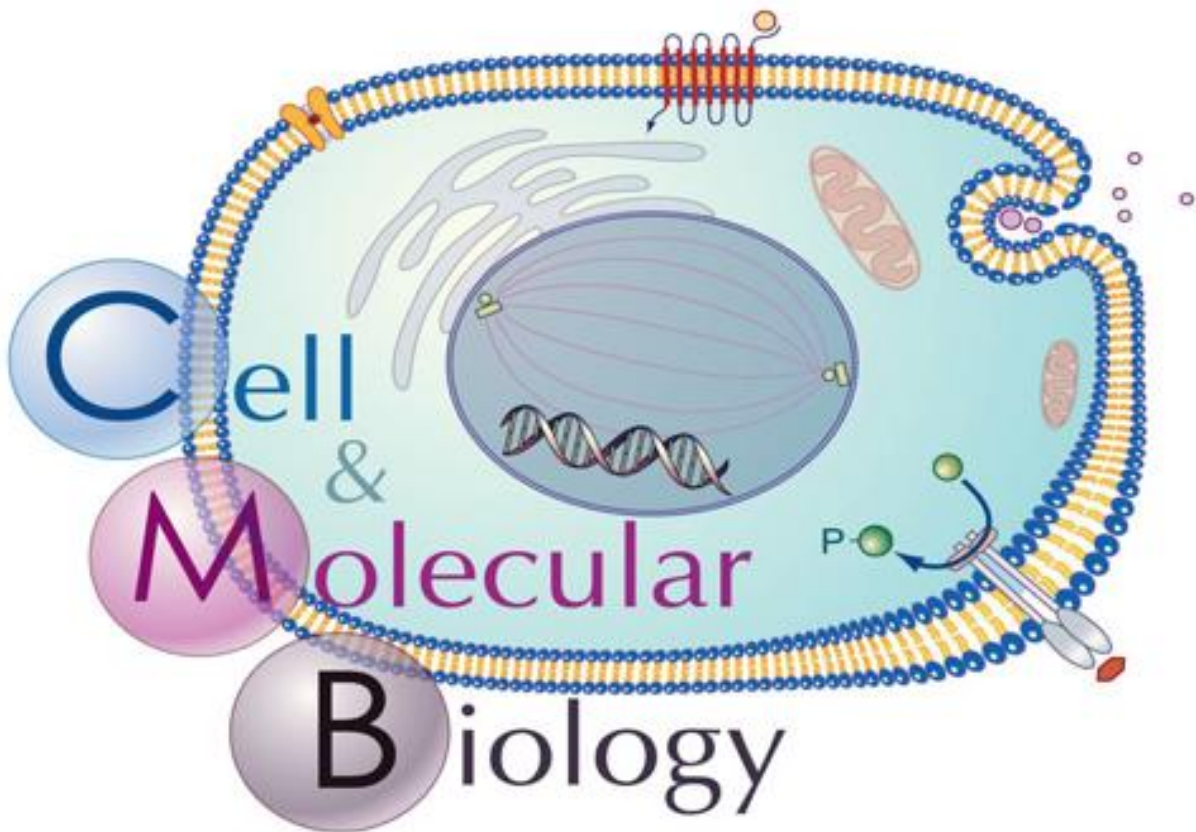


CELL & MOLECULAR BIOLOGY (CMB) TRACK

(Soon-to-be Cellular & Molecular Medicine Track)

FACULTY LIST (2013)



| Faculty Name | Email Address | Department | Research Interests | Web Page Link |
|---------------------|--|--------------------------------------|---|---|
| Asmis, Reto | ASMIS@UTHSCSA.EDU | Clin. Lab. Sciences and Biochemistry | Thiol Oxidative Stress and Macrophages Dysfunction in Chronic Inflammatory Diseases | http://www.biochem.uthscsa.edu/faculty.php?displayID=32 |
| Bai, Yidong | BAIY@UTHSCSA.EDU | CSBL | Mitochondrial, respiratory chain, complex assembly, turnover, copy number control | http://www.uthscsa.edu/csb/faculty/bai.asp |
| Berton, Michael T. | BERTON@UTHSCSA.EDU | Micro/Immunol | Regulation of immunity in infection, allergy and cancer; cytokine and Toll-like receptor signal transduction, regulation of gene expression | http://www.uthscsa.edu/micro/faculty/mtb/mtb.asp |
| Bishop, Alex | BISHOPA@UTHSCSA.EDU | CSBL | Genomic instability, DNA repair, homologous recombination, cell signaling, cancer and aging | http://www.uthscsa.edu/csb/faculty/bishop.asp |
| Bose, Santanu | BOSE@UTHSCSA.EDU | Micro/Immunol | anti-viral signaling against respiratory RNA virus | http://www.uthscsa.edu/micro/faculty/sb/sb.asp |
| Chatterjee, Bandana | CHATTERJEE@UTHSCSA.EDU | Molecular Med | Gene regulation; nuclear receptors; cancer cell biology; environmental carcinogenesis; transgenic/knock out mice; live cell microscopy | http://molecularmedicine.uthscsa.edu/FAC_Profile.aspx?facID=39 |
| Chen, Xiao-Dong | chenx4@UTHSCSA.EDU | Comprehensive Dentistry | Stem cells, extracellular matrix, aging, and biomedical tissue engineering | http://profiles.uthscsa.edu/?pid=profile&id=2080J7575 |
| Christy, Barbara | CHRISTY@UTHSCSA.EDU | Molecular Med | Function and interactions of proteins regulating cell growth, differentiation and tumor formation. | http://molecularmedicine.uthscsa.edu/FAC_Research.aspx?facID=40 |
| Clark, Robert | CLARKRA@UTHSCSA.EDU | Medicine | Neutrophil phagocytosis, microbial killing and tissue injury, gene regulation, cell signaling, reactive oxygen species | http://medicine.uthscsa.edu/Medicine/facultystaff.aspx?p=0V71ETRQC |
| Curran, Joanne E. | Jcurran@sbrgenetics.org | TX Biomed Res Institute | Type 2 diabetes, obesity and cardiovascular disease | http://txbiomed.org/departments/genetics/genetics-staff-bio?u=96 |
| Dong, Lily | DONGQ@UTHSCSA.EDU | CSBL | Adiponectin signaling in Obese and Diabetes | http://www.uthscsa.edu/csb/faculty/dong.asp |
| Dube, Peter | DUBE@UTHSCSA.EDU | Micro/Immunol | Endocytosis, bacteria/macrophage interaction | http://www.uthscsa.edu/micro/faculty/phd/phd.asp |

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|--------------------------|--|---------------|---|---|
| Eaton, Benjamin A. | EATONB@UTHSCSA.EDU | Physiology | Synaptic growth, stability, and function in <i>Drosophila</i> | http://physiology.uthscsa.edu/new/research/faculty_view.asp?id=41 |
| Galvan, Veronica | Galvanv@uthscsa.edu | Physiology | Alzheimer's disease, nervous system, aging, mTOR pathway, stem cell | http://physiology.uthscsa.edu/new/research/faculty_view.asp?id=79 |
| Ghosh, Rita | GHOSHR@UTHSCSA.EDU | Urology | Melanoma, DNA damage, GU and skin cancer | http://profiles.uthscsa.edu/?pid=profile&id=1JD0VUR9I |
| Ghosh-Choudhury, Nandini | CHOUDHURY@UTHSCSA.EDU | Pathology | Gene expression, growth factor, signal transduction, kinase, breast cancer, metastasis, transgenic models, knockout mice, reactive oxygen species | http://profiles.uthscsa.edu/?pid=profile&id=0V71EBWSK |
| Habib, Samy | Habib@uthscsa.edu | CSBL | Renal cancer | http://www.uthscsa.edu/csb/faculty/habib.asp |
| Hinck, Andrews | HINCK@UTHSCSA.EDU | Biochemistry | Melanoma, DNA damage, GU and skin cancer | http://hincklab.uthscsa.edu/ |
| Hornsby, Peter | HORNSBY@UTHSCSA.EDU | Physiology | Cell transplantation, cellular aging | http://physiology.uthscsa.edu/new/research/faculty_view.asp?id=9 |
| Hu, Yanfen | HUY3@UTHSCSA.EDU | Molecular Med | BRCA1, breast cancer, gene expression and regulation | http://molecularmedicine.uthscsa.edu/FAC_Profile.aspx?facID=112 |
| Tim Huang | huangt3@uthscsa.edu | Molecular Med | Cancer epigenetics. | http://molecularmedicine.uthscsa.edu/FAC_Research.aspx?facID=133 |
| Jiang, Jean | JIANGJ@UTHSCSA.EDU | Biochemistry | Intercellular and intracellular signaling, amino acid transport | http://www.biochem.uthscsa.edu/faculty.php?displayID=39 |
| Kadosh, David | KADOSH@UTHSCSA.EDU | Micro/Immunol | Cell morphology, filamentous growth, fungal pathogenesis, gene regulation, genomics | http://www.uthscsa.edu/micro/faculty/dk/dk.asp |
| Kim, Chongwoo | chong@biochem.uthscsa.edu | Biochemistry | Polycomb Group structural biology chromatin | http://kimlab.uthscsa.edu |
| Kim, Dae Joon | kimdj@uthscsa.edu | Pharmacology | Molecular mechanisms of carcinogenesis, protein tyrosine phosphatases | http://pharmacology.uthscsa.edu/faculty/kim.asp |
| Kokovay, Erzsebet | KOKOVAYE@UTHSCSA.EDU | CSBL | Niche Regulation of Neural Stem Cells, Aging of Neural Stem Cells | http://www.uthscsa.edu/csb/faculty/kokovay.asp |
| Kraig, Ellen | KRAIG@UTHSCSA.EDU | CSBL | Effects of aging and infection on immunity and autoimmunity | http://www.uthscsa.edu/csb/faculty/kraig.asp |
| Kumar, A. Pratap | KUMARA3@UTHSCSA.EDU | Urology | Molecular targets, cancer therapy | http://profiles.uthscsa.edu/?pid=profile&id=1JJ0KQXNJ |

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|----------------------|--|---------------|--|---|
| Lafer, Eileen | LAFER@UTHSCSA.EDU | Biochemistry | Clathrin mediated endocytosis, Synaptic vesicle recycling, Molecular mechanisms underlying clathrin coat assembly and uncoating | http://www.biochem.uthscsa.edu/~lifer/ |
| Larsen, Pamela | LARSEN@UTHSCSA.EDU | CSBL | Metabolism, stress resistance, aging and C. elegans development | http://www.uthscsa.edu/csb/faculty/larsen.asp |
| Lechleiter, James D. | LECHLEITER@UTHSCSA.EDU | CSBL | Cellular and molecular mechanisms of protection during ischemic stress, acute brain injury and aging | http://www.uthscsa.edu/csb/faculty/lechleiter.asp |
| Lee, John | LEEJ@UTHSCSA.EDU | Biochemistry | Skeletal system | http://www.biochem.uthscsa.edu/~jcle/ |
| Li, Rong | LIR3@UTHSCSA.EDU | Molecular Med | Breast cancer, BRCA1, hormone-dependent gene regulation, obesity, adipose tissue, tumor microenvironment | http://molecularmedicine.uthscsa.edu/FAC_Research.asp?facID=113 |
| Li, Senlin | LIS1@UTHSCSA.EDU | Medicine | Stem cell/gene therapy, neurodegenerative diseases, Parkinson's disease, atherosclerosis, hematopoietic stem cell, aging, rejuvenation | http://pharmacology.uthscsa.edu/faculty/LiSenlin.asp |
| LoVerde, Philip | LOVERDE@UTHSCSA.EDU | Biochemistry | Molecular, Genetic and Immunological Investigation of the human blood fluke, Schistosoma mansoni | http://www.biochem.uthscsa.edu/faculty.php?displayID=34 |
| Lu, Xin-Yun | LUX3@UTHSCSA.EDU | Pharmacology | Neurobiology of stress-related disorders, Depression and obesity, Leptin signaling in the central nervous system | http://pharmacology.uthscsa.edu/faculty/Lu.asp |
| Ludueno, Richard | LUDUENA@UTHSCSA.EDU | Biochemistry | Structure of tubulin; biochemistry of microtubules; tubulin isotypes, mechanism of action of anti-tumor drugs | http://www.biochem.uthscsa.edu/faculty.php?displayID=45 |
| McEwen, Donald | MCEWEN@UTHSCSA.EDU | Biochemistry | Apoptosis, development, cell signaling, planar cell polarity, oncogenesis | http://mcewenlab.uthscsa.edu |
| Nicholson, Bruce | NICHOLSONB@UTHSCSA.EDU | Biochemistry | Cell communication; gap junction channel structure, permeability and gating; mechanisms of tumor | http://biochem.uthscsa.edu/~bjn/ |

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| | | | suppression; intercellular communication and cell migration | |
| Oddo, Salvatore | ODDO@UTHSCSA.EDU | Physiology | Alzheimer's disease, neurodegeneration, aging, transgenic mice, dementia | http://physiology.uthscsa.edu/oddo |
| Oyajobi, Babatunde | OYAJOBI@UTHSCSA.EDU | CSBL | Skeletal biology, cancer-induced bone diseases, multiple myeloma, ubiquitin- proteasome pathway, non-invasive small animal imaging | http://www.uthscsa.edu/csb/faculty/OYAJOBI.asp |
| Penalva, Luis | PENALVA@UTHSCSA.EDU | CSBL | Post-transcriptional regulation and RNA binding proteins | http://gccri.uthscsa.edu/lpenalva.asp |
| Ran, Qitao | RAN@UTHSCSA.EDU | CSBL | Oxidative damage, antioxidant defense, aging, Alzheimer's, transgenic mice, apoptosis | http://www.uthscsa.edu/csb/faculty/ran.asp |
| Rao, Hai | RAOH@UTHSCSA.EDU | Molecular Med | Ubiquitin, regulated proteolysis, protein quality control, prion diseases | URL:http://molecularmedicine.uthscsa.edu/FAC_Profile.asp?facID=81 |
| Rao, Manjeet | RAOM@UTHSCSA.EDU | CSBL | Pediatric cancers, microRNA, RNAi, transcription | http://www.uthscsa.edu/csb/faculty/rao.asp |
| Rebel, Vivienne | REBEL@UTHSCSA.EDU | CSBL | Stem cell regulation, transcriptional regulatory networks, CBP, p300 | http://gccri.uthscsa.edu/VRebel.asp |
| Saikumar, Pothana | SAIKUMAR@UTHSCSA.EDU | Pathology | Cell injury, cell death, oncogenes | http://profiles.uthscsa.edu/?pid=profile&id=0V71EC09H |
| Shiio, Yuzuru | SHIIO@UTHSCSA.EDU | Biochemistry | Quantitative proteomics, ICAT (isotope-coded affinity tag), ubiquitin ligases, VHL, BRCA1, protein secretion, senescence, cancer biomarkers | http://www.biochem.uthscsa.edu/faculty.php?displayID=40 |
| Sun, LuZhe | SUNL@UTHSCSA.EDU | CSBL | Cancer biology, Signal transduction, Cell cycle, Cell senescence, Experimental therapeutics | http://www.uthscsa.edu/csb/faculty/SUN.asp |
| Tekmal, Rajeshwar | TEKMAL@UTHSCSA.EDU | Obstetrics & Gynecology | Growth factor/hormone crosstalk, signal transduction, steroid hormone coactivation | http://pharmacology.uthscsa.edu/faculty/Tekmal.asp |
| Toney, Glenn M. | TONEY@UTHSCSA.EDU | Physiology | Neurotransmitters, neuropeptides, membrane channels, neuronal osmosensation | http://physiology.uthscsa.edu/new/research/faculty_view.asp?id=17 |

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|----------------------|--|------------------------------|--|---|
| Vadlamudi, Ratna K. | VADLAMUDI@UTHSCSA.EDU | Obstetrics & Gynecology | Nuclear receptors, coregulators, hormone, growth factor, chromatin regulation, epigenetics, cytoskeleton signaling, kinases, breast cancer | http://profiles.uthscsa.edu/?pid=profile&id=1OF0ZWU18 |
| Walss-Bass, Consuelo | WALSS@UTHSCSA.EDU | Psychiatry | Schizophrenia, neuregulin | http://psychiatry.uthscsa.edu/faculty.aspx?f=1KD0OPXMF |
| Walter, Chris | WALTER@UTHSCSA.EDU | CSBL | DNA repair, mutagenesis, mitochondria, transgenic mice, aging, spermatogenic cells | http://www.uthscsa.edu/csb/faculty/walter.asp |
| Wang, Degeng | WANGD4@UTHSCSA.EDU | Epidemiology & Biostatistics | Dynamics of biochemical networks | http://ceb.uthscsa.edu/faculty.html |
| Wang, Pei | WANGP3@UTHSCSA.EDU | CSBL | Next generation sequencing; structure and dynamics of biochemical networks; comparative genomics | http://www.uthscsa.edu/csb/faculty/wangp.asp |
| Wargovich, Michael | WARGOVICH@UTHSCSA.EDU | Molecular Med | Cancer chemoprevention drug discovery. | http://molecularmedicine.uthscsa.edu/FAC_Research.aspx?facID=141 |
| Yew, Renee | YEW@UTHSCSA.EDU | Molecular Med | Vertebrate cell cycle regulation, DNA replication initiation, Ubiquitin-mediated proteolysis and signaling, Tumor suppressor function | http://www.molecularmedicine.uthscsa.edu/FAC_Profile.aspx?facID=45 |
| Zhong, Guangming | ZHONGG@UTHSCSA.EDU | Micro/Immunol | Microbial manipulation of mammalian cell apoptosis and other signaling pathways, Infection and Immunity, Vaccine | http://www.uthscsa.edu/micro/faculty/gz/gz.asp |