Scientific Activities of the California Pacific Medical Center Research Institute

2006 Compendium of Peer-Reviewed Publications
Scientists at the California Pacific Medical Center Research Institute are involved in a variety of laboratory and clinical research projects. This report includes manuscripts published in the peer-reviewed literature in 2006, listed in alphabetical order by Principal Investigator (PI). We appreciate the contributions of many other scientists (including post-doctoral fellows and technicians) in the Research Institute.

Mary Abood, PhD (aboodm@cpmcri.org)

Dr. Abood’s laboratory studies cannabinoid receptors on the surface of neurons and other cells, including their possible role in amyotrophic lateral sclerosis (ALS).


See also Sean McAllister.

John Astin, PhD (astinja@cpmcri.org)

Dr. Astin’s work involves an examination of barriers to the integration of psychosocial medicine with standard medical care.


Ari Baron, MD (abaron@phoamd.com)

Dr. Baron studies new treatments for patients with cancer.

Luiz Bermudez, MD (bermudl@cpmcri.org)

Dr. Bermudez has a longstanding interest in how mycobacteria infect cells.


Kenneth Binmoeller, MD (binmoek@sutterhealth.org)

Dr. Binmoeller studies new diagnostic and therapeutic procedures in gastroenterology.


Maurizio Bonacini, MD (bonacim@sutterhealth.org)

Dr. Bonacini studies the treatment of liver disease.

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**Bruce Brent, MD**

Dr. Brent is an interventional cardiologist.


**Warren Browner, MD, MPH (warren@cpmcri.org)**

Dr. Browner studies the epidemiology of aging, including cardiovascular disease.


See also Tom Nuckton.

**Steve Cummings, MD (scummings@sfcc-cpmc.net)**

Dr. Cummings does research in women’s health, especially breast cancer and osteoporosis.


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See also Katie Stone.

Shanaz Dairkee, PhD (dairkees@cpmcri.org)

Dr. Dairkee studies the cell biology of breast cancer.


Robert Debs, MD (debs@cpmcri.org)

Dr. Debs studies methods to improve gene delivery mechanisms.


Pierre Desprez, PhD (pydesprez@cpmcri.org)

The Desprez laboratory studies the early changes that occur in cancer cells.

Joanna Fanos, PhD (Joanna.H.Fanos@dartmouth.edu)

Dr. Fanos is interested in the ethical issues involved in screening for genetic disease.


Gantt Galloway, PharmD (gantt@cpmcri.org)

Dr. Galloway studies why people get addicted to drugs and what we can do about it.


Claude Genain, MD (genainc@cpmcri.org)

Dr. Genain studies the cause of multiple sclerosis.


Robert Gish, MD (gishr@sutterhealth.org)

Dr. Gish does clinical research in patients with hepatitis and other forms of liver disease.

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Pawlotsky JM, Gish RG. Future therapies for hepatitis C. *Antivir Ther.* 2006;11:397-408.


Pomfret E, Gish RG, Brandhagen D. Model for end-stage liver disease (MELD) exception for familial amyloidotic polyneuropathy. *Liver Transpl.* 2006;12:S100-1.


Washburn WK, Gish RG. Model for end-stage liver disease (MELD) exception for severe pruritus. *Liver Transpl.* 2006;12:S119.

Washburn WK, Gish RG, Kamath PS. Model for end-stage liver disease (MELD) exception for Budd-Chiari syndrome. *Liver Transpl.* 2006;12:S93-4.


**William Goodson, MD (goodsow@cpmcri.org)**

Dr. Goodson studies the diagnosis of breast cancer and how to improve the clinical breast examination.


**Dieter Gruenert, PhD (dieter@cpmcri.org)**

The Gruenert laboratory studies how to correct genetic errors in diseases such as cystic fibrosis.


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**Haeusslein, Ernest, MD (haeusse@sutterhealth.org)**

Dr. Haeusslein is a cardiologist interested in heart failure and heart transplants.

See Bruce Brent.

**Giuseppi Inesi, MD (inesig@cpmcri.org)**

Dr Inesi's group studies calcium transport across membranes.


Inesi G, Lewis D, Ma H, Prasad A, Toyoshima C. Concerted conformational effects of Ca2+ and ATP are required for activation of sequential reactions in the Ca2+ ATPase (SERCA) catalytic cycle. *Biochemistry.* 2006;45:13769-78.


**Kenneth Laxer, MD (laxerkd@cpmcri.org)**

Dr. Laxer studies the use of modern technologies like magnetic resonance imaging (MRI) in patients with epilepsy.


**Vishwanath (Vishu) Lingappa, MD, PhD (lingapv@cpmcri.org)**

Dr. Lingappa studies how protein folding can lead to disease.

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**Elliott Main, MD (maine@sutterhealth.org)**

Dr. Main studies how to improve the outcomes of pregnant women.


**Sean McAllister, PhD (mcallis@cpmcri.org)**

Dr. McAllister conducts research on the cannabinoid receptor in cancer cells.


**John Mendelson, MD (mendelje@cpmcri.org)**

Dr. Mendelson studies the pharmacokinetics of substance abuse.


**Robert Miller, MD (millerrx@cpmcri.org)**

Dr. Miller and his group study treatments for ALS.


Dan Moore, PhD (mooredx@cpmcri.org)

Dr. Moore is a biostatistician who works with many CPMCRI investigators and physicians.


See also Mary Abood, John Astin, Robert Debs, Elliott Main, Robert Miller, and Garret Yount.

John Muschler, PhD (muschler@cpmcri.org)

Dr. Muschler studies the interaction of cancer cells with their local environment.


See also Pierre Desprez.

Tom Musci, MD (tmusci@sfperinatal.com)

Dr. Musci studies neonatal genetics and other perinatal issues.

See Joanna Fanos.

Thomas Nuckton, MD (nuckton@cpmcri.org)

Dr. Nuckton is a pulmonologist interested in sleep disorders. (Continued on next page)

Stone, Katie, PhD (kstone@sfcc-cpmc.net)

Dr. Stone studies osteoporosis and sleep disorders in the elderly.


David C Tong, MD (tongdc@sutterhealth.org)

Dr. Tong studies the causes and consequences of strokes.


Gregory Tranah, PhD (grtranah@sfcc-cpmc.net)

Dr. Tranah is a genetic epidemiologist who studies cancer and aging.


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Li-Xi Yang, MD, PhD (yangl@cpmcri.org)

Dr. Yang is investigating the effects of novel chemotherapeutic agents to enhance the effects of radiation.


Lowell Young, MD (younglx@cpmcri.org)

See Luiz Bermudez.

Garret Yount, PhD (yountg@cpmcri.org)

Dr. Yount is exploring how promising complementary and alternative medical therapies may work.
