From: Wetstone, Scott L.

Sent: Tuesday, October 27, 2015 1:53 PM

To: Wetstone, Scott L.

Subject: FW: Request more information

Attachments: Researcher Application.pdf; ATT00001..htm

From: Stem-Ex [mailto:info@stem-ex.com]
Sent: Friday, July 23, 2010 11:24 AM

To: Zecevic, Nada **Cc:** Cate Dyer

Subject: Re: Request more information

Hi Dr. Zecevic,

We could defiantly provide you with fetal brain specimens. That is very nice of Dr. Brad Poulos to forward over to you our information.

I have attached our Researcher Application which is just requesting some general information. On the first page of the document is our fees for services. If you have any questions please don't hesitate to ask.

A few questions for you, are you working on a project currently that you need samples for and if so what gestation are you looking for?

Thanks,

Cate Dyer

STEM-EX

484 Main Street, Suite 1 Diamond Springs, CA 95619

T: 877-900-STEM (7836)

F: 530-647-2500

FEES FOR SERVICES SCHEDULE

FETAL CADAVEROUS PROCUREMENT SERVICE FEE	
2nd trimester D & E (13 - 24 weeks)PER SPECIMEN \$1 1st trimester aspiration (5 - 12 weeks)PER SPECIMEN \$3 Complete POCPER SPECIMEN \$3 BLOOD SAMPLE PROCUREMENT	390
DECOD SAMI LE I ROCOREMENT	
Maternal PeripheralPER SPECIMEN \$1 Adult PeripheralPER SPECIMEN \$1 Full Term Umbilical CordPER SPECIMEN \$4	185
SPECIAL PROCESSING/PRESERVATION	
Tissue "cleaning"	45 40
INFECTIOUS DISEASE SCREENING *	
HIV, HBsAg\$7 Additional tests are available	75
DELIVERY *	

Researcher will be responsible for paying costs of shipping to FedEx. In the event that Stem-Ex is billed for shipping costs shall be as follows:

Federal Express Priority Overnight	\$85
Federal Express First Overnight	\$115
Federal Express Saturday Delivery	\$100

Other shipping methods may be determined by mutual agreement.

Our Terms: Net Due Upon Receipt

These Fees are Effective April 1st, 2010

^{*}Lab and Courier fees are subject to change based upon increase imposed by providers.

APPLICATION FOR THE ACQUISITION OF HUMAN TISSUE FOR RESEARCH

Our medical director reviews all requests for human tissue for feasibility of procurement and preparation. When approved, an individual protocol will be developed for the procurement, preparation and delivery of tissue samples, based on the information provided in this application and any subsequent communication.

I.	APPLICANT INFORMATION	
NAME:	TITLE:	
COMPA	Y: PARENT COMPANY (IF APL.):	
ADDRE	3:	
ADDRE	S:CITY, ST, ZIP:	
COUNT	Y:OFFICE PHONE:	
ALT/CE	L: FAX:	
EMAIL:		
II.	DELIVERY OPTIONS	
SHIP TO	ADDRESS: SAME AS ABOVE /OR:	
	CITY, ST, ZIP, COUNTRY:	
PLEASE	CHECK ALL OPTIONS OF INTEREST:	
□Inter	ational Shipping: Will be arranged on a case-by-case basis.	
□Same	Day Delivery: By Commercial Carrier/ Hand Delivered *Available in select locations only.	
□FedE	First Priority Overnight: FedEx will deliver to your location roughly around 8am the day after procurement.	
□FedE	Priority Overnight: FedEx will deliver to your location roughly around 10:30am the day after procurement.	
SHIPPII	G ACCOUNT INFORMATION:	
Or □Appl Or	Account Number Internal Reference #: (If required by your company) ant will be setting up a FedEx Account carrier applicant would like to use: PHONE #:	
III.	TISSUE REQUESTED	
GESTAT	ONAL AGE REQUESTED (5-24 WEEKS):	
TISSUE	PECIMENS REQUESTED:	
NUMBE	OF SPECIMENS REQUESTED: PER WEEK PER MC	ONTH
DO YOU	REQUIRE A BLOOD SAMPLE TO BE SENT WITH THE TISSUE: YES NO	
Applica	YOU LIKE STEM-EX TO RUN CONTAGIOUS DISEASE SCREENING: Trequests that the following blood tests be preformed: HBSAG HCV HSV CMV RPR OTHER: ults availability vary from 24 hours to 7 days after procurement)	

IV. DONOR INFORMATION

Each and every donor is consented prior to specimen procurement. The consent form is confidential and therefore shall not be accessible to the applicant. The applicant can however request certain medical history information about the donor, which Stem-Ex may disclose at its sole discretion. In every instance, however, the patient shall remain anonymous.

SPEC	IFIC DONOR INFORMATION REQUESTI	ED (IE. AGE, ETHNICITY, Rh TYPE ETC.):
 V.	PRESERVATION	
	A OPTIONS:	
	PMI Provided by STEM-EX	☐ Media provided by Applicant
	IGERANT OPTIONS:	media provided by Applicant
	resh / Shipped on wet Ice	☐ Passive / Freezing and shipping on dry ice
	nap Freezing / LN2, shipped on dry ice	rassive / rreezing and simpping on dry lee
VI.	RESEARCH DATA	
sumn		ed on those who provide information on current research funding and a short e every application should have a brief synopsis of the research project ur medical director.
	POSE OF USE: Applicant and Researcher oses only.	rs agree to use the tissue and or blood received by STEM-EX for research
blood		e acknowledged in any publication resulting from the use of any tissue and or de STEM-EX with a copy of the publication and/or or the journal citation. Notice nmediately.
TITLI	E OF THE RESEARCH PROJECT:	
VII.	PRIMARY SOURCE OF FUNDING I	FOR THIS PROJECT: (Please check all the apply)
☐ F(DUNDATION GRANTS	RANTS STATE GRANTS NIH
□ o	ГНЕR:	
	s application is approved by STEM-EX, v tions attached to this application.	we will provide services to the applicant in accordance with the terms and
	GINING BELOW, THE APPLICANT ACKI OWING PAGES AND AGREES TO SUCH	NOWLEDGES HAVING READ THE TERMS AND CONDITIONS ON THE TERMS AND CONDITIONS.
SIGN	ATURE OF APPLICANT / P.I.	DATE
PRIN	T NAME AND TITLE OF APPLICANT / P	P.I.

TERMS AND CONDITIONS

Upon approval of the attached Researcher Application, both Researcher and Stem-Ex, LLC, agree to be bound by the following terms and conditions:

1. DEFINITIONS:

- A. The term "fetal organ" has the same meaning as the term defined in the National Organ Transplant Act (42 U.S.C.A. 274e(c)(1)) and means the human kidney, liver, heart, lung, pancreas, bone marrow, cornea, eye, bone, and skin or any subpart thereof and any other human organ or any subpart thereof, as from a fetus.
- B. The term "product of conception" ("POC") means any fetal organ or other fetal or placental material taken from the human uterus during an abortion.
- C. The term "maternal bloods" means blood samples taken from a pregnant woman.
- D. The term "donor" means a person who has voluntarily consented to allow POC or maternal bloods to be used for scientific, medical, or research purposes.
- 2. SERVICES STEM-EX PROVIDES: Stem-Ex is a company devoted to providing services related to the procurement of human organs, tissues, and blood for medical research in order to facilitate medical research utilizing those tissues. Stem-Ex procures and ships POC and maternal bloods, preserves and processes POC, and provides infectious disease testing of donors.
- 3. PRICE FOR SERVICES: Stem-Ex procures POC, maternal bloods, and provides other services at the rates shown on the attached "Fees for Services." Rates may change upon thirty-days notice to researchers.
- 4. PAYMENT FOR SERVICES: Stem-Ex will invoice Researcher via e-mail for charges incurred daily, unless other arrangements are made. Payment will be due upon Researcher receipt of invoice.
- 5. SHIPPING: Researcher will be responsible for paying cost of shipping. Shipping costs will be charged directly to Researcher via Fed-Ex, and Researcher is responsible for obtaining a Fed-Ex account and providing account information to Stem-Ex. Any shipping charges reversed to Stem-Ex will be subject to the rates shown on the attached "Fees for Services," which may change without notice. Other shipping methods may be determined by mutual agreement after approval of the Researcher Application. International shipping may be arranged on a case-by-case basis.
- 6. REQUESTING SERVICES: Researcher shall notify Stem-Ex at least one day in advance of requested services, identifying specifically the tissue requested and any special treatment requested. Stem-Ex will make every reasonable effort to obtain the requested tissue. However, Stem-Ex is not obligated to provide any minimum number of POCs or maternal bloods. Stem-Ex has no control over the number of donors that will consent to donate POCs or maternal bloods for research.

- 7. CONFIDENTIAL INFORMATION: Any donor information obtained by Stem-Ex is privileged, and Stem-Ex treats donor information in a manner that preserves the confidentiality of the donor. Stem-Ex will provide Researcher with only minimal and non-privileged information regarding donors.
- 8. AGREEMENT TERM: The term of this Agreement shall be for one year, beginning from the date hereof, and terminating one year thereafter. Parties may, at any time, give each other thirty days written notice of the intention to terminate this Agreement, whereupon the Agreement shall terminate thirty days after the receipt of such notice. In the absence of such termination, this Agreement shall continue for further successive terms of one year thereafter.
- 9. NOTICE: Written notices pursuant to this Agreement shall be sent to the following:

Attn: Researcher (at the address provided on the Researcher Application)

Stem-Ex 484 Main Street, Ste. 1 Diamond Springs, CA 95619

- 9. LIMITATION: The parties mutually agree to defend, protect, and hold harmless each other's officers, directors, agents, employees, affiliates and consultants from and against any and all expenses, liabilities, demands or claims for loss or damage to property, or for personal injury or death suffered as a result of any actions by the parties in the performance of the Agreement and attributable to the fault or negligence of the parties or their respective officers, directors, agents, employees, or consultants. In no event shall Stem-Ex or its affiliates be liable for damages or losses that exceed, in aggregate, the amount the Researcher paid Stem-Ex for services that may have given rise to such damages or losses.
- 10. MODIFICATION: No modification to this Agreement, nor any waiver of any rights, shall be effective unless agreed to in writing by the party charged with such waiver or modification, excepting changes specified in paragraphs 3 and 5, above. Waiver of any breach or default shall not constitute a waiver of any other right hereunder, or any subsequent breach or default.
- 11. EXLUSIVITY OF AGREEMENT: This Agreement constitutes the entire agreement between the parties.

- 12. GOVERNING LAWS: This Agreement shall be governed by and interpreted under the laws of the State of California, and venue for any dispute arising hereunder shall be in the County of Sacramento.
- 13. PREVAILING PARTY: The prevailing party in any action to enforce the terms of this Agreement shall be entitled to reimbursement by the other party for all costs, including the reasonable attorney fees and professional fees, incurred in connection with such proceeding.
- 14. EFFECTIVE DATE: This agreement shall become effective and binding between Researcher and Stem-Ex upon Stem-Ex's acceptance of Researcher's Application.

From: Cate Dyer <cdyer@stem-ex.com>
Sent: Friday, September 17, 2010 10:16 AM

To: Zecevic, Nada **Subject:** Re: tissue

Attachments: Fetal Foot Chart.pdf; ATT00001..htm

Hi Nada,

Attached is the Fetal Foot Chart we use to determine size. I know there are a few charts out there, some are slightly different. This is the one we use to determine gestation, as well as the ultrasound report. I am so happy you were able to use the tissue and I hope the samples you were able to attach are successful. If we are able to get another specimen for you this coming week would you like to receive it? I did find a local distributor that can make 4% paraformaldehyde, so if you let me know if you would prefer your samples sent in that media I will have them make us up some.

Thanks,

Cate Dyer

STEM-EX

484 Main Street, Suite 1 Diamond Springs, CA 95619

www.stem-ex.com

T: 877-900-STEM (7836) ext. 4

C: 916.628.1038 F: 530-647-2500

From: Cate Dyer <cdyer@stem-ex.com>
Sent: Friday, July 23, 2010 1:50 PM

To: Zecevic, Nada

Subject: Re: Researcher Application 2010.pdf

Hi Nada,

I have forwarded over you application and information to our Medical Director for review and as soon as she has had a chance to review everything she will email you back directly.

I am really looking forward to working together and I hope you have a great weekend!

Cate Dyer

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C: 916.628.1038 F: 530-647-2500

On Jul 23, 2010, at 10:18 AM, Zecevic, Nada wrote:

From: Zecevic, Nada

Sent: Friday, July 23, 2010 1:17 PM

To: 'info@stem-ex.com'

Subject: Researcher Application 2010.pdf

Dear Cate,

Please find attached the form, abstract for the research and explanation of what tissue we need first.

We use HBSS solution for cell culture, and we can send you this.

Best, Nada

From: T Dixon <tdixon@stem-ex.com> Sent: Sunday, July 25, 2010 3:05 PM

Zecevic, Nada To: Cc: Cate Dyer

UConn - Stem-Ex Application **Subject:**

Dr. Zecevic:

We would like to welcome you as a new client of Stem-Ex and look forward to being a part of the exciting research you are conducting. Our representative will be contacting you directly to arrange the details of delivery - including media transport and delivery times/dates. One of the ways we hope to serve you better is to provide a space to host our clients' stem-cell and fetal tissue research on our website. This will not only give your research more visibility within the medical community, but also provide other researchers with important information. We can do this by directly hosting PDF copies of abstracts or by linking to online journals. If you would like to send me one or two of your abstracts and/or website links, we would be happy to consider those for posting on our website. Additionally, we will be publishing a Quarterly E-News letter to our clients. If you would like your research mentioned in that publication, please let me know.

We are excited to have you on board as a client and welcome any feedback from you as to how we can better serve the needs of the medical research community.

Sincerely,

T D Dixon, MD **Medical Director**

STEM-EX 484 Main Street, Suite 1 Diamond Springs, CA 95619 T:877-900-STEM(7836) F: 530-647-2500

tdixon@stem-ex.com

From: Cate Dyer <cdyer@stem-ex.com>
Sent: Friday, July 30, 2010 10:22 AM

To: Zecevic, Nada

Subject: Re: Stem-Ex Package Notification

Hi Nada,

That sounds great I will give you call around 1pm your time.

Thanks,

Cate Dyer

STEM-EX

484 Main Street, Suite 1 Diamond Springs, CA 95619

www.stem-ex.com

T: 877-900-STEM (7836) ext. 4

C: 916.628.1038 F: 530-647-2500

On Jul 30, 2010, at 4:45 AM, Zecevic, Nada wrote:

That would be today-Friday? Noon to 2 pm my time is good (for you 9-11am). After that I have meetings. Best, Nada

Nada Zecevic, MD,PhD.
Department of Neuroscience
University of Connecticut Health Center
Farmington, CT 06030
room L4056
tel. 860 679 1768

From: Cate Dyer [cdyer@stem-ex.com]

Sent: Friday, July 30, 2010 2:22 AM

To: Zecevic, Nada

Subject: Re: Stem-Ex Package Notification

Hi Nada,

I ended up being out at clinics all day and I didn't get a moment to call you to discuss things further today. Are you available tomorrow to talk or to set up a time we can discuss things further?

Thanks,

Cate Dyer

STEM-EX
484 Main Street, Suite 1
Diamond Springs, CA 95619
www.stem-ex.com<http://www.stem-ex.com>
T: 877-900-STEM (7836) ext. 4

C: 916.628.1038 F: 530-647-2500

On Jul 28, 2010, at 6:29 AM, Zecevic, Nada wrote:

Great. I tracked it but I am confused since it looks it is delivered to Winsor Locks!? Did you ship to my address- the below in my signature? Nada

Nada Zecevic, MD, PhD.
Dept.Neuroscience
University of Connecticut Health Centar
Farmington, CT 06030
room L4056
tel. 860 679 1768

From: Cate Dyer [mailto:cdyer@stem-ex.com]

Sent: Tuesday, July 27, 2010 8:47 PM

To: Zecevic.Nada

Subject: Stem-Ex Package Notification

Hi Nada,

We are sending you an 18wk Brain Specimen that is coming via FedEx tracking number 8723-2781-6154. We were able to oxygenate the media but are all very anxious to hear your feedback!!

Talk to you soon, Cate Dyer

STEM-EX 484 Main Street, Suite 1 Diamond Springs, CA 95619

www.stem-ex.comhttp://www.stem-ex.com

T: 877-900-STEM ext. 4

C: 916.628.1038 F: 530-647-2500

On Jul 27, 2010, at 11:19 AM, "Zecevic, Nada"

<nzecevic@neuron.uchc.edu<mailto:nzecevic@neuron.uchc.edu>> wrote:

Cate,

Our fedEX number: 006111670.

Nada Zecevic, MD, PhD. Dept.Neuroscience University of Connecticut Health Centar Farmington, CT 06030 room L4056 tel. 860 679 1768

From: Cate Dyer [mailto:cdyer@stem-ex.com]

Sent: Tuesday, July 27, 2010 2:15 PM

To: Zecevic, Nada

Subject: Re: UConn - Stem-Ex Application

Hi Nada,

Our media is kept refrigerated and we always have procurement boxes with ice ready to go once we procure the tissue it goes into a conical tube with media and then into ice within minutes.

If we get something today we will use our FedEx acct number and then when ever you are able to pull your up please let us know.

Thanks, Cate Dyer

STEM-EX
484 Main Street, Suite 1
Diamond Springs, CA 95619
www.stem-ex.com<http://www.stem-ex.com
T: 877-900-STEM ext. 4

C: 916.628.1038 F: 530-647-2500

On Jul 27, 2010, at 10:47 AM, "Zecevic, Nada"

<nzecevic@neuron.uchc.edu<mailto:nzecevic@neuron.uchc.edu>> wrote:

Cate.

For us it is VERY important that tissue be put in cold, oxygenated solution as soon as possible.

I have FedEx number but no time now to look for it.

Nada

Nada Zecevic, MD, PhD.
Dept.Neuroscience
University of Connecticut Health Centar
Farmington, CT 06030
room L4056
tel. 860 679 1768

From: Cate Dyer [mailto:cdyer@stem-ex.com]

Sent: Tuesday, July 27, 2010 1:31 PM

To: Zecevic, Nada

Subject: Re: UConn - Stem-Ex Application

Hi Nada, the weeks of gestation will only be known once we see the cases and determine the quality of the tissue. We have 65 cases today to choose from ranging from 5wks to 18weeks.

I did find a tube that is capable of oxygenating the media so I can procure it for you this week and we will look at all the cases today with you in mind and see what we can find. As soon as we have something for you I can notify you via email with the gestation and FedEx tracking number. For the time being we will use our FedEx account until you provide us with your own information.

Thanks,

Cate Dyer

STEM-EX
484 Main Street, Suite 1
Diamond Springs, CA 95619
www.stem-ex.comhttp://www.stem-ex.com

T: 877-900-STEM ext. 4

C: 916.628.1038 F: 530-647-2500

On Jul 27, 2010, at 6:44 AM, "Zecevic, Nada"

<nzecevic@neuron.uchc.edu<mailto:nzecevic@neuron.uchc.edu>> wrote:

Hi Cate,

We think we can use your solution- it would be better if it is oxygenated before you put tissue in it and ship. I am trying to find the name of this stone dispenser for O2.

If I find that, can you send tissue this week? And how old?

Best,

Nada

I found that dispenser (called bubbler is produced by Andrew's glass, and I am waiting for a quote)

Nada Zecevic, MD, PhD.

Dept.Neuroscience University of Connecticut Health Centar Farmington, CT 06030 room L4056 tel. 860 679 1768

From: Cate Dyer [mailto:cdyer@stem-ex.com]

Sent: Tuesday, July 27, 2010 1:23 AM

To: Zecevic, Nada

Subject: Re: UConn - Stem-Ex Application

Hi Nada, I just wanted to check in with you and see if you would like me to put you on the schedule for this week to receive a specimen?

Also I wanted to check in with you in regards to the media. Im not sure if you have had a chance to look over the document I sent you in regards to the media we use but if that is acceptable to you we can send your first specimen in that media. Otherwise I would just need you to send me some of your own media or if the media is pretty general I can look to purchase it somewhere closer to the west coast!

I look forward to hearing from you,

Cate Dyer

STEM-EX 484 Main Street, Suite 1 Diamond Springs, CA 95619 www.stem-ex.comhttp://www.stem-ex.com

T: 877-900-STEM (7836) ext. 4

C: 916.628.1038 F: 530-647-2500

On Jul 25, 2010, at 12:04 PM, T Dixon wrote:

Dr. Zecevic:

We would like to welcome you as a new client of Stem-Ex and look forward to being a part of the exciting research you are conducting. Our representative will be contacting you directly to arrange the details of delivery - including media transport and delivery times/dates. One of the ways we hope to serve you better is to provide a space to host our clients' stem-cell and fetal tissue research on our website. This will not only give your research more visibility within the medical community, but also provide other researchers with important information. We can do this by directly hosting PDF copies of abstracts or by linking to online journals. If you would like to send me one or two of your abstracts and/or website links, we would be happy to consider those for posting on our website. Additionally, we will be publishing a Quarterly E-News letter to our clients. If you would like your research mentioned in that publication, please let me know.

We are excited to have you on board as a client and welcome any feedback from you as to how we can better serve the needs of the medical research community.

Sincerely,

T D Dixon, MD Medical Director

STEM-EX 484 Main Street, Suite 1 Diamond Springs, CA 95619 T:877-900-STEM(7836)

F: 530-647-2500

tdixon@stem-ex.com<mailto:tdixon@stem-ex.com>

From: Zecevic, Nada

Sent: Friday, August 14, 2015 10:28 AM

To: Wetstone,Scott L.
Cc: Hesselbrock,Victor

Subject: FW: Request more information

Attachments: PPMM English Consent Form 06-07-10.pdf; ATT00001..htm; Lonza RPMI.pdf;

ATT00002..htm

I am forwarding this mail from StemEx.

From: Cate Dyer [mailto:cdyer@stem-ex.com]

Sent: Friday, July 23, 2010 12:28 PM

To: Zecevic, Nada

Subject: Re: Request more information

Hi Nada, great speaking with you!

Here is a copy of the consent form that is given to the patients after they have consented to have the abortion. Also here is a pdf document on the media we use and I have highlighted the specific media. Please denote on the application if it looks like this media would be sufficient or if you would be providing your own media.

Thanks,

Cate Dyer

STEM-EX

484 Main Street, Suite 1 Diamond Springs, CA 95619

www.stem-ex.com

T: 877-900-STEM (7836) ext. 4

C: 916.628.1038 F: 530-647-2500



Client Information for Informed Consent

DONATION OF ABORTED PREGNANCY TISSUE FOR MEDICAL RESEARCH, EDUCATION, OR TREATMENT

Recent advances in medical science have been developed through research using tissue that has been aborted. This research is being done to treat and find a cure for such diseases as diabetes, Parkinson's disease, Alzheimer's disease, cancer, and AIDS.

Tissue can be obtained as a result of donation of pregnancy tissue after an abortion. Before you give your consent to donate pregnancy tissue and/or a blood sample, **read each of the following statements and initial the line to the right**. If there is any statement you do not understand, or if you have any questions, someone will discuss them with you.

Before this consent was ever offered to me, I had previously decided to have an abortion and signed an informed consent document.	
I agree to donate the tissue from the abortion and/or miscarriage, and a blood sample if needed, as a bodily gift to be used for education, researd treatment or the advancement of medical science.	ch,
I understand the donation is made without any restriction regarding who might receive the donated tissue or for what purpose it might be use	ed
I have not been informed of the identity of any individual who will receive the tissue that I am donating.	
I understand the method, timing or procedure of abortion cannot and will not be substantively altered for the purpose of obtaining the tissue.	
I understand there will be no payment to me for the donated tissue or for any product, process or service that may result from this donation.	
I understand that I may refuse to donate pregnancy tissue, and this will n affect my current medical care or my ability to get any future medical servat Planned Parenthood Mar Monte.	
Signature:	Date:
Witness:	Date:

PATIE	NT NAME:
DOB:	
DATE:	
	Aborted tissue was donated.
	Consent for the abortion was obtained prior to requesting or obtaining consent for the tissue donation.
	No substantive alteration in the timing of terminating the pregnancy or of the method used was made for the purpose of obtaining the tissue.
	Physician's Signature



Lonza Walkersville, Inc. www.lonza.com biotechserv@lonza.com Tech Service: 800-521-0390 Document # TS 08-012-1 06/07 Walkersville, MD 21793-0127 USA © 2007 Lonza Walkersville, Inc.

RPMI 1640

Product Use

RPMI 1640 was developed for culturing normal human leukocytes. It can be used for suspension and monolayer mammalian cultures.

Formula

http://www.lonzabioscience.com/Content/Documents/Bioscience/RPMI.pdf

RPMI 1640 - Liquid

08-012	without L-glutamine, Media Bag
09-774	with L-glutamine, 25 mM HEPES, 100
	units/ml Penicillin and µg/ml Streptomycin
12-115	With 25 mM HEPES, with L-glutamine
12-167	without L-glutamine
12-702	with L-glutamine
12-918	without L-glutamine, without Phenol Red

RPMI 1640 - Powder*

15-702 with L-glutamine

*RPMI 1640 powder media does not contain sodium bicarbonate in the powder mixture. The recommended sodium bicarbonate (NaHCO₃) concentration for RPMI is 26.7 ml/L of 7.5% NaHCO₃ solution or 2.0 g/L of NaHCO₃ powder. The recommended L-glutamine concentration in RPMI 1640 is 2.1 mM (300 mg/L of L-glutamine powder or 10.3 ml of 200 mM L-glutamine solution).

Quick Reference Chart

	L-Glutamine	HEPES	Pen/Strep	Phenol Red	Container
08-012	-	-	-	+	Media Bag
09-774	+	+	+	+	Bottles
12-115	+	+	-	+	Bottles
12-167	-	-	-	+	Bottles
12-702	+	-	-	+	Bottles
12-918	-	-	-	-	500 ml Bottles
15-702	+	_	_	+	

Storage/Shelf Life

	Storage Temperature
04-557	2°C to 8°C
04-558	15°C to 30°C
08-012	2°C to 8°C
09-774	2°C to 8°C
12-115	2°C to 8°C
12-167	15°C to 30°C
12-702	2°C to 8°C
12-918	15°C to 30°C
15-702	2°C to 8°C

Lonza

Specifications

	Sterility	펍	Osmolality (mOsm)	Cell Growth Promotion (% of control)	Endotoxin (EU/ml)
04-557	Neg.	7.0-7.4	271-295		FIO
04-558	Neg.	7.0-7.5	FIO		FIO
08-012	Neg.	FIO	FIO		FIO
09-774	Neg.	FIO	FIO		
12-115	Neg.	7.12- 7.48	271-315	≥75%	FIO
12-167	Neg.	6.9-7.4	270-293	≥75%	FIO
12-702	Neg.	6.9-7.3	271-295	≥75%	FIO
12-918	Neg.	7.0-7.4	270-293	≥75%	FIO
15-702		7.1-7.9*	215-245	≥75%	≤ 1.0

^{*} w/o NaHCO₃

Product Use Statement

THESE PRODUCTS ARE FOR RESEARCH USE

ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

Ordering Information

Catalog Number	Description	Size
08-012B	RPMI without L-glutamine, Media Bag	10 L
08-012F	RPMI without L-glutamine, Media Bag	20 L
09-774E	RPMI with L-glutamine, 25 mM HEPES, 100 units/ml Penicillin and µg/ml Streptomycin	100 ml
09-774F	RPMI with L-glutamine, 25 mM HEPES, 100 units/ml Penicillin and µg/ml Streptomycin	500 ml
12-115F	RPMI with 25 mM HEPES, with L-glutamine	500 ml
12-115Q	RPMI with 25 mM HEPES, with L- glutamine	1 L
12-167F	RPMI without L-glutamine	500 ml
12-167Q	RPMI without L-glutamine	1 L
12-702F	RPMI with L-glutamine	500 ml
12-702Q	RPMI with L-glutamine	1 L
12-918F	without L-glutamine, without Phenol Red	500 ml
15-702D	RPMI with L-glutamine	1 x 10 L

TS 08-012-1 06/07

^{**} FIO – For Information Only

From: Cate Dyer <catespears@me.com>
Sent: Tuesday, November 02, 2010 6:11 PM

To: Zecevic,Nada
Subject: Brain Tissue 16wks
Attachments: photo.JPG; ATT00001..txt



From:StemExpress, LLC <acct@stem-ex.com>Sent:Monday, March 07, 2011 5:02 PMTo:Zecevic,Nada; Anderson,Emily J.

Subject: Invoice from Stem-Ex

Attachments: Invoice_1115_from_StemExpress_LLC.pdf

Dear Univeristy of Conneticut Health Ctr.,

Your invoice is attached. Please remit payment at your earliest convenience.

Thank you for your business - we appreciate it very much.

Sincerely, Stem-Ex

----- Invoice Summary -----

Invoice #: 1115

Invoice Date: 03/04/2011 Due Date: 03/04/2011 Terms: Due on receipt Amount Due: \$0.00

The complete version has been provided as an attachment to this email.

Delivered by QuickBooks Online

StemExpress, LLC 484 Main Street, Suite 1 Diamond Springs, CA 95619-9101

(877)900-STEM acct@stem-ex.com

StemExpress, LLC Invoice

DATE	INVOICE#
03/04/2011	1115
TERMS	DUE DATE
Due on receipt	03/04/2011

BILL TO

Univeristy of Conneticut Health Ctr. 263 Farmington Ave Farmington, CT 06030 USA

SHIP DATE	SHIP VIA	TRACKING#	Researcher
03/01/2011	Fedex	796819743177	Nada Zecevic

		03/01/2011	Fedex	7/96	5819743177	Nada Zecevic
Date	De	Description			Price	Amount Due
	Fetal Cadaverous Procurement: 2n		24 weeks)	Qty 1	Price 180.00	
TPI 1	Con hin Dl non-it	1 1 11	T.C.	1	TOTAL T	#100.00

Thank you for your business. Please remit payment to the above address. If you have any questions, contact Sara Heuston at 877-900-7836 ext 3 or by email at acct@stem-ex.com.

TOTAL		TOTAL	\$180.00
		PAYMENT	\$180.00
	BAL	ANCE DUE	\$0.00

From: Cate Dyer <cdyer@stemexpress.com>

Sent: Friday, July 01, 2011 1:13 AM

To: Zecevic,Nada
Cc: Bill Malowney
Subject: Re: Brain Tissue

Attachments: stem logo 1.pdf; ATT00001..htm

Hi Nada, sorry for the delayed response. Sometimes my emails pile up on me. We will add you back onto the schedule. Would you still like the media oxygenated? Also going forward if you would please email Bill Malowney who is Cc'd on this email he will get you onto the schedule right away. As you can see from emailing me, there can sometimes be a delay.

My apologies,

Cate Dyer, CEO

StemExpress
877.900.STEM (7836) ext 4
C 916.628.1038
F 530.647.2500
484 Main Street, Suite 1
Diamond Springs, CA 95619
cdyer@stemexpress.com
stemexpress.com

From: Cate Dyer <cdyer@stemexpress.com>
Sent: Monday, October 17, 2011 10:49 PM
Subject: StemExpress Online Ordering

Attachments: stem logo 1.pdf

Dear Client,

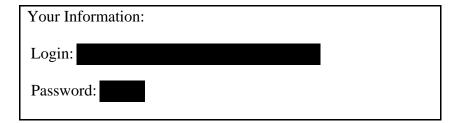
We wanted to take a brief moment to thank you for continuing to utilize StemExpress and let you know some exciting news.

We are moving to online ordering!

We have created a login and password specific to your account. This information is housed on a secure network and all of your orders will be placed online moving forward.

Please login to your account by following the link below

https://stemexpress.com/members-area



Once you have logged in, please click on "Profile Information" and follow the instructions to reset you password and to verify your account information. Once you login there is also a link to "Create a User" if you need to add another person inside your organization that handles orders.

Our goal is to have you begin to utilize this system for all new orders. This will provide automated ordering forms with the information we need to fulfill your requests in the quickest time possible.

Please let me know if you have any questions regarding this process.

Thank you,

Cate Dyer, CEO

StemExpress 877.900.STEM (7836) ext 4 C 916.628.1038 F 530.647.2500 484 Main Street, Suite 1 Diamond Springs, CA 95619 cdyer@stemexpress.com

stemexpress.com

From: Zecevic, Nada

Sent: Wednesday, November 09, 2011 12:14 PM

To: 'Cate Dyer'
Subject: RE: StemExpress

Hi Cate,

we got the tissue today, although quite late and in pieces. Anyhow we will try to use it. What is the solution the tissue is in?

Can you send me the complete solution recipe?

Thanks a lot,

best nada

Nada Zecevic, MD, PhD.
Dept.Neuroscience
University of Connecticut Health Centar
Farmington, CT 06030
room L4056
tel. 860 679 1768

From: Cate Dyer [mailto:cdyer@stemexpress.com]

Sent: Tuesday, October 25, 2011 2:26 AM

To: Zecevic.Nada

Subject: Re: StemExpress

Hi Nada,

I just wanted to check in with you and see if you had a need to be on our procurement schedule to receive brain tissue as a standing order? I know the last specimen we procured for you was October 4th. I have sent you a specific login to use to place an order online, but I noticed you have not placed an order as of yet. So I just want to double check with you and see if you had a need to be on our schedule and/or had any questions regrading the new ordering system.

Thanks.

Cate Dyer, CEO

StemExpress 877.900.STEM (7836) ext 4 C 916.628.1038 F 530.647.2500 484 Main Street, Suite 1 Diamond Springs, CA 95619 cdyer@stemexpress.com stemexpress.com

On Oct 10, 2011, at 11:17 PM, Bill Malowney wrote:

----- Original Message -----

From: "Zecevic, Nada" <nzecevic@neuron.uchc.edu>

To: Bill Malowney < bill@stemexpress.com >

Date: October 5, 2011 at 11:37 AM

Subject: RE: Tissue for you

Hi Bill,

we got the tissue (in pieces, but still useful). No other info was

included- how old is the case?

Best, Nada

Nada Zecevic, MD, PhD.

Dept.Neuroscience

University of Connecticut Health Centar

Farmington, CT 06030

room L4056

tel. 860 679 1768

From: Bill Malowney [mailto:bill@stemexpress.com]

Sent: Tuesday, October 04, 2011 4:31 PM

To: Zecevic, Nada

Subject: Tissue for you

Hello Nada,

We have tissue procured for you today, this email will be followed by a Fedex email with a tracking number

Respectfully,

Bill Malowney

Procurement Coordinator

[cid:image001.png@01CC8353.3A6D7D40]

484 Main Street, Suite 1

Diamond Springs, CA 95619

www.stemexpress.com<http://www.stemexpress.com>

T: 877-900-STEM (7836) ext. 5

C: 503-781-0757

F: 530-647-2500



Date	Invoice #
02/24/2012	1482
Terms	Due Date
Due on receipt	02/24/2012

Bill To

University of Conneticut Health Ctr. 263 Farmington Ave Farmington, CT 06030 USA

Ship Via	Researcher	Shipping
FedEx	Zecevic	Recipient Acct

Description		Qty	Price	Amount Due
Description 02/22/2012 • Fetal Cadaverous Procurement: 2nd Trimester D & E (13-24 v POC# 04 Brain	veeks),	Qty 1:00	Price 180.00	_
Thank you for your business. If you have any questions, contact Heuston at 877-900-7836 or by email at sheuston@stemexpress.	Sara		Total	\$180.00



Date	Invoice #
07/13/2012	1644
Terms	Due Date
Due on receipt	07/13/2012

Bill To

University of Conneticut Health Ctr. 263 Farmington Ave Farmington, CT 06030 USA

	Ship Date	Ship Via	Track	ing#	Researcher	Shipping
	07/10/2012	FedEx	7986052	235864	Zecevic	Recipient Acct
	Description	1		Qty	Price	Amount Due
07/10/2012						
• Fetal brain procure				1:00	250.00	250.00
• Special Media - Pe	enstrep			1:00	45.00	45.00
****NOTE NEW AI	DDRESS FOR STEM	EXPRESS. PLEASE	SEND		Total	\$295.00

INVOICE PAYMENT TO THE NEW ADDRESS****. Thank you for your business. If you have any questions, contact Judy Monteux at 530-626-7000 ext. 117 or by email at jmonteux@stemexpress.com.



Date	Invoice #		
08/03/2012	1691		
Terms	Due Date		
Due on receipt	08/03/2012		

Bill To

University of Connecticut Health Ctr. 263 Farmington Ave Farmington, CT 06030 USA

Description Qty Price Amount Due	Ship Date	Ship Via	Track	ing#	Researcher	Shipping
07/31/2012	07/31/2012	FedEx	798682	887086	Zecevic	Recipient Acct
	Description	n		Qty	Price	Amount Due
		n				
****NOTE NEW ADDRESS FOR STEMEXPRESS. PLEASE SEND Total \$250.00						\$250.00

INVOICE PAYMENT TO THE NEW ADDRESS****. Thank you for your business. If you have any questions, contact Judy Monteux at 530-303-3801 or by email at jmonteux@stemexpress.com.

From: StemExpress, LLC <ar@stemexpress.com>
Sent: Thursday, August 29, 2013 3:13 PM

To: Zecevic, Nada; Anderson, Emily J.; Glidden, Nicole

Subject: Invoice from StemExpress, LLC

Attachments: Invoice_2422_from_StemExpress_LLC.pdf

Dear University of Connecticut Health Ctr.,

Your invoice is attached. Please remit payment by the due date to

avoid additional charges.

We appreciate your business.

Sincerely,

StemExpress, LLC

Invoice Summary

Amount Due: \$250.00 The complete version has been provided as an

attachment to this e-mail.

Invoice #: 2422

×

Invoice Date: 08/27/2013 Due Date: 08/27/2013 Terms: Due on receipt

Delivered by QuickBooks Online



Date	Invoice No.
08/27/2013	2422
Terms	Due Date
Due on receipt	08/27/2013

Bill To

University of Connecticut Health Ctr. 263 Farmington Ave Farmington, CT 06030 USA

Ship Via	Researcher	Shipping
FedEx	Zecevic	Client Acct

100	LA	Zecevic	Chefft Acct
	Qty	Price	Amount Due
	1:00	250.00	250.00
		Total	\$250.00
		1:00	Qty Price 1:00 250.00

Accounting at 530-303-3801 or ar@stemexpress.com. Please note that invoices not paid within the designated terms are subject to a 10% late fee of the balance & a 1.5% per month (18% annum) interest fee, compounded monthly.

From: StemExpress, LLC <ar@stemexpress.com>
Sent: Monday, September 02, 2013 11:01 AM

To: Zecevic, Nada; Anderson, Emily J.; Glidden, Nicole

Subject: Statement from STEM-EX, LLC

Attachments: Statement_1104_from_StemExpress_LLC.pdf

Dear University of Connecticut Health Ctr.,

----- Statement {0} Summary ------

Statement No.: 1104 Statement Date: 09/02/2013 Open Balance: \$250.00

The complete version has been provided as an attachment to this email.

Delivered by QuickBooks Online



Statement

Date	Statement No.		
09/02/2013	1104		

То

University of Connecticut Health Ctr. 263 Farmington Ave Farmington, CT 06030 USA

Date			Description		Amount Due	Open Amount
08/27/2013	Invoice	No.2422: Due 08/27			250.00	250.00
Curren	ıt	1-30 Days Past Due	31-60 Days Past Due	61-90 Days	90+ Days	Amount
Due				Past Due	Past Due	Due
\$0.00		\$250.00	\$0.00	\$0.00	\$0.00	\$250.00



StemExpress LLC 778 PACIFIC ST PLACERVILLE, CA 95667

(530)626-7000 ar@stemexpress.com http://www.stemexpress.com

THROUGH RESEARCH™

Address

Nada Zecevic MD, PhD. University of Connecticut Health Center 263 Farmington Ave Room L4056 Farmington, CT 06030

		Ship Vi	a R	esearcher	Shipping
		Fed Ex		Zecevic	Overnight
Date	Activity		Quantity	Rate	Amount
05/01/2014	Item #FT0101F: Human Fetal Tissue		1	595.00	595.00
	Intact brain hemisphere 14-18 week gestation. Can be rec Friday	eived Tues -			
05/01/2014	Item #CUSMED01: Custom Media - Packaged in RPMI vand gauze to prevent movement during shipment	with pen/strep	1	50.00	50.00
05/01/2014	Item #PKG0100: Packaging- Wet Ice		1	15.00	15.00
05/01/2014	Item #SD00104: FedEx Flat Rate - No charge if customer	uses their own	1	85.00	85.00
	account				
If you woul	d like to proceed with this order, please email your purchas	se order or		Total	\$745.00

signed quote to po@stemexpress.com. Thank you for your business and we look forward to working with you.

Accepted By Accepted Date