscriber Name:		DOB:	
Self Pay: Circle One - Y N			
Credit Card Name:			
Credit Card Number:			
Credit Card Exp Date:			
Lab Accession #:			
Collection Date:	Time:	Phone:	FAX:
Specimen Type:			
Clinical History:		Physician Signature:	
		Physician Name (printed):	
Diagnosis:		Date Signed:	
<b>TESTS REQUESTED</b>			

Tests	Comments
<input type="checkbox"/> H&E	
<input type="checkbox"/> PAS	
<input type="checkbox"/> Giemsa	
<input type="checkbox"/> Immunofluorescence	
<input type="checkbox"/> Immunoperoxidase	
<input type="checkbox"/> Indirect Immunofluorescence	
<input type="checkbox"/>	

SPECIMEN DELIVERY ADDRESS	CLINICAL LAB USE ONLY
Send samples <b>OVERNIGHT</b> on cold packs to: <b>MERSI IMMUNOPATHOLOGY LAB</b> <b>ATT: Dr. Tongzhen Zhao</b> <b>1440 Main Street, Suite 201</b> <b>Waltham, MA 02451</b> Call lab @ 781-891-6377 prior to sending (ask for Dr. Zhao) See instructions for fixing tissue attached <b>Ship samples only Monday through Thursday</b> CLIA # 22D2017227	Date received: _____ Time: _____
	Specimen Type: _____
	Report Date: _____
	Sample Condition: _____
	Comments: _____
	DIRECTOR: C. Stephen Foster, M.D.