SCIENTIFIC EXPERTISE

Engaging in public-private partnerships to support the mission of UC Davis

The University of California has a long history of cooperation with industry partnars in the support of research that is consonant with the university's mission of teaching, research, and public service. One of the primary purposes of the university is to carry out research to advance the frontiers of science and technology and further the university's educational programs.

ALICE F. TARANTAL, PhD

CNPRC Core Scientist
Leader, Reproductive Sciences and Regenerative Medicine and Multimodal Imaging Core
Departments of Pediatrics and Cell Biology and Human Anatomy, School of Medicine

Translational imaging (ultrasound, bioluminescence, PET/CT; interventional procedures), fetal health and early onset of disease, model development and imaging applications across age groups

SIMON R. CHERRY, PhD

CNPRC Core Scientist
Department of Biomedical Engineering, College of Engineering and Radiology, School of Medicine

Development of *in vivo* molecular imaging systems including high resolution PET, PET/CT, and PET/MRI

JULIE L. SUTCLIFFE, PhD

CNPRC Affiliate Scientist
Department of Internal Medicine, School of Medicine and Biomedical Engineering, College of Engineering

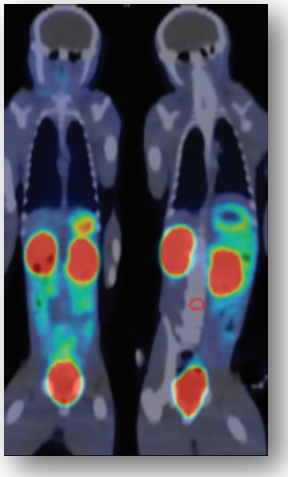
Novel radiochemistry, molecular imaging probe design, and high-throughput screening and automation

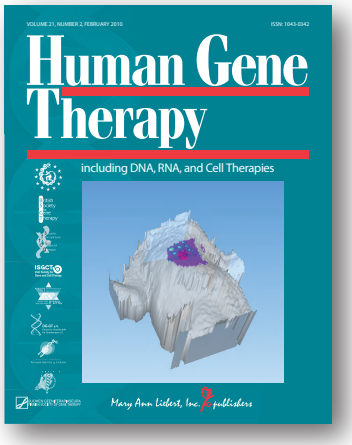
ABHIJIT CHAUDHARI, PhD

CNPRC Affiliate Scientist
Department of Radiology, School of Medicine

Quantitative imaging science, biomedical instrumentation, and medical image processing

Biodistribution of new molecular imaging agents in juvenile rhesus monkeys





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Performance and limitations of positron emission tomography (PET) scanners for imaging very low activity sources
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Radiolabeling human peripheral blood stem cells for positron emission tomography (PET) imaging in young rhesus monkeys
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To contact Dr. Tarantal and for more information on the Multimodal Imaging Core: aftarantal@ucdavis.edu