



COOCH BEHAR PANCHANAN BARMA UNIVERSITY

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NOTICE INVITING TENDER

Tenders invited from vendors for purchase of chemicals, reagents, kits, plasticwares from the fund allotted in the project DST (SERB) under Project entitled, "MECHANISTIC STUDIES ON NUCLEAR-MITOCHONDRIAL CROSSTALK REGULATED BY SIRTUIN-INTERPLAY IN THE PATHOGENESIS OF PULMONARY FIBROSIS" of Cooch Behar Panchanan Barma University Campus as per specification given under Annexure - I.

Sl. No.	Item	Tender Cost	Quotations will be valid
1	As per Annexure - I	Rs. 5,00.00/-	1 Year

TERMS AND CONDITIONS:

1. Tender document can be downloaded from the University's website www.cbpbu.ac.in and in such a case the bidder shall deposit the cost of tender documents along with submission of the tender, failing which his tender shall not be opened.
2. The tender form complete in all respect should reach the Registrar, Cooch Behar Panchanan Barma University, Vivekananda Street, Cooch Behar – 736101, West Bengal, India, in duly sealed envelope super scribed with "Tender for DST (SERB), Department of Zoology" up to 05:00 p.m on 03/07/2019.
3. The Registrar Cooch Behar Panchanan Barma University reserves the right to accept or reject any or all the Tenders without assigning any reason. Incomplete & conditional tenders are liable to be rejected.
4. Demand Draft/Pay Order of Rs. **500/- (Five Hundred only)** drawn in favour of Cooch Behar Panchanan Barma University Payable at Cooch Behar, as cost of Tender Document.
5. Self attested Documentary proof of registration of Sole Proprietorship/Partnership firm or Company.
6. Self attested Copy of GST Registration Certificate.
7. Self attested copy of the PAN.
8. Any tender received later than the time and date of receipt of the bids shall be rejected.
9. All cases of disputes not covered under the terms & conditions of Tender will be referred to the Vice-Chancellor for a decision which shall be final and binding on both the parties.


Registrar
Registrar
Cooch Behar Panchanan Barma University



Products (Himedia)	Name
RM10409	Fetal Bovine Serum Origin: USHeat inactivated
AL007S	Dulbecco's Modified Eagle Medium (DMEM), High glucose w/ 4.5gms Glucose per litre, L-Glutamine, 1.5gms per litre Sodium bicarbonate and Sodium pyruvate
TCL144	Trypsin-EDTA Solution 10X 0.5% Trypsin (1:250) Gamma irradiated and 0.2% EDTA in 0.85% normal saline w/o Phenol red
TL1098	Hanks' Balanced Salt Solution 1X w/ Sodium bicarbonate w/o Calcium, Magnesium and Phenol red
MB508	HiPurA™ Plasmid DNA Miniprep Purification Kit
MB539	HiPurA™ Quick Gel Purification Kit
MB506	HiPurA™ Mammalian Genomic DNA Purification Kit
ML021-5X6MI	2X Laemmli Buffer
MBT089-50R	Hi-Chrom PCR Master mix
MBT089-100R	Hi-Chrom PCR Master mix
ML121-10ML	5X Laemmli Buffer
MBT092-10LN	Prestained Protein Ladder
MBT092-100LN	Prestained Protein Ladder
MV1151	Luria Bertani Agar, Miller
GMV1151	Luria Bertani Agar, Miller, granulated
M1245	Luria Bertani Broth, Miller
GM1245	Luria Bertani Broth, Miller, Granulated
MB112	Protein A sepharose
ML023	10X PBS, pH 7.4
MB601	RNA-Xpress Reagent
MBT076	Hi-cDNA synthesis kit
MBRE001-022	Restriction enzymes
MBT091	Ligase
ML060	1X TE Buffer, pH 8.0
TCL016	Water, Sterile, Molecular Biology Grade DEPC treated, Nuclease and Protease free
ML024-500ML	Molecular Biology Grade Water
ML051-1ML	Protease Inhibitor Cocktail
MB082	Phenol Solution (Equilibrated w/ 10mM Tris HCl pH 8.0 with 1mM EDTA)



Annexure - I

TC185	DMSO
RM2798	2,2-Diphenyl-1-picrylhydrazyl
RM2735 (1 G and 5 G)	3,3'-Diaminobenzidine
RM1487	2,4,6-Tri(2-pyridyl)-s-triazine
LA1017	Non-Absorbent Cotton Wool For plugging of test tubes & other glasswear.
GRM2352	Nonidet® P-40 (NP 40) substitute
A001	Antibiotic Solution 100X Liquid w/ 10,000 U Penicillin and 10mg Streptomycin per ml in 0.9% normal saline
TC287M	Polysorbate 20 (Tween 20)
MP1151	Luria Bertani Agar Plate
RM2578	Isopropyl-b-D-thiogalactopyranoside
S109	Fixative (Buffered Formalin fixative) for fixing cytological or histological samples
TC546	Bovine serum Albumin Protease free, Diagnostic grade
MB112-1G and 500MG	Protein A Sepharose
GRM3660	<i>Paraformaldehyde</i>
AS127	<i>Formaldehyde sol 37 - 41%, Hi-AR™</i>
PCT1511	<i>Hydrogen peroxide</i>
M1866	<i>Phosphate - Buffered Saline (PBS), pH 7.4</i>
TC225	<i>Bisbenzimidazole (Hoechst 33258)</i>
TC465	<i>Indomethacin</i>
MB146	<i>Dextran sulphate</i>
TC299	<i>Human Transforming Growth Factor Beta1 produced in CHO</i>
RM370	<i>Evan's blue</i>
PCT0607-500G	<i>Sucrose</i>
ML037-100ML	<i>Acrylamide/Bisacrylamidesolution 30% (29:1)</i>
MB096-25G	<i>Ponceau S Sodium Salt</i>
ML045-250ML	<i>Ponceau S stain</i>
RM237-1G and 250MG	<i>Hemin</i>
RM131-25G	<i>Sodium deoxycholate</i>
GRM6315-100G	<i>Vanadium Pentoxide</i>
ML106-100ML and 500ML	<i>Bradford Reagent</i>
MB087-100MG	<i>RNASE A</i>
MB086-10MG	<i>Proteinase K</i>
MB123-5G	<i>Bromophenol Blue</i>
MB030-100G/500G/1KG	<i>Tris Hydrochloride</i>
TC072-100G	<i>Tris Base</i>



PLASTICWARES

Products (Himedia)	Name
Code: TCP025	Cell Strainer Pore size: 70 μ m
Code:TCP024	Cell Strainer Pore size: 40 μ m
TPP6	Tissue Culture Plates 6 well, 9.5 cm ² surface, Packed in plastic / paper bag.
TPP12	Tissue Culture Plates 12 well, 3.9 cm ² surface, Packed in plastic / paper bag.
TPP96	Tissue Culture Plates 96 well, 0.3 cm ² surface, Packed in plastic / paper bag.
TPP24	Tissue Culture Plates 24 well, 1.9 cm ² surface, Packed in plastic / paper bag.
TCG4	Tissue Culture Flask Vented cap, 50 ml volume, surface 25.0 cm ²
TCG6	Tissue Culture Flask Vented cap, 250 ml volume, surface 75.0 cm ²
TCP006	Cell Culture Dish 35x10mm, working volume 3ml, Growth area 9.4cm ²
TCP007	Cell Culture Dish 60x15mm, working volume 5ml, Growth area 21.5cm ²
TCP008	Cell Culture Dish 100x20mm, working volume 12.5ml, Growth area 60.8cm ²
LA749-751	Barrier tips
TCP126	Disposable Serological Pipettes, 25ml Bulk packed in bags
TCP125	Disposable Serological Pipettes, 10ml Bulk packed in bags
TCP124	Disposable Serological Pipettes, 5ml Bulk packed in bags
PW1132G 10X10NO	Sterile Disposable Petriplates 90mmX15 mm (gamma irradiated)
PW040	Autoclavable bags
PW055	
PW057	
LA288	Microtip 1-20ul
LA974	Microtip 200ul
LA975	Microtip 1000ul
SF9	Syringe filter
SF10	Syringe filter
SF11	Syringe filter
SF22	Syringe filter



Products (ABDOS)	Name
P20724	Polywire racks, Derlin for 50 ml tubes
P20722	Polywire racks, Derlin, for 15 ml tubes
P70503	Weighing Boats, PS, small
P70504	Weighing Boats, PS, Medium
P70506	Weighing Boats, PS, Large
P20614	Cryo Cube Box/Storage Cube Box, PP
P20611	Cryo Box, System 100 Places, PC
P20606	Freezing cardboard cryo boxes
P20207	Reversible Rack with Cover
P11104	Frosty Mate, Storage Racks
P11105	Frosty Mate, Storage Racks
P70204	Pipette Stand Horizontal
P11101	PCR workup Rack
P11103	PCR work station
E11608	Vacuum Desiccator
P20204	Rack for Microcentrifuge Tube
P20205	Rack for Micro centrifuge tube
P20218	Click together conical tube racks
P20219	Click together conical tube racks
P20226	Floating Rack for micro centrifuge tube
P60116	Cryo vials external threaded
P60110	Cryo vials internal threaded

Antibodies, Reagents, Kits**Sigma:**

JNK inhibitor (S5567-10MG), Liberase TM Research Grade (5401119001)

Phosphatase Inhibitor Cocktail (P5726-1 ML and P0044-1ML),

CST:

pDRP616(#3455), Acetylated lysine(9411), SirT3 (D22A3) Rabbit mAb (5490S), Sirt3(2627), coxiv(4850), pdrp637(4867), hsp70(4876), cleaved caspase3(9664),Sirtuin antibody sampler kit K9787, Autophagy Antibody Sampler Kit 4445, CHIP (C3B6) RabbitmAB 2080, NRF2 (D1Z9C) Cat no. 12721T, SP600125 (8177S, 10mg), Anti-mouse IgG-HRP linked antibody (7076, 1 ml), Trichostatin A (TSA) (9950), LC3A/B antibody (4108), SQSTM1/p62 Antibody (5114, 20 ul), Protein G Magnetic Beads (70024), Antirabbit IgG HRP linked (7074, 100ul), Protease/Phosphatase Inhibitor Cocktail (100X), (5872), LOX (D8F2K) Rabbit mAb (58135), Phospho-p70 S6 Kinase (Thr389) (108D2) Rabbit mAb (9234), mTOR (7C10) Rabbit mAb (2983), Phospho-mTOR (Ser2448) (D9C2) XP[®]Rabbit mAb (5536), Phospho-4E-BP1 (Thr37/46) (236B4) Rabbit mAb (2855), Phospho-p70 S6 Kinase (Ser371) Antibody (9208), mTOR substrates Antibody Sampler Kit (9862)



Annexure - I

Abcam:

drp1(ab54038), mfn1(ab104585), pgc1 alpha+beta(ab72230), opa1(ab42364), caspase12(ab62484), sod2(ab13533), histone h3(ab1791), cytochrome c(ab53056), nfkb(ab7970), mff(ab81127), hif1(nb100-105), ogg1(nb100-106)

Novus:

Gapdh (NB300-328), nrf2(nbp1-32822)

Santacruz:

tom20(sc11415), mfn2(sc50331), frataxin(sc25820), fibronectin(sc8422), histone h3(sc 8654-r), UB(sc-8017), Keap 1 (G-2) (sc-365626), JNK (D2) (sc-7345), p-JNK ((G-7) (sc-6254), Ac-lysine Antibody (AKL5C1) (sc-32268), Ac-lysine antibody(7F8) (sc-81623), pan-acetyl (C2) sc-8649, Phosphatase Inhibitor Cocktail C, 1 ml (sc-45065), HIF 1 alfa Antibody (sc-53546)

Genex

Goat anti rabbit IgG - FITC, 1 (1120280011730), Goat anti-rabbit IgG – HRP, 1 ml (1140380011730), Goat anti-mouse IgG – HRP, 1 ml (1140680011730), Rabbit anti-goat IgG – HRP, 1 ml (1140480011730), Ready to use PMW Marker, Higher Range, 25 lanes (SKU: RPMWH).

Cayman Chemicals

SIRT3 Direct Fluorescent Screening Assay Kit (*Item No 10011566*)

JC-1 Mitochondrial Membrane Potential assay kit (item No. 10009172)

Invitrogen

Lipofectamin 2000 Transfection reagent (cat no. L3000001)

Lipofectamin 3000 Transfection reagent (cat no. 11668030)

Opti-MEM (Reduced serum Medium) Cat no. 31985070

Alexa Fluor 488 Secondary antibody (Cat # A-11001, 500 µL)

Alexa Fluor 488 Secondary antibody (Cat # A-11001, 500 µL)

Alexa Fluor 647 Secondary antibody (Cat # A-21235, 500 µL)

Alexa Fluor 647 Secondary antibody (Cat # A-21443, 500 µL)



Biovisions

Caspase 3 colorimetric assay kit (K-106-25)

Caspase 9 colorimetric assay kit (K-119-25)

Mitochondria/Cytosol Fractionation kit (K256-25 and K256-100)

ThermoFisher

Pierce ECL Westernblotting substrate (cat no. 32106, 32209),

ATP Determination Kit, 200-1,000 assays (A22066)

Tetramethylrhodamine, Methyl Ester, Perchlorate (TMRM) (cat no. T668)

Reagents /Kits

Kits

Mitochondria Isolation Kit

Nuclear/Cytosol Isolation kit

ChIP Assay Kit

Subcellular fractionation kit

ATP Assay Kit

Caspase 12 assay kit

Luciferase Assay Kit

Mitochondrial JC-1 assay kit

SIRT3 assay Kit

TUNNEL Assay Kit

Reagents

Anti Rabbit secondary antibody-HRP linked

Anti Mouse secondary antibody-HRP linked

ROMO 1 antibody

mTOR signalling pathway related antibodies

Trichostatin A

NAM

Broad Spectrum Phosphatase inhibitor cocktail

Protease Inhibitor cocktail

GBio

Nrf2 (ITT5337), DRP1 pAB (ITT1414), Drp1 (Ser637) (ITP0841), femtolucent plus HRP-100 ML (786-033), anti-GAPDH mAb (M1000110) 100µl, anti- α -Tubulin mAb (M1000130) 100µl, Goat anti-Mouse IgG (SE131) 100µl, Goat anti-Rabbit IgG (SE134) 100µl, Mfn2 pAb (ITT2740), JNK1/2/3 (Thr183) (ITP0156), JNK1/2/3 (Tyr19000) (ITP0843), AP-1 pAb (ITT0252)

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