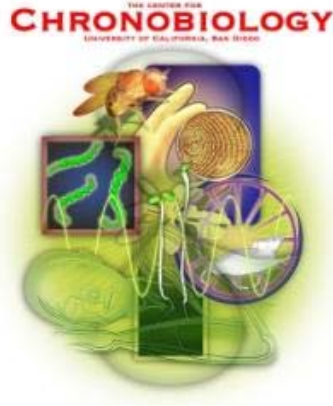

Center for Chronobiology

CCB

Annual Review of the Organized Research Unit
Fiscal Year 2010



The University of California, San Diego
Center for Chronobiology

NARRATIVE

Summary of Major Activities and Goals for Coming Year

During our inaugural year as an ORU, the Center for Chronobiology had immediate goals of putting CCB on the map both on campus and around the world as a premier center for chronobiology research. We met these goals by: hosting local activities and outfitting facilities to engage our members and encourage interaction; launching an attractive and informative website; and hosting a symposium with top chronobiologist speakers from within CCB and across the nation.

Goals Met:

- Established the Center for Chronobiology ORU with 25 UCSD faculty members joining as of June 30, 2010. CCB also had active involvement from 19 researchers, 29 postdocs, 35 graduate students, 6 undergraduate students and 7 visitors.
- Established members in the four research clusters and encouraged research collaboration: Oscillator Networks, Molecular Clock Mechanisms, Metabolism & Physiology, and Sleep & Behavior.
- Established the CCB Executive Committee and currently we are recruiting members for the CCB External Advisory Committee.
- Awarded three mini-grants to encourage collaborative research and provide seed funding for future proposals to be submitted through CCB.
- Hosted CCB symposia, workshops, and networking events to provide training of the fundamentals of Chronobiology to the science community.
- Coordinated "Clockwatchers" Journal Club to make CCB participants aware of current papers in the area of chronobiology. Clockwatchers meets twice per month, alternating between mammalian and non-mammalian papers.
- Launched an evolving educational website <http://ccb.ucsd.edu/> with links for students and researchers in the Chronobiology communities that highlight classes, papers, events, organizations, and opportunities for fellowships, training, and grants.

Major Activities:

Faculty Club Lunch Meetings to Introduce the Center for Chronobiology to CCB Faculty Members

September 9, 2009 and September 17, 2009

Informal lunch meetings were held on two different dates to allow all CCB faculty members to share a few words about what they do and discuss plans for the new institute.

Mini-Symposium on Circadian Rhythms

This symposium was co-sponsored with the San Diego Consortium for Systems Biology (<http://ccb.ucsd.edu/ae-pastevents-MS1.shtml>)

October 23, 2009

Frederic de Hoffman Auditorium, Salk Institute for Biological Studies

Speakers:

Susan Golden, UCSD

David Welsh, UCSD

Ying-Hui Fu, UCSF (external invited speaker)

Joanne Chory, Salk Institute & Division of Biological Sciences

Satchin Panda, Salk Institute & Division of Biological Sciences

Steve Kay, UCSD

Ron Evans, Salk Institute and Division of Biological Sciences

Roche, Applied Biosystems, Illumina, Qiagen, and Thermo Scientific sponsored the mini-symposium.

There were 130 registered attendees.

Mini-Symposium on Circadian Rhythms

(<http://ccb.ucsd.edu/ae-pastevents-MS2.shtml>)

November 13, 2010

Atkinson Pavilion Faculty Club

Speakers:

Michael Gorman, UCSD
 Alexander Kauffman, UCSD
 Sonia Ancoli-Israel, UCSD
 William Bechtel, UCSD
 Barbara Parry, UCSD
 Timothy Rickard, UCSD
 Jeff Hasty, UCSD
 Stu Brody, UCSD

There were 69 registered attendees

Reception for CCB Research Staff

December 2, 2009

Mandeville Suite, Tioga Hall

The Center for Chronobiology held a reception specifically for researchers who are not faculty members in CCB. This included graduate students, postdocs, staff research associates, project scientists, research scientists, visiting scientists, and other researchers who are all an integral part of CCB. We wanted to help them get to know one another and also introduce them to the ways in which the CCB can support their research activities and professional development.

CCB website: <http://ccb.ucsd.edu/>

This attractive, content-rich site was developed by a professional web designer and CCB student. The website has already logged over 1,000 hits from over 30 countries.

CCB Symposium: From Cells to the Clinic

(<http://ccb.ucsd.edu/ae-pastevents-Symp2010.shtml>)

The Center for Chronobiology (CCB) hosted an inaugural chronobiology symposium held **March 10-12, 2010**. The theme for the symposium was "From Cells to the Clinic."

We invited a select, stellar group of chronobiologists from around the country and beyond, and a few local colleagues, to speak at this first annual UCSD Chronobiology Symposium. There was strong participation from our 25 PIs here in the CCB and their research personnel, as well as registrants from other institutions.

The aims of the conference were to:

1. Provide participants with a comprehensive view of modern Chronobiology.
2. Exchange a broad spectrum of ideas and techniques in Chronobiology.
3. Promote interactions among the faculty and lab personnel of the UCSD Chronobiology Center, the invited speakers, and other participants.
4. Further acquaint the speakers, their groups, and other registrants with the depth and breadth of Chronobiology research conducted at UCSD.

Invited Speakers

Horacio de la Iglesia
 University of Washington

Frank Doyle
 UC Santa Barbara

Jay Dunlap
 Dartmouth Medical School

Ralph Greenspan
 UC San Diego

Stacey Harmer
 UC Davis

Lynn Hasher
 University of Toronto

Jeff Hasty
 UC San Diego

Steve Kay
 UC San Diego

Elizabeth Klerman
 Harvard University

C. Robertson McClung
 Dartmouth College

Randy Nelson
 The Ohio State University

Michael Nitabach
 Yale University

Erin O'Shea
 Harvard University

Paolo Sassone-Corsi
 UC Irvine

Samer Hattar
Johns Hopkins University

Phyllis Zee
Northwestern University

Erik Herzog
Washington University

Johnson & Johnson and the Bay City Capital Foundation sponsored the symposium. There were 120 registered attendees.

CCB Open House

(<http://ccb.ucsd.edu/ae-pastevents-OpenHouse2010.shtml>)

The Center for Chronobiology hosted an Open House on **Tuesday, July 20, 2010**. We were able to show off our new office suite and [conference room](#) with a state-of-the-art Smart Board interactive whiteboard system. We have two administrative offices next to the conference room to provide assistance to CCB members from full-time Administrative Specialist Pattie Magallanez and Business Manager, shared with the BioCircuits Institute, Terry Peters. The event was held in the newly appointed conference Room 2840 in the AP&M building. The turnout was fantastic. Guests were able to try our new smart board which was certainly a hit.

Submission of grant and fellowship applications

The Center for Chronobiology faculty members submitted a successful proposal to the UCSD Chancellor's Collaboratories Program for Interdisciplinary Scholarships for graduate students. The project is entitled, "Emergent circadian waveforms from multiple component oscillators: computational, biosynthetic, microbial and vertebrate models." Combining microbial, mammalian, biosynthetic and computation approaches, this Collaboratory will undertake a novel examination of how plasticity in the daily shape (i.e., waveform) of circadian clocks derives from the interaction of their constituent parts. Knowledge of such interactions will advance basic science in engineering, ecology and cell biology and benefit society through implications ranging from scheduling of school days to mitigation of cancer risks for shift-workers. Each of the five graduate students was awarded approximately \$15,000.

The Center for Chronobiology submitted an NSF proposal and three NIH NRSA postdoctoral fellowship applications during 2010.

Johnson & Johnson and the Bay City Capital Foundation donated \$4,500 to sponsor the Inaugural Center for Chronobiology Symposium: From Cells to the Clinic, March 10-12, 2010.

Professor Emeritus Stanley Mills donated \$4,500 to the Center for Chronobiology.

Successful Application to Las Patronas

Las Patronas funded a Real-Time Polymerase Chain Reaction (RT-PCR) machine which will be used by CCB members for cutting-edge research in medical diagnostics and related areas of study (a gift of approximately \$30,000). The equipment will be purchased in 2011.

Clockwatchers Journal Club

(<http://ccb.ucsd.edu/activitiesevents.shtml>)

The "Clockwatchers" Journal Club was founded and organized by David Welsh, and is now coordinated through the CCB. The Clockwatchers group has met monthly since 2001, focusing on papers of interest in mammalian circadian rhythms. With the establishment of CCB, Clockwatchers was expanded in fall 2009 to meet twice per month, alternating between mammalian and non-mammalian papers to meet the needs of the full spectrum of the CCB members. The Clockwatchers group meets every 1st and 3rd Thursday during the academic year.

Dates of Executive Committee meetings

October 28, 2009
November 17, 2009
December 1, 2009
January 7, 2010
February 2, 2010

February 23, 2010
March 25, 2010

External Advisory Committee

We are in the process of assembling the CCB external advisory committee. We have assembled a prioritized list and will invite the following people as our first choices:

1. Gene Block, Chancellor of UCLA
2. Mike Young, Rockefeller University
3. Joseph Takahashi, University of Texas Southwestern Medical School
4. Alex Hoffmann, UCSD Chemistry & Biochemistry
5. Phyllis Zee, Northwestern University
6. David Brenner, UCSD Dean of Medical School

CCB Goals for coming year:

- Facilitate submissions to federal agencies for collaborative research (such as program project, multi-investigator research, and training grants)
- Expand development efforts
- Develop summer chronobiology tutorial course as pilot for international summer course
- Host international symposium
- Recruit postdoc liaison to CCB Executive Committee to integrate needs and ideas from CCB postdocs and graduate students
- Plan workshop featuring a high-profile speaker in the Chronobiology field, as well as UCSD postdoc and graduate student speakers, who can share their research and hone their speaking skills
- Establish CCB External Advisory Board and hold first meeting

CCB Mini-Symposium on Biological Timing

(<http://ccb.ucsd.edu/ae-pastevents-workshopFA2010.shtml>)

November 8, 2010

Atkinson Pavilion Faculty Club

Speakers:

William Joiner, UCSD – faculty speaker
John Buchner, UCSD – postdoctoral speaker
Katja Lamia, The Scripps Research Institute
Terry Hwa, UCSD – faculty speaker
Luciano DiTacchio, The Salk Institute for Biological Studies – postdoctoral speaker
Gena Glickman, UCSD – graduate student speaker
Sean Drummond, UCSD – faculty speaker
Takako Noguchi, UCSD – postdoctoral speaker
Lev Tsimring, UCSD – faculty speaker
Dmitri Nusinow, UCSD – postdoctoral speaker
Eric Zhang, UCSD – postdoctoral speaker

There were 75 registered attendees

CCB Symposium: From Cells to the Clinic

(<http://ccb.ucsd.edu/activitiesevents-symposium.shtml#symposium>)

The Center for Chronobiology will host its 2nd annual chronobiology symposium to be held **February 9-11, 2011**. The theme for the symposium is “From Cells to the Clinic.”

We invited a select, stellar group of chronobiologists from around the world, and a few local colleagues, to speak at this 2nd annual UCSD Chronobiology Symposium. We expect strong participation from our 25 PIs here in the CCB and their research personnel, and plan to accommodate a limited number of registrants from other institutions as well.

The aims of the conference are to:

1. Provide participants with a comprehensive view of modern Chronobiology.
2. Exchange a broad spectrum of ideas and techniques in Chronobiology.
3. Promote interactions among the faculty and lab personnel of the UCSD Chronobiology Center, the invited speakers, and other participants.

4. Further acquaint the speakers, their groups, and other registrants with the depth and breadth of Chronobiology research conducted at UCSD.

Invited Speakers:

[Alec Davidson](#)

Morehouse School of Medicine

[Andrew Millar](#)

University of Edinburgh

[Charles Allen](#)

Oregon Health & Science
University

[Chris Colwell](#)

University of California,
Los Angeles

[David Berson](#)

Brown University

[David Somers](#)

Ohio State University

[Deborah Bell-Pedersen](#)

Texas A&M University

[Derk-Jan Dijk](#)

University of Surrey

[John O'Neill](#)

University of Cambridge

[Kenneth Wright](#)

University of Colorado at Boulder

[Marc Montminy](#)

Salk Institute for Biological
Studies & UC San Diego

[Ronald Evans](#)

Salk Institute for Biological
Studies & UC San Diego

[Sarah Elsea](#)

Virginia Commonwealth
University

[Satchin Panda](#)

Salk Institute for Biological
Studies & UC San Diego

[Sonia Ancoli-Israel](#)

UC San Diego

[Susan Golden](#)

UC San Diego

[Todd Holmes](#)

UC Irvine

Students, Postdocs, Researchers, and Visitors contributing to CCB

Names, Titles, & Department of UG students, Graduate students, and Postdoctoral scholars, Visitors, and Researchers directly contributing to the units work (c):

Undergraduates (6) & Graduate Students (35):

Name	Title	Department
Atwood, Ann	Graduate Student	Division of Biological Sciences
Cai, Denise	Graduate Student	Department of Psychology (Division of Social Sciences)
Clark, Dan	Graduate Student	Department of Reproductive Medicine (School of Medicine)
Cookson, Natalie	Graduate Student	Division of Biological Sciences
Danino, Tal	Graduate Student	Division of Biological Sciences & Bioengineering
Darvish, Ryan	Graduate Student	Department of Psychiatry (School of Medicine)
Daulo, Anthony	Graduate Student	Division of Biological Sciences
Ferry, Mike	Graduate Student	Division of Biological Sciences & Bioengineering
Gill, Shubhroz	Graduate Student	Salk Institute for Biological Studies
Glickman, Gena	Graduate Student	Department of Psychology (Division of Social Sciences)
Gross, Andrew	Graduate Student	Bioinformatics
Harrison, Elizabeth (Liz)	Graduate Student	Department of Psychology (Division of Social Sciences)
Keding, Sheena	Graduate Student	Salk Institute for Biological Studies
Khan, Azim	Graduate Student	Department of Reproductive Medicine (School of Medicine)
Kolnik, Martin	Graduate Student	Division of Biological Sciences & Bioengineering
		Department of Reproductive Medicine (School of Medicine)

Ku, Eric	Undergrad Student	Medicine)
Lam, Colin	Graduate Student	Division of Biological Sciences
Le, Hiep	Graduate Student	Salk Institute for Biological Studies
Leung, Stephen	Undergrad Student	Division of Biological Sciences
Luke, Joyce	Graduate Student	Division of Biological Sciences & Bioengineering
Maracle, Chrissta	Graduate Student	Salk Institute for Biological Studies
McKenna, Ben	Graduate Student	Department of Psychiatry (School of Medicine)
Mondragon, Octavio	Graduate Student	Division of Biological Sciences
Nayak, Sujata	Graduate Student	Division of Biological Sciences & Bioengineering
Neikrug, Ariel	Graduate Student	UCSD
Nelson, Jeff	Graduate Student	Division of Biological Sciences
Orff, Henry	Graduate Student	Neuropsych/Diag Res
Penny, Yohan	Undergrad Student	Division of Biological Sciences
		Department of Reproductive Medicine (School of Medicine)
Poling, Matt	Undergrad Student	
Pongsawakul, Pagkapol (Yhew)	Graduate Student	Division of Biological Sciences
Posadas, Emerson	Undergrad Student	Department of Psychiatry (School of Medicine)
Prindle, Arthur	Graduate Student	Division of Biological Sciences
		Department of Psychology (Division of Social Sciences)
Raiewski, Evan	Graduate Student	
Razinkov, Ivan	Graduate Student	Division of Biological Sciences
Sami, Eman	Undergrad Student	Division of Biological Sciences
Selimkhanov, Jangir	Graduate Student	Division of Biological Sciences
		Department of Philosophy (Division of Arts and Humanities)
Sheredos, Benjamin	Graduate Student	Department of Psychology (Division of Social Sciences)
Sinning, Susan	Graduate Student	
Sorenson, Diane	Graduate Student	Department of Psychiatry (School of Medicine)
Taylor, Brooks	Graduate Student	Division of Biological Sciences
Vollmers, Christopher	Graduate Student	Salk Institute for Biological Studies

Postdocs (29):

Name	Title	Department
Baumgartner, Bridget	Postdoc	Division of Biological Sciences
Bordowitz, Juliana	Postdoc	Division of Biological Sciences
Breton, Ghislain	Postdoc	Division of Biological Sciences
Buchner, John	Postdoc	Division of Biological Sciences
Carvallo-Pinto, Marcela	Postdoc	Division of Biological Sciences
Chow, Brenda	Postdoc	Division of Biological Sciences
Cohen, Susan	Postdoc	Division of Biological Sciences
DiTacchio, Luciano	Postdoc	Salk Institute for Biological Studies
Doherty, Colleen	Postdoc	Division of Biological Sciences
Evans, Jenn	Postdoc	Department of Psychology (Division of Social Sciences)
Gendron, Joshua	Postdoc	Division of Biological Sciences
Hamilton, Elizabeth	Postdoc	Division of Biological Sciences
Hator, Megumi	Postdoc	Salk Institute for Biological Studies
Helfer, Anne	Postdoc	Division of Biological Sciences
Hirota, Tsuyoshi	Postdoc	Division of Biological Sciences
Kim, Yong-Ick	Postdoc	Division of Biological Sciences
Kolmos, Elsebeth	Postdoc	Division of Biological Sciences
Liu, Tong	Postdoc	Division of Biological Sciences
Mather, Will	Postdoc	Division of Biological Sciences
McCarthy, Michael	Postdoc	Department of Psychiatry (School of Medicine)
Nagel, Dawn	Postdoc	Division of Biological Sciences
Noguchi, Takako	Postdoc	Department of Psychiatry (School of Medicine)
Nusinow, Dmitri	Postdoc	Division of Biological Sciences
Pruneda-Paz, Jose	Postdoc	Division of Biological Sciences

Sawa, Mariko	Postdoc	Division of Biological Sciences Department of Reproductive Medicine (School of Medicine)
Seeman, Sheila	Postdoc	Kavli Institute for Brain & Mind
Shultzaberger, Ryan	Postdoc	Salk Institute for Biological Studies
Williams, Stephen	Postdoc	Department of Pharmacology (School of Medicine)
Wu, Meilin	Postdoc	

Researchers (19):

Name	Title	Department
Abrahamsen, Adele	Proj. Scientist	Department of Philosophy
Andretic, Rozi	Research Fellow	Kavli Institute for Brain & Mind
Bree, Anna	Staff Research Associate	Division of Biological Sciences Department of Reproductive Medicine (School of Medicine)
Dhamija, Sangeeta	Staff Research Associate	Kavli Institute for Brain & Mind
Greenspan, Ralph	Research Scientist	Kavli Institute for Brain & Mind
Katsuki, Takeo	Associate Project Scientist	Division of Biological Sciences
King, Jasmine	Staff Research Associate	Department of Psychiatry (School of Medicine)
Liu, Lianqi	Associate Project Scientist	Department of Surgery
López, Ana M.	Staff Research Associate II	Department of Psychiatry (School of Medicine)
Maglione, Jeanne	Resident physician	Department of Psychiatry (School of Medicine)
Martínez, Luis Fernando	Staff Research Associate II	Department of Psychiatry (School of Medicine)
Meliska, Charles J.	Associate Project Scientist	Department of Psychiatry (School of Medicine)
Na, Kellen	Staff Research Associate	Division of Biological Sciences
Pan, Haiyun	Staff Research Associate	Department of Psychiatry (School of Medicine) Departments of Chemical Physiology, Molecular, & Experimental Medicine
Papp, Stephanie	Research Tech	Division of Biological Sciences
Quiroz, Lily	Staff Research Associate	Department of Psychiatry (School of Medicine)
Rex, Kathy	Staff Research Associate	BioCircuits Institute (BCI)
Rulkov, Nikolai	Associate Research Scientist	
Tsimring, Lev	Research Scientist	BioCircuits Institute (BCI)

Visitors (7):

Name	Title	Department
Kitayama, Yohko	Visiting Scholar - Postdoc	Division of Biological Sciences Nagoya University Japan
Liu, Xianzhong (Leo)	Visiting Scholar -SRA	Division of Biological Sciences
Schult, Roy	Visiting Scholar	BioCircuits Institute (BCI)
Shannahoff-Khalsa, David	Visiting Scholar	BioCircuits Institute (BCI)
Wang, Susanna	Visiting Scholar-Postdoc	Division of Biological Sciences
Wright, Jon	Visiting Scholar	BioCircuits Institute (BCI)
Zhang, Eric	Visiting Scholar-Postdoc	Division of Biological Sciences

Center for Chronobiology Symposium - "From Cells to the Clinic", March 10-12, 2010

UCSD Center for Chronobiology Symposium**"From Cells to the Clinic"**

Center for Chronobiology Mini-symposium - "Circadian Rhythms", November, 13, 2009

The Center for Chronobiology

presents a Mini-symposium on



8:30 am - 5:00 pm, Friday, November 13, 2009

Atkinson Pavilion, UCSD Faculty Club

UCSD SPEAKERS

Michael Gorman • Alexander Kauffman • Sonia Ancoli-Israel
William Bechtel • Barbara Parry • Timothy Rickard
Jeff Hasty • Stu Brody

UCSD Organizers

Stu Brody, Susan Golden
Michael Gorman, David Welsh

Center for Chronobiology website: <http://ccb.ucsd.edu/>

Center for Chronobiology Mini-symposium - "Circadian Rhythms", October, 23, 2009

**The San Diego Consortium for Systems Biology
and The Center for Chronobiology**

present a Mini-symposium on



CCB Poster with Members Listed

THE CENTER FOR
CHRONOBIOLOGY
 UNIVERSITY OF CALIFORNIA, SAN DIEGO
[HTTP://CCB.UCSD.EDU](http://ccb.ucsd.edu)

**Oscillator Networks**

WILLIAM BECHTEL

Department of Philosophy (Division of Arts and Humanities)

JEFF HASTY

Department of Bioengineering and Division of Biological Sciences

TERENCE HWA

Department of Physics (Division of Physical Sciences)

NIKOLAI RULIKOV

BioCreative Institute

LEV TISMIRING

BioCreative Institute

DAVID WELSH - Associate Director

Department of Psychiatry (School of Medicine)

Molecular Clock Mechanisms

STUART BRODY - Founding Director

Division of Biological Sciences

JOANNE CHORY

Cell and Division of Biological Sciences

RONALD EVANS

Cell and Division of Biological Sciences

SUSAN GOLDEN - Director

Division of Biological Sciences

STEVE KAY

Division of Biological Sciences

SATCHIN PANDA

Cell and Division of Biological Sciences

Metabolism & Physiology

JEFF ELLIOTT

Department of Psychiatry (School of Medicine)

MICHAEL GORMAN

Department of Psychology (Division of Social Sciences)

ALEXANDER KAUFFMAN

Department of Integrative Medicine (School of Medicine)

KATJA LAMIA - Associate Member

The Sargent-Nelson Institute

PAMELA MELLON

Department of Integrative Medicine (School of Medicine)

MARC MONTMINY

Cell and Division of Biological Sciences

Administration

TERRY PETERS

Business Manager, CCB

PATIE MAGALLANEZ

Administrative Specialist, CCB

Sleep & Behavior

SONIA ANCOLI-ISRAEL

Department of Psychiatry (School of Medicine)

SEAN DRUMMOND

Department of Psychiatry (School of Medicine)

RALPH GREENSPAN

Karl Institute for Brain & Mind

WILLIAM JOINER

Department of Psychiatry (School of Medicine)

DANIEL KRIPKE

Department of Psychiatry (School of Medicine)

SARA MEDNICK

Department of Psychiatry (School of Medicine)

BARBARA PARRY

Department of Psychiatry (School of Medicine)

TIMOTHY RICKARD

Department of Physiology (Division of Social Sciences)

TERRY SEJNOWSKI

Cell, Division of Biological Sciences, Computer Sci. & Engineering

STAFFING**ADVISORY COMMITTEE**

(6)

First Name	Last Name	Home Department	Appt. Date	End Date
Sonia	Ancoli-Israel	PSYCHIATRY	07/01/2009	
Stuart	Brody	DIV BIOLOGICAL	07/01/2009	
Susan	Golden	DIV BIOLOGICAL	07/01/2009	
Michael	Gorman	PSYCHOLOGY	07/01/2009	
Satchidananda	Panda	DIV BIOLOGICAL	07/01/2009	
David	Welsh	PSYCHIATRY	07/01/2009	

DIRECTORS

(2)

First Name	Last Name	Home Department	Appt. Date	Appt. End
Stuart	Brody	Biological Sciences	7/1/2009	6/30/2010
Susan	Golden	Biological Sciences	7/1/2009	6/30/2014

AFFILIATED FACULTY

(24)

First Name	Last Name	Home Department	Affiliation Date	End Date
Sonia	Ancoli-Israel	PSYCHIATRY	07/01/2009	
William	Bechtel	PHILOSOPHY	07/01/2009	
Stuart	Brody	DIV BIOLOGICAL	07/01/2009	
Joanne	Chory	DIV BIOLOGICAL	07/01/2009	
Sean	Drummond	PSYCHIATRY	07/01/2009	
Jeffrey	Elliott	PSYCHIATRY	07/01/2009	
Ronald	Evans	DIV BIOLOGICAL	07/01/2009	
Sylvia	Evans	SCH PHARM/PHARM	07/01/2009	
Susan	Golden	DIV BIOLOGICAL	07/01/2009	
Michael	Gorman	PSYCHOLOGY	07/01/2009	
Ralph	Greenspan	KAVLI INST BRAI	07/01/2009	
Jeff	Hasty	DIV BIOLOGICAL	07/01/2009	
Terence	Hwa	PHYSICS	07/01/2009	
William	Joiner	PHARMACOLOGY	07/01/2009	
Alexander	Kauffman	REPRO MED	07/01/2009	
Steve	Kay	DIV BIOLOGICAL	07/01/2009	
Daniel	Kripke	PSYCHIATRY	07/01/2009	
Sara	Mednick	PSYCHIATRY	07/01/2009	
Pamela	Mellon	REPRO MED	07/01/2009	
Marc	Montminy	DIV BIOLOGICAL	07/01/2009	
Satchidananda	Panda	DIV BIOLOGICAL	07/01/2009	
Barbara	Parry	PSYCHIATRY	07/01/2009	
Timothy	Rickard	PSYCHOLOGY	07/01/2009	
David	Welsh	PSYCHIATRY	07/01/2009	

RESEARCHERS

(1)

First Name	Last Name	Payroll Title	Appt. Date	End Date
See List of Researchers under #8 Narratives		Research Scientist (Non- Business/Engineering)		

POST DOCS

(1)

First Name	Last Name	Payroll Title	Appt. Date	End Date
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See List of
Postdocs under #8
Narratives

Postdoctoral Scholar-
Employee

STAFF

(2)

First Name	Last Name	Payroll Title	Start Date	End Date
Patricia	Magallanez	Admin. Specialist	01/20/2010	99/99/9999
Terry	Peters	Management Services Officer II	7/1/2009	99/99/9999

STUDENTS

(1)

First Name	Last Name	Home Department	Status	Begin Date	End Date
See List of Students under #8 Narratives			Undergraduate		

VISITORS

(1)

First Name	Last Name	Home Institution	Begin Date	End Date
See List of Visitors under #8 Narratives				

ORGANIZATION CHART



PPS Head Count

Total

FACILITIES

	2010
Administrative Office	281
Conference Room	270
Totals (assignable sq. ft.)	551

Permanent Budget

	2010	Total
418833	85,000	85,000
—Oru-Center For Chronobiology		
Total	85,000	\$85,000

Transfers

	2010	Total
418833	120,130	120,130
Total	120,130	\$120,130

Contract and Grant Allocations - Unit Code: 432

Sponsor Category Totals - Unit Code: 432

	Transactions	Direct	Indirect	Total
Interest Group	0	0	0	0
UC Campus	0	0	0	0
Higher Education	0	0	0	0
Foundation	0	0	0	0
Federal	0	0	0	0
Other Government	0	0	0	0
Business	0	0	0	0
Other Charitable	0	0	0	0
State	0	0	0	0
DOE Labs	0	0	0	0
Totals	0	0	0	\$ 0

User Reported Income

	418833	Total
Fellowships	0	0
Gifts	0	0
Other income	0	0
Service Agreements	0	0
Totals	0	\$ 0

EXPENSE

Expense Summary

	418833	Total
Academic Salaries	2,800	2,800
Benefits	19,244	19,244
Equipment	0	0
General Assistance	5,129	5,129
Indirect Costs	0	0
Recharge Income	0	0
Staff Salaries	33,865	33,865
Supplies	42,160	42,160
Transfers In	0	0
Travel	7,301	7,301
Totals	110,499	\$ 110,499

Expense By Program

	2010	Total
Core Account Research	110,499	110,499
Totals	110,499	\$110,499

EVENTS

SEMINARS (16)

Title	Date	Presenter	Location
The Transcriptional Repressor DEC2 Regulates Sleep Length in Mammals	2009-10-01	Dan Kripke	UCSD Liechtag, 2A05
Diurnally Entertained Anticipatory Behavior in Archaea	2009-10-15	Colleen Doherty	Leichtag 2A05
Dissociation of Circadian and Light Inhibition of Melatonin Release Through Forced Desynchronization in the Rat	2009-11-05	Gena Glickman	Leichtag 2A05
Cyanobacterial Daily Life with Kai-based Circadian and Diurnal Genome-Wide Transcriptional Control in Synechococcus elongatus	2009-11-19	John Buchner	Leichtag 2A05
AMPK Regulates the Circadian Clock by Cryptochrome Phosphorylation and Degradation	2009-12-03	Yhew Pongsawakul	Leichtag 2A05
Circadian Rhythms in Neurospora crassa: Dynamics of the Clock Component Frequency Visualized Using a Fluorescent Reporter	2009-12-17	Michael Ferry	Leichtag 2A05
Correlation with Behavioral Activity and Rest Implies Circadian Regulation by SCN Neuronal Activity Levels	2010-01-07	Michael Gorman	Leichtag 2A05
The Implications of Multiple	2010-01-21	Ralph Greenspan	Leichtag 2A05

Circadian Clock Origins			
Millisecond Light Pulses Make Mice Stop Running, then Display Prolonged Sleep-Like Behavior in the Absence of Light	2010-02-04	Jeff Elliott	Leichtag 2A05
Elevated ATPase Activity of KaiC Applies a Circadian Checkpoint on Cell Division in <i>Synechococcus elongatus</i>	2010-02-18	Guogang Dong	Leichtag 2A05
Small-World Network Models of Intercellular Coupling Predict Enhanced Synchronization in the Suprachiasmatic Nucleus	2010-03-04	Bill Bechtel	Leichtag 2A05
The methamphetamine-sensitive circadian oscillator does not employ canonical clock genes	2010-04-04	Mike McCarthy	Leichtag 2A05
Animal cryptochromes mediate magnetoreception by an unconventional photochemical mechanism	2010-04-15	Ann Atwood	Leichtag 2A05
Genetic suppression of the circadian Clock mutation by the melatonin biosynthesis pathway	2010-05-06	Evan Raiewski	Leichtag 2A05
PSEUDO-RESPONSE REGULATORS 9, 7, and 5 Are Transcriptional Repressors in the Arabidopsis Circadian Clock	2010-05-20	Colleen Doherty	Leichtag 2A05
Circadian Clock Gene Bmal1 Is Not Essential; Functional Replacement with its Paralog, Bmal2	2010-06-03	Takako Noguchi	Leichtag 2A05

LECTURES (0)

Title	Date	Presenter	Location
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CONFERENCES (3)

Title	Date	Presenter	Location
Mini-Symposium on Circadian Rhythms	2009-10-23	Susan Golden-UCSD, David Welsh-UCSD, Ying-Hui Fu-UCSF, Joanne Chory-Salk, Satchin Panda-Salk, Steve Kay-UCSD, and Ron Evans-Salk	Frederic de Hoffman Auditorium, Salk Institute for Biological Studies
Mini-Symposium on Circadian Rhythms	2009-11-13	Stu Brody-UCSD, Michael Gorman-UCSD, Sasha Kauffman-UCSD, Sonia Ancoli-Israel-UCSD, William Bechtel-UCSD, Barbara Parry-UCSD, Timothy Rickard-UCSD, Jeff Hasty-UCSD, and Susan Golden-UCSD	Atkinson Pavilion, UCSD Faculty Club
CCB Symposium: From Cells to the Clinic	2010-05-10	H.de la Iglesia, F.Doyle, J.Dunlap, R.Greenspan, S.Harmer, L.Hasher, J.Hasty, S.Hattar, E.Herzog, S.Kay, E.Klerman, C.R.McClung, R.Nelson, M.Nitabach, E.O'Shea, P.Sassone-Corsi, and P.Zee	Institute of the Americas, UCSD

OTHER (3)

Title	Date	Presenter	Location
Faculty Club Lunch Meetings to Introduce the Center for	2009-09-09	Susan Golden and Stu Brody	Faculty Club

Chronobiology to CCB Faculty
Members

Faculty Club Lunch Meetings to 2009-09-17 Susan Golden and Stu Brody Faculty Club
Introduce the Center for

Chronobiology to CCB Faculty
Members

Reception for CCB Research 2009-12-02 Susan Golden and Stu Brody Mandeville Suite,
Staff Tioga Hall, UCSD

PUBLICATIONS

JOURNALS (280)

Author(s): Ancoli-Israel, S (Ancoli-Israel, Sonia)Title: Sleep and EthnicitySource: BEHAVIORAL SLEEP
MEDICINE, 8 (4): 191-193 2010ISSN: 1540-2002DOI: 10.1080/15402002.2010.509186

Author(s): Tomfohr, LM (Tomfohr, Lianne M.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Dimsdale, JE
(Dimsdale, Joel E.)Title: Childhood Socioeconomic Status and Race Are Associated With Adult
SleepSource: BEHAVIORAL SLEEP MEDICINE, 8 (4): 219-230 2010ISSN: 1540-2002DOI:
10.1080/15402002.2010.509236

Author(s): Weiss, J (Weiss, J.); Zinner, N (Zinner, N.); Daneshgari, F (Daneshgari, F.); Klein, B (Klein, B.);
Norgaard, JP (Norgaard, J. P.); Ancoli-Israel, S (Ancoli-Israel, S.)Title: Desmopressin Orally Disintegrating
Tablet Effectively Reduces Symptoms Of Nocturia And Prolongs Undisturbed Sleep In Patients With
Nocturia: Results Of A Randomized Placebo-Controlled StudySource: INTERNATIONAL
UROGYNECOLOGY JOURNAL, 21: S285-S287 198 Suppl. 1 AUG 2010ISSN: 0937-3462

Author(s): von Kanel, R (von Kaenel, Roland); Mausbach, BT (Mausbach, Brent T.); Dimsdale, JE
(Dimsdale, Joel E.); Mills, PJ (Mills, Paul J.); Patterson, TL (Patterson, Thomas L.); Ancoli-Israel, S (Ancoli-
Israel, Sonia); Ziegler, MG (Ziegler, Michael G.); Roepke, SK (Roepke, Susan K.); Allison, M (Allison,
Matthew); Grant, I (Grant, Igor)Title: Problem Behavior of Dementia Patients Predicts Low-Grade
Hypercoagulability in Spousal CaregiversSource: JOURNALS OF GERONTOLOGY SERIES A-
BIOLOGICAL SCIENCES AND MEDICAL SCIENCES, 65 (9): 1004-1011 SEP 2010ISSN: 1079-
5006DOI: 10.1093/gerona/gdq073

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Drummond, SPA (Drummond,
Sean P. A.)Title: Obstructive Sleep Apnea and Age A Double Insult to Brain Function?Source: AMERICAN
JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE, 182 (3): 413-419 AUG 1 2010ISSN:
1073-449XDOI: 10.1164/rccm.200912-1805OC

Author(s): Loreda, JS (Loreda, Jose S.); Soler, X (Soler, Xavier); Bardwell, W (Bardwell, Wayne); Ancoli-
Israel, S (Ancoli-Israel, Sonia); Dimsdale, JE (Dimsdale, Joel E.); Palinkas, LA (Palinkas, Lawrence A.)Title:
Sleep Health in US Hispanic PopulationSource: SLEEP, 33 (7): 962-967 JUL 1 2010ISSN: 0161-8105

Author(s): Mausbach, BT (Mausbach, Brent T.); Roepke, SK (Roepke, Susan K.); Ziegler, MG (Ziegler,
Michael G.); Milic, M (Milic, Milos); von Kanel, R (von Kaenel, Roland); Dimsdale, JE (Dimsdale, Joel E.);
Mills, PJ (Mills, Paul J.); Patterson, TL (Patterson, Thomas L.); Allison, MA (Allison, Matthew A.); Ancoli-
Israel, S (Ancoli-Israel, Sonia); Grant, I (Grant, Igor)Title: Association Between Chronic Caregiving Stress
and Impaired Endothelial Function in the ElderlySource: JOURNAL OF THE AMERICAN COLLEGE OF
CARDIOLOGY, 55 (23): 2599-2606 JUN 8 2010ISSN: 0735-1097DOI: 10.1016/j.jacc.2009.11.093

Author(s): Lee, IS (Lee, In-Soo); Bardwell, WA (Bardwell, Wayne A.); Ancoli-Israel, S (Ancoli-Israel,
Sonia); Dimsdale, JE (Dimsdale, Joel E.)Title: Number of Lapses during the Psychomotor Vigilance Task as
an Objective Measure of FatigueSource: JOURNAL OF CLINICAL SLEEP MEDICINE, 6 (2): 163-168
APR 15 2010ISSN: 1550-9389

Author(s): Neikrug, AB (Neikrug, A. B.); Ancoli-Israel, S (Ancoli-Israel, S.)Title: Sleep disturbances in
nursing homesSource: JOURNAL OF NUTRITION HEALTH & AGING, 14 (3): 207-211 MAR 2010ISSN:
1279-7707DOI: 10.1007/s12603-010-0051-8

Author(s): Paudel, ML (Paudel, Misti L.); Taylor, BC (Taylor, Brent C.); Ancoli-Israel, S (Ancoli-Israel,
Sonia); Blackwell, T (Blackwell, Terri); Stone, KL (Stone, Katie L.); Tranah, G (Tranah, Greg); Redline, S
(Redline, Susan); Cummings, SR (Cummings, Steven R.); Ensrud, KE (Ensrud, Kristine E.)Group Author(s):
Osteoporotic Fractures Men MrOSTitle: Rest/Activity Rhythms And Mortality Rates In Older Men: Mros

Sleep StudySource: CHRONOBIOLOGY INTERNATIONAL, 27 (2): 363-377 2010ISSN: 0742-0528DOI: 10.3109/07420520903419157

Author(s): Roepke, SK (Roepke, Susan K.); Ancoli-Israel, S (Ancoli-Israel, Sonia)Title: The moderating role of personal mastery on the relationship between caregiving status and multiple dimensions of fatigueSource: INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY, 24 (12): 1453-1462 DEC 2009ISSN: 0885-6230DOI: 10.1002/gps.2286

Author(s): Moore, M (Moore, Melisa); Kirchner, HL (Kirchner, H. Lester); Drotar, D (Drotar, Dennis); Johnson, N (Johnson, Nathan); Rosen, C (Rosen, Carol); Ancoli-Israel, S (Ancoli-Israel, Sonia); Redline, S (Redline, Susan)Title: Relationships Among Sleepiness, Sleep Time, and Psychological Functioning in AdolescentsSource: JOURNAL OF PEDIATRIC PSYCHOLOGY, 34 (10): 1175-1183 NOV-DEC 2009ISSN: 0146-8693DOI: 10.1093/jpepsy/jsp039

Author(s): Ensrud, KE (Ensrud, Kristine E.); Blackwell, TL (Blackwell, Terri L.); Redline, S (Redline, Susan); Ancoli-Israel, S (Ancoli-Israel, Sonia); Paudel, ML (Paudel, Misti L.); Cawthon, PM (Cawthon, Peggy M.); Dam, TTL (Dam, Thuy-Tien L.); Barrett-Connor, E (Barrett-Connor, Elizabeth); Leung, PC (Leung, Ping C.); Stone, KL (Stone, Katie L.)Group Author(s): Osteoporotic Fractures Men Study GTitle: Sleep Disturbances and Frailty Status in Older Community-Dwelling MenSource: JOURNAL OF THE AMERICAN GERIATRICS SOCIETY, 57 (11): 2085-2093 NOV 2009ISSN: 0002-8614DOI: 10.1111/j.1532-5415.2009.02490.x

Author(s): Yue, HJ (Yue, Herbert J.); Bardwell, W (Bardwell, Wayne); Ancoli-Israel, S (Ancoli-Israel, Sonia); Lored, JS (Lored, Jose S.); Dimsdale, JE (Dimsdale, Joel E.)Title: Arousal frequency is associated with increased fatigue in obstructive sleep apneaSource: SLEEP AND BREATHING, 13 (4): 331-339 NOV 2009ISSN: 1520-9512DOI: 10.1007/s11325-009-0252-8

Author(s): Cooke, JR (Cooke, Jana R.); Ayalon, L (Ayalon, Liat); Palmer, BW (Palmer, Barton W.); Lored, JS (Lored, Jose S.); Corey-Bloom, J (Corey-Bloom, Jody); Natarajan, L (Natarajan, Loki); Liu, LQ (Liu, Lianqi); Ancoli-Israel, S (Ancoli-Israel, Sonia)Title: Sustained Use of CPAP Slows Deterioration of Cognition, Sleep, and Mood in Patients with Alzheimer's Disease and Obstructive Sleep Apnea: A Preliminary StudySource: JOURNAL OF CLINICAL SLEEP MEDICINE, 5 (4): 305-309 AUG 15 2009ISSN: 1550-9389

Author(s): Ancoli-Israel, S (Ancoli-Israel, Sonia)Title: Sleep and its disorders in aging populationsSource: SLEEP MEDICINE, 10: S7-S11 Suppl. 1 SEP 2009ISSN: 1389-9457DOI: 10.1016/j.sleep.2009.07.004Record 1 of 10Author(s): Ancoli-Israel, S (Ancoli-Israel, S.); Klein, BM (Klein, B. M.); Holm-Larsen, T (Holm-Larsen, T.)Title: DOES THE USE OF SLEEP QUESTIONNAIRES ADD TO OUR KNOWLEDGE ABOUT THE IMPACT OF NOCTURIA?Source: NEUROUROLOGY AND URODYNAMICS, 28 (7): 635-636 54 2009ISSN: 0733-2467

Author(s): Savard, J (Savard, Josee); Liu, LQ (Liu, Lianqi); Natarajan, L (Natarajan, Loki); Rissling, MB (Rissling, Michelle B.); Neikrug, AB (Neikrug, Ariel B.); He, F (He, Feng); Dimsdale, JE (Dimsdale, Joel E.); Mills, PJ (Mills, Paul J.); Parker, BA (Parker, Barbara A.); Sadler, GR (Sadler, Georgia Robins); Ancoli-Israel, S (Ancoli-Israel, Sonia)Title: Breast Cancer Patients have Progressively Impaired Sleep-Wake Activity Rhythms during ChemotherapySource: SLEEP, 32 (9): 1155-1160 SEP 1 2009ISSN: 0161-8105

Author(s): Yue, HJ (Yue, Herbert J.); Mills, PJ (Mills, Paul J.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Lored, JS (Lored, Jose S.); Ziegler, MG (Ziegler, Michael G.); Dimsdale, JE (Dimsdale, Joel E.)Title: The roles of TNF-alpha and the soluble TNF receptor I on sleep architecture in OSASource: SLEEP AND BREATHING, 13 (3): 263-269 AUG 2009ISSN: 1520-9512DOI: 10.1007/s11325-008-0242-2

Author(s): Aschbacher, K (Aschbacher, Kirstin); Roepke, SK (Roepke, Susan K.); von Kanel, R (von Kaenel, Roland); Mills, PJ (Mills, Paul J.); Mausbach, BT (Mausbach, Brent T.); Patterson, TL (Patterson, Thomas L.); Dimsdale, JE (Dimsdale, Joel E.); Ziegler, MG (Ziegler, Michael G.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Grant, I (Grant, Igor)Title: Persistent versus transient depressive symptoms in relation to platelet hyperactivation: A longitudinal analysis of dementia caregiversSource: JOURNAL OF AFFECTIVE DISORDERS, 116 (1-2): 80-87 JUL 2009ISSN: 0165-0327DOI: 10.1016/j.jad.2008.11.008

Author(s): Mills, PJ (Mills, Paul J.); Ancoli-Israel, S (Ancoli-Israel, Sonia); von Kanel, R (von Kaenel, Roland); Mausbach, BT (Mausbach, Brent T.); Aschbacher, K (Aschbacher, Kirstin); Patterson, TL (Patterson, Thomas L.); Ziegler, MG (Ziegler, Michael G.); Dimsdale, JE (Dimsdale, Joel E.); Grant, I

(Grant, Igor)Title: Effects of gender and dementia severity on Alzheimer's disease caregivers' sleep and biomarkers of coagulation and inflammationSource: BRAIN BEHAVIOR AND IMMUNITY, 23 (5): 605-610 Sp. Iss. SI JUL 2009ISSN: 0889-1591DOI: 10.1016/j.bbi.2008.09.014

Author(s): Bliwise, DL (Bliwise, Donald L.); Foley, DJ (Foley, Daniel J.); Vitiello, MV (Vitiello, Michael V.); Ansari, FP (Ansari, Farzaneh Pour); Ancoli-Israel, S (Ancoli-Israel, Sonia); Walsh, JK (Walsh, James K.)Title: Nocturia and disturbed sleep in the elderlySource: SLEEP MEDICINE, 10 (5): 540-548 MAY 2009ISSN: 1389-9457DOI: 10.1016/j.sleep.2008.04.002

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Drummond, SP (Drummond, Sean Pa)Title: Altered brain activation during response inhibition in obstructive sleep apneaSource: JOURNAL OF SLEEP RESEARCH, 18 (2): 204-208 JUN 2009ISSN: 0962-1105DOI: 10.1111/j.1365-2869.2008.00707.x

Author(s): Mills, P (Mills, P.); Natarajan, L (Natarajan, L.); von Kanel, R (von Kanel, R.); Ancoli-Israel, S (Ancoli-Israel, S.); Dimsdale, JE (Dimsdale, J. E.)Title: DIURNAL VARIABILITY OF C-REACTIVE PROTEIN (CRP) IN OBSTRUCTIVE SLEEP APNEA (OSA)Source: SLEEP, 32: A44-A44 0130 Suppl. S 2009ISSN: 0161-8105

Author(s): Paudel, ML (Paudel, M. L.); Taylor, BC (Taylor, B. C.); Ancoli-Israel, S (Ancoli-Israel, S.); Stone, KL (Stone, K. L.); Tranah, G (Tranah, G.); Redline, S (Redline, S.); Barrett-Connor, E (Barrett-Connor, E.); Ensrud, KE (Ensrud, K. E.)Title: INCIDENT CARDIOVASCULAR DISEASE AND REST/ACTIVITY RHYTHM DISTURBANCES IN OLDER MEN: MROS SLEEPSource: SLEEP, 32: A46-A47 0136 Suppl. S 2009ISSN: 0161-8105

Author(s): Jonelis, MB (Jonelis, M. B.); Drummond, SP (Drummond, S. P.); Salamat, J (Salamat, J.); McKenna, BS (McKenna, B. S.); Ancoli-Israel, S (Ancoli-Israel, S.); Bondi, M (Bondi, M.)Title: SLEEP QUALITY AND QUANTITY PREDICT BRAIN ACTIVATION DURING VERBAL LEARNING IN OLDER ADULTSSource: SLEEP, 32: A114-A114 343 Suppl. S 2009ISSN: 0161-8105

Author(s): Stone, KL (Stone, K. L.); Blackwell, T (Blackwell, T.); Ancoli-Israel, S (Ancoli-Israel, S.); Cauley, JA (Cauley, J. A.); Ensrud, KE (Ensrud, K. E.); Bauer, DC (Bauer, D. C.); Barrett-Connor, E (Barrett-Connor, E.); Patel, S (Patel, S.); Hillier, TA (Hillier, T. A.); Redline, S (Redline, S.)Title: ACTIGRAPHIC MEASURES OF SLEEP DURATION AND RISK OF MORTALITY IN OLDER MEN AND WOMENSource: SLEEP, 32: A114-A114 344 Suppl. S 2009ISSN: 0161-8105

Author(s): Olson, C (Olson, C.); Palmer, BW (Palmer, B. W.); Natarajan, L (Natarajan, L.); Corey-Bloom, J (Corey-Bloom, J.); He, F (He, F.); Lored, JS (Lored, J. S.); Ancoli-Israel, S (Ancoli-Israel, S.)Title: CPAP IMPROVES EXECUTIVE FUNCTION IN ALZHEIMER'S PATIENTS WITH OSASource: SLEEP, 32: A230-A230 705 Suppl. S 2009ISSN: 0161-8105

Author(s): Morin, C (Morin, C.); Krystal, A (Krystal, A.); McCall, V (McCall, V.); Schaefer, K (Schaefer, K.); Claus, R (Claus, R.); Wilson, A (Wilson, A.); Friedman, M (Friedman, M.); Roth, T (Roth, T.); Ancoli-Israel, S (Ancoli-Israel, S.)Title: A RESPONDER ANALYSIS USING THE INSOMNIA SEVERITY INDEX IN OLDER ADULTS TREATED FOR 12 WEEKS WITH ESZOPICLONE 2 MG OR PLACEBOSource: SLEEP, 32: A266-A267 0815 Suppl. S 2009ISSN: 0161-8105

Author(s): Calderon, J (Calderon, J.); Neikrug, AB (Neikrug, A. B.); Liu, L (Liu, L.); Jones, D (Jones, D.); Maglione, JE (Maglione, J. E.); Corey-Bloom, J (Corey-Bloom, J.); Lored, JS (Lored, J. S.); Cooke, JR (Cooke, J. R.); Lawton, S (Lawton, S.); Ancoli-Israel, S (Ancoli-Israel, S.)Title: UPDRS ACTIVITIES OF DAILY LIVING AND REM BEHAVIOR DISORDER IN PATIENTS WITH PARKINSON'S DISEASESource: SLEEP, 32: A292-A292 0896 Suppl. S 2009ISSN: 0161-8105

Author(s): Sawanyawisuth, K (Sawanyawisuth, K.); Bardwell, WA (Bardwell, W. A.); Palinkas, LA (Palinkas, L. A.); Ancoli-Israel, S (Ancoli-Israel, S.); Dimsdale, JE (Dimsdale, J. E.); Lored, JS (Lored, J. S.)Title: ETHNIC DIFFERENCES IN THE PREVALENCE AND PREDICTORS OF RESTLESS LEG SYNDROME BETWEEN NON-HISPANIC WRITES AND HISPANICS OF MEXICAN DESCENTSSource: SLEEP, 32: A299-A299 0916 Suppl. S 2009ISSN: 0161-8105

Author(s): Neikrug, AB (Neikrug, A. B.); Calderon, J (Calderon, J.); Liu, L (Liu, L.); Jones, D (Jones, D.); Maglione, JE (Maglione, J. E.); Corey-Bloom, J (Corey-Bloom, J.); Lored, JS (Lored, J. S.); Cooke, JR (Cooke, J. R.); Lawton, S (Lawton, S.); Ancoli-Israel, S (Ancoli-Israel, S.)Title: OBJECTIVE MEASURES

OF DAYTIME SLEEPINESS IN PATIENTS WITH PARKINSON'S DISEASE AND REM BEHAVIOR DISORDERS
Source: SLEEP, 32: A309-A309 947 Suppl. S 2009ISSN: 0161-8105

Author(s): Ancoli-Israel, S (Ancoli-Israel, S.); Natarajan, L (Natarajan, L.); Palmer, BW (Palmer, B. W.); Parker, BA (Parker, B. A.); Mills, PJ (Mills, P. J.); Sadler, GR (Sadler, G. R.); Dimsdale, JE (Dimsdale, J. E.)
Title: CONTRIBUTION OF FATIGUE TO CHEMOBRAIN IN WOMEN UNDERGOING CHEMOTHERAPY FOR BREAST CANCER
Source: SLEEP, 32: A319-A320 980 Suppl. S 2009ISSN: 0161-8105

Author(s): Rissling, M (Rissling, M.); Natarajan, L (Natarajan, L.); Parker, BA (Parker, B. A.); Liu, L (Liu, L.); He, F (He, F.); Ancoli-Israel, S (Ancoli-Israel, S.)
Title: ASSOCIATION OF SELF-REPORTED SLEEP MEDICATION USE TO SLEEP, DEPRESSION, FATIGUE AND MENOPAUSAL SYMPTOMS IN WOMEN UNDERGOING CHEMOTHERAPY FOR BREAST CANCER
Source: SLEEP, 32: A323-A323 990 Suppl. S 2009ISSN: 0161-8105

Author(s): Liu, L (Liu, L.); Natarajan, L (Natarajan, L.); He, F (He, F.); Johnson, S (Johnson, S.); Parker, BA (Parker, B. A.); Sadler, GR (Sadler, G. R.); Mills, PJ (Mills, P. J.); Dimsdale, JE (Dimsdale, J. E.); Ancoli-Israel, S (Ancoli-Israel, S.)
Title: ACTIGRAPHY-BASED PRE-TREATMENT NAP TIME PREDICTS QUALITY OF LIFE DURING CHEMOTHERAPY IN BREAST CANCER PATIENTS
Source: SLEEP, 32: A323-A323 991 Suppl. S 2009ISSN: 0161-8105

Author(s): Savard, J (Savard, J.); Liu, L (Liu, L.); Natarajan, L (Natarajan, L.); Neikrug, AB (Neikrug, A. B.); He, F (He, F.); Dimsdale, JE (Dimsdale, J. E.); Mills, PJ (Mills, P. J.); Parker, BA (Parker, B. A.); Sadler, G (Sadler, G.); Ancoli-Israel, S (Ancoli-Israel, S.)
Title: DO SLEEP-WAKE CYCLES GET IMPAIRED DURING CHEMOTHERAPY FOR BREAST CANCER?
Source: SLEEP, 32: A324-A324 993 Suppl. S 2009ISSN: 0161-8105

Author(s): Kelly, MR (Kelly, M. R.); Bootzin, RR (Bootzin, R. R.); Ancoli-Israel, S (Ancoli-Israel, S.); Haynes, PL (Haynes, P. L.)
Title: ACTIGRAPHIC COMPARISON OF SLEEP IN COMORBID POSTTRAUMATIC STRESS DISORDER AND DEPRESSION VERSUS DEPRESSION ALONE
Source: SLEEP, 32: A346-A346 1060 Suppl. S 2009ISSN: 0161-8105

Author(s): Maglione, JE (Maglione, J. E.); Liu, L (Liu, L.); Calderon, J (Calderon, J.); Neikrug, A (Neikrug, A.); Natarajan, L (Natarajan, L.); Cooke, JR (Cooke, J. R.); Corey-Bloom, P (Corey-Bloom, P.); Lored, JS (Lored, J. S.); Jones, D (Jones, D.); Ancoli-Israel, S (Ancoli-Israel, S.)
Title: ACTIGRAPHY FOR THE ASSESSMENT OF SLEEP AND WAKE IN PARKINSON'S DISEASE
Source: SLEEP, 32: A372-A372 1137 Suppl. S 2009ISSN: 0161-8105

Author(s): Sell, RE (Sell, R. E.); Bardwell, W (Bardwell, W.); Palinkas, L (Palinkas, L.); Ancoli-Israel, S (Ancoli-Israel, S.); Dimsdale, J (Dimsdale, J.); Lored, JS (Lored, J. S.)
Title: ETHNIC DIFFERENCES IN SLEEP-HEALTH KNOWLEDGE
Source: SLEEP, 32: A392-A392 1199 Suppl. S 2009ISSN: 0161-8105

Author(s): Tomfohr, LM (Tomfohr, L. M.); Ancoli-Israel, S (Ancoli-Israel, S.); Dimsdale, J (Dimsdale, J.)
Title: THE IMPACT OF UPLIFTS ON SLEEP QUALITY
Source: SLEEP, 32: A411-A411 1257 Suppl. S 2009ISSN: 0161-8105

Author(s): Bloom, HG (Bloom, Harrison G.); Ahmed, I (Ahmed, Imran); Alessi, CA (Alessi, Cathy A.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Buysse, DJ (Buysse, Daniel J.); Kryger, MH (Kryger, Meir H.); Phillips, BA (Phillips, Barbara A.); Thorpy, MJ (Thorpy, Michael J.); Vitiello, MV (Vitiello, Michael V.); Zee, PC (Zee, Phyllis C.)
Title: Evidence-Based Recommendations for the Assessment and Management of Sleep Disorders in Older Persons
Source: JOURNAL OF THE AMERICAN GERIATRICS SOCIETY, 57 (5): 761-789 MAY 2009ISSN: 0002-8614DOI: 10.1111/j.1532-5415.2009.02220.x

Author(s): Stone, KL (Stone, Katie L.); Ewing, SK (Ewing, Susan K.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Ensrud, KE (Ensrud, Kristine E.); Redline, S (Redline, Susan); Bauer, DC (Bauer, Douglas C.); Cauley, JA (Cauley, Jane A.); Hillier, TA (Hillier, Teresa A.); Cummings, SR (Cummings, Steven R.)
Title: Self-Reported Sleep and Nap Habits and Risk of Mortality in a Large Cohort of Older Women
Source: JOURNAL OF THE AMERICAN GERIATRICS SOCIETY, 57 (4): 604-611 APR 2009ISSN: 0002-8614DOI: 10.1111/j.1532-5415.2008.02171.x

Author(s): Rao, MN (Rao, Madhu N.); Blackwell, T (Blackwell, Terri); Susan, R (Susan, Redline); Stefanick, ML (Stefanick, Marcia L.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Stone, KL (Stone, Katie L.)
Group Author

(s): Osteoporotic Fractures Men (MrOS)Title: Association Between Sleep Architecture and Measures of Body CompositionSource: SLEEP, 32 (4): 483-490 APR 1 2009ISSN: 0161-8105

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Aka, AA (Aka, Allison A.); McKenna, BS (McKenna, Benjamin S.); Drummond, SPA (Drummond, Sean P. A.)Title: Relationship Between Obstructive Sleep Apnea Severity and Brain Activation During a Sustained Attention TaskSource: SLEEP, 32 (3): 373-381 MAR 1 2009ISSN: 0161-8105

Author(s): Liu, LQ (Liu, Lianqi); Fiorentino, L (Fiorentino, Lavinia); Natarajan, L (Natarajan, Loki); Parker, BA (Parker, Barbara A.); Mills, PJ (Mills, Paul J.); Sadler, GR (Sadler, Georgia Robins); Dimsdale, JE (Dimsdale, Joel E.); Rissling, M (Rissling, Michelle); He, F (He, Feng); Ancoli-Israel, S (Ancoli-Israel, Sonia)Title: Pre-treatment symptom cluster in breast cancer patients is associated with worse sleep, fatigue and depression during chemotherapySource: PSYCHO-ONCOLOGY, 18 (2): 187-194 FEB 2009ISSN: 1057-9249DOI: 10.1002/pon.1412

Author(s): Kezirian, EJ (Kezirian, Eric J.); Harrison, SL (Harrison, Stephanie L.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Redline, S (Redline, Susan); Ensrud, K (Ensrud, Kristine); Goldberg, AN (Goldberg, Andrew N.); Claman, DM (Claman, David M.); Spira, AP (Spira, Adam P.); Stone, KL (Stone, Katie L.)Group Author(s): Study Osteoporotic Fractures Men MTITLE: Behavioral Correlates of Sleep-Disordered Breathing in Older MenSource: SLEEP, 32 (2): 253-261 FEB 1 2009ISSN: 0161-8105

Author(s): Haensel, A (Haensel, Alexander); Bardwell, WA (Bardwell, Wayne A.); Mills, PJ (Mills, Paul J.); Lored, JS (Lored, Jose S.); Ancoli-Israel, S (Ancoli-Israel, Sonia); Morgan, EE (Morgan, Erin E.); Heaton, RK (Heaton, Robert K.); Dimsdale, JE (Dimsdale, Joel E.) Title: Relationship between inflammation and cognitive function in obstructive sleep apnea Source: SLEEP AND BREATHING, 13 (1): 35-41 FEB 2009 ISSN: 1520-9512 DOI: 10.1007/s11325-008-0198-2

Author(s): Ancoli-Israel S, Bliwise DL, N?rgaard JP. The effect of nocturia on sleep.Sleep Med Rev. 2010 Jun 5. [Epub ahead of print] PubMed PMID: 20965130.

Author(s): Fiorentino L, McQuaid JR, Liu L, Natarajan L, He F, Cornejo M, Lawton S,Parker BA, Sadler GR, Ancoli-Israel S. Individual cognitive behavioral therapyfor insomnia in breast cancer survivors: a randomized controlled crossover pilot study. Nat Sci Sleep. 2009 Dec 1;2010:1-8. PubMed PMID: 20948579; PubMed Central PMCID: PMC2953254.

Author(s): Rief W, Mills PJ, Ancoli-Israel S, Ziegler MG, Pung MA, Dimsdale JE. Overnightchanges of immune parameters and catecholamines are associated with mood andstress. Psychosom Med. 2010 Oct;72 (8):755-62. Epub 2010 Sep 14. PubMed PMID:20841563.

Author(s): Mausbach BT, von K?nel R, Roepke SK, Moore R, Patterson TL, Mills PJ, Dimsdale, JE, Ziegler MG, Ancoli-Israel S, Allison M, Grant I. Self-Efficacy Buffers theRelationship Between Dementia Caregiving Stress and Circulating Concentrations ofthe Proinflammatory Cytokine Interleukin-6. Am J Geriatr Psychiatry. 2010 Apr 27.[Epub ahead of print] PubMed PMID: 20808097.

Author(s): Roepke SK, Mausbach BT, Patterson TL, von K?nel R, Ancoli-Israel S, HarmellAL, Dimsdale JE, Aschbacher K, Mills PJ, Ziegler MG, Allison M, Grant I. Effects of Alzheimer caregiving on allostatic load. J Health Psychol. 2010 Aug 13. [Epub ahead of print] PubMed PMID: 20709885.

Author(s): Rissling MB, Liu L, Natarajan L, He F, Ancoli-Israel S. Relationship ofmenopausal status and climacteric symptoms to sleep in women undergoingchemotherapy. Support Care Cancer. 2010 May 29. [Epub ahead of print] PubMedPMID: 20508951.

Author(s): Harmell AL, Mausbach BT, Roepke SK, Moore RC, K?nel RV, Patterson TL,Dimsdale JE, Mills PJ, Ziegler MG, Allison MA, Ancoli-Israel S, Grant I. Therelationship between self-efficacy and resting blood pressure in spousalAlzheimer's caregivers. Br J Health Psychol. 2010 May 20. [Epub ahead of print] PubMed PMID: 20492750.

Author(s): Tranah GJ, Parimi N, Blackwell T, Ancoli-Israel S, Ensrud KE, Cauley JA,Redline S, Lane N, Paudel ML, Hillier TA, Yaffe K, Cummings SR, Stone KL.Postmenopausal hormones and sleep quality in the elderly: a population basedstudy. BMC Womens Health. 2010 May 4;10:15. PubMed PMID: 20441593; PubMed Central PMCID: PMC2876067.

Roepke SK, Harmell AL, Allison M, Grant I. Regular Physical Activity Moderates Cardiometabolic Risk in Alzheimer's Caregivers. *Med Sci Sports Exerc.* 2010 May 13. [Epub ahead of print] PubMed PMID: 20473220.

Author(s): Tranah GJ, Blackwell T, Ancoli-Israel S, Paudel ML, Ensrud KE, Cauley JA, Redline S, Hillier TA, Cummings SR, Stone KL; Study of Osteoporotic Fractures Research Group. Circadian activity rhythms and mortality: the study of osteoporotic fractures. *J Am Geriatr Soc.* 2010 Feb;58(2):282-91. Epub 2010 Jan 26. PubMed PMID: 20374404; PubMed Central PMCID: PMC2938873.

Author(s): Blythe J, Doghramji PP, Jungquist CR, Landau MB, Valerio TD, Ancoli-Israel S, Auerbach SH. Screening & treating patients with sleep/wake disorders. *JAAPA.* 2009 Dec; Suppl Sleep:1-17; quiz 19. Review. PubMed PMID: 20397303.

Author(s): Bechtel, W (Bechtel, William); Behrmann, M (Behrmann, Marlene); Chater, N (Chater, Nick); Glushko, RJ (Glushko, Robert J.); Goldstone, RL (Goldstone, Robert L.); Smolensky, P (Smolensky, Paul) Title: The Rumelhart Prize at 10 Source: COGNITIVE SCIENCE, 34 (5): 713-715 JUL 2010 ISSN: 0364-0213 DOI: 10.1111/j.1551-6709.2010.01116.x

Author(s): Bechtel, W (Bechtel, William) Title: Generalization and Discovery by Assuming Conserved Mechanisms: Cross-Species Research on Circadian Oscillators Source: PHILOSOPHY OF SCIENCE, 76 (5): 762-773 DEC 2009 ISSN: 0031-8248

Author(s): Bechtel, W (Bechtel, William) Title: Looking down, around, and up: Mechanistic explanation in psychology Source: PHILOSOPHICAL PSYCHOLOGY, 22 (5): 543-564 2009 ISSN: 0951-5089 DOI: 10.1080/09515080903238948

Author(s): Bechtel, W (Bechtel, William) Title: Some Virtues of Modeling With Both Hands Source: ADAPTIVE BEHAVIOR, 17 (4): 293-295 AUG 2009 ISSN: 1059-7123 DOI: 10.1177/1059712309340843

Author(s): Bechtel, W. (2009). Molecules, Systems, and Behavior: Another View of Memory Consolidation. In Bickle, J. (Editor), *Oxford Handbook of Philosophy and Neuroscience* (pp. 13-40). Oxford: Oxford University Press.

Author(s): Bechtel, W. and Wright, C. (2009). What is psychological explanation? In P. Calvo and J. Symons (ed.) *Routledge companion to philosophy of psychology* (pp. 113-130). London: Routledge.

Author(s): Bechtel, W. and Abrahamsen, A. (2009). Decomposing, recomposing, and situating circadian mechanisms: Three tasks in developing mechanistic explanations. In H. Leitgeb and A. Hieke (Eds.), *Reduction and Elimination in Philosophy of Mind and Philosophy of Neuroscience* (pp. 173-186). Frankfurt: Ontos Verlag.

Author(s): Bechtel, W. (2009). Constructing a philosophy of science of cognitive science. *Topics in Cognitive Science*, 1, 548-569.

Author(s): Bechtel, W. and Herschbach, M. (2010). Philosophy of the cognitive sciences. In Fritz Allhoff (Ed.) *Philosophy of the sciences* (237-261). Oxford: Blackwell.

Author(s): Bechtel, W. and Abrahamsen, A. (2010). Dynamic mechanistic explanation: Computational modeling of circadian rhythms as an exemplar for cognitive science. *Studies in History and Philosophy of Science Part A*, 41, 3, 321-333.

Author(s): Bechtel, W. and Richardson, R. C. (2010). Neuroimaging as a tool for functionally decomposing cognitive processes. In S. J. Hanson and M. Bunzl, *Foundational issues in human brain mapping* (pp. 241-262). Cambridge, MA: MIT Press.

Author(s): Bechtel, W. (2010). How can philosophy be a true cognitive science discipline? *Topics in Cognitive Science*, 2, 357-366.

Author(s): Bechtel, W. (2010). The downs and ups of mechanistic research: Circadian rhythm research as an exemplar. *Erkenntnis*, 73, 313-328

Author(s): Bechtel, W. (2010). Representing time of day in circadian clocks. In Albert Newen, Andreas Bartels & Eva-Maria Jung (eds.) Knowledge and Representation. Palo Alto: CSLI Publications and Paderborn: Mentis Verlag.

Author(s): Bechtel, W. and Abrahamsen, A. (2010). Understanding the brain as an endogenously active mechanism. Proceedings of the 32nd Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.

Author(s): Bechtel W. The cell: locus or object of inquiry? Stud Hist Philos Biol Biomed Sci. 2010 Sep;41 (3):172-82. Epub 2010 Aug 16. PubMed PMID: 20934638.

Author(s): Bechtel, W. and Richardson, R. C. (2010). Discovering complexity: Decomposition and localization as strategies in scientific research. Second Edition with new introduction. Cambridge, MA: MIT Press.

Author(s): Gorman, MR (Gorman, Michael R.); Yellon, S (Yellon, Steven) Title: LIFESPAN DAILY LOCOMOTOR ACTIVITY RHYTHMS IN A MOUSE MODEL OF AMYLOID-INDUCED NEUROPATHOLOGY Source: CHRONOBIOLOGY INTERNATIONAL, 27 (6): 1159-1177 2010 ISSN: 0742-0528 DOI: 10.3109/07420528.2010.485711

Author(s): Butler, MP (Butler, Matthew P.); Turner, KW (Turner, Kevin W.); Park, JH (Park, Jin Ho); Schoomer, EE (Schoomer, Elanor E.); Zucker, I (Zucker, Irving); Gorman, MR (Gorman, Michael R.) Title: Seasonal regulation of reproduction: altered role of melatonin under naturalistic conditions in hamsters Source: PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES, 277 (1695): 2867-2874 SEP 22 2010 ISSN: 0962-8452 DOI: 10.1098/rspb.2010.0396

*Author(s): Frank, DW (Frank, David W.); Evans, JA (Evans, Jennifer A.); Gorman, MR (Gorman, Michael R.) Title: Time-Dependent Effects of Dim Light at Night on Re-Entrainment and Masking of Hamster Activity Rhythms Source: JOURNAL OF BIOLOGICAL RHYTHMS, 25 (2): 103-112 APR 2010 ISSN: 0748-7304 DOI: 10.1177/0748730409360890

*Author(s): Evans, JA (Evans, Jennifer A.); Elliott, JA (Elliott, Jeffrey A.); Gorman, MR (Gorman, Michael R.) Title: Dynamic Interactions Between Coupled Oscillators Within the Hamster Circadian Pacemaker Source: BEHAVIORAL NEUROSCIENCE, 124 (1): 87-96 FEB 2010 ISSN: 0735-7044 DOI: 10.1037/a0018088

Author(s): Cai, DJ (Cai, Denise J.); Shuman, T (Shuman, Tristan); Gorman, MR (Gorman, Michael R.); Sage, JR (Sage, Jennifer R.); Anagnostaras, SG (Anagnostaras, Stephan G.) Title: Sleep Selectively Enhances Hippocampus-Dependent Memory in Mice Source: BEHAVIORAL NEUROSCIENCE, 123 (4): 713-719 AUG 2009 ISSN: 0735-7044 DOI: 10.1037/a0016415

Author(s): Trujillo, JL (Trujillo, Jennifer L.); Roberts, AJ (Roberts, Amanda J.); Gorman, MR (Gorman, Michael R.) Title: Circadian Timing of Ethanol Exposure Exerts Enduring Effects on Subsequent Ad Libitum Consumption in C57 Mice Source: ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH, 33 (7): 1286-1293 JUL 2009 ISSN: 0145-6008 DOI: 10.1111/j.1530-0277.2009.00954.x

Author(s): Evans, JA (Evans, Jennifer A.); Elliott, JA (Elliott, Jeffrey A.); Gorman, MR (Gorman, Michael R.) Title: Dim nighttime illumination accelerates adjustment to timezone travel in an animal model Source: CURRENT BIOLOGY, 19 (4): R156-R157 FEB 24 2009 ISSN: 0960-9822

Authors: Trujillo JL, Do DT, Grahame NJ, Roberts AJ, Gorman MR. Ethanol consumption in Title: mice: relationships with circadian period and entrainment. Alcohol. 2010 Sep 28. [Epub ahead of print] PubMed PMID: 20880659.

Author(s): Yan, L (Yan, Lily); Silver, R (Silver, Rae); Gorman, M (Gorman, Michael) Title: Reorganization of Suprachiasmatic Nucleus Networks under 24-h LDLD Conditions Source: JOURNAL OF BIOLOGICAL RHYTHMS, 25 (1): 19-27 FEB 2010 ISSN: 0748-7304 DOI: 10.1177/0748730409352054

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Drummond, SPA (Drummond, Sean P. A.) Title: Obstructive Sleep Apnea and Age A Double Insult to Brain Function? Source:

AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE, 182 (3): 413-419 AUG 1 2010 ISSN: 1073-449X DOI: 10.1164/rccm.200912-1805OC

Author(s): Nappi, CM (Nappi, Carla M.); Nappi, CM (Nappi, Carla M.); Drummond, SPA (Drummond, Sean P. A.); Thorp, SR (Thorp, Steven R.); McQuaid, JR (McQuaid, John R.) Title: Effectiveness of Imagery Rehearsal Therapy for the Treatment of Combat-Related Nightmares in Veterans Source: BEHAVIOR THERAPY, 41 (2): 237-244 JUN 2010 ISSN: 0005-7894

Author(s): Cohen-Zion, M (Cohen-Zion, Mairav); Drummond, SPA (Drummond, Sean P. A.); Padula, CB (Padula, Claudia B.); Winward, J (Winward, Jennifer); Kanady, J (Kanady, Jennifer); Medina, KL (Medina, Krista L.); Tapert, SF (Tapert, Susan F.) Title: Sleep architecture in adolescent marijuana and alcohol users during acute and extended abstinence Source: ADDICTIVE BEHAVIORS, 34 (11): 976-979 NOV 2009 ISSN: 0306-4603 DOI: 10.1016/j.addbeh.2009.05.011

Author(s): Orff, HJ (Orff, Henry J.); Ayalon, L (Ayalon, Liat); Drummond, SPA (Drummond, Sean P. A.) Title: Traumatic Brain Injury and Sleep Disturbance: A Review of Current Research Source: JOURNAL OF HEAD TRAUMA REHABILITATION, 24 (3): 155-165 MAY-JUN 2009 ISSN: 0885-9701

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Aka, AA (Aka, Allison A.); McKenna, BS (McKenna, Benjamin S.); Drummond, SPA (Drummond, Sean P. A.) Title: Relationship Between Obstructive Sleep Apnea Severity and Brain Activation During a Sustained Attention Task Source: SLEEP, 32 (3): 373-381 MAR 1 2009 ISSN: 0161-8105

Author(s): Kanady JC, Drummond SP, Mednick SC. Actigraphic assessment of a polysomnographic-recorded nap: a validation study. J Sleep Res. 2010 Jul 2. [Epub ahead of print] PubMed PMID: 20626612.

Author(s): Nappi CM, Drummond SP, Thorp SR, McQuaid JR. Effectiveness of imagery rehearsal therapy for the treatment of combat-related nightmares in veterans. Behav Ther. 2010 Jun;41(2):237-44. Epub 2009 Dec 16. PubMed PMID: 20412888.

Author(s): Ayalon L, Ancoli-Israel S, Drummond SP. Altered brain activation during response inhibition in obstructive sleep apnea. J Sleep Res. 2009 Jun;18(2):204-8. Epub 2009 Mar 12. PubMed PMID: 19302344; PubMed Central PMCID: PMC2770011.

Author(s): Ayalon L, Ancoli-Israel S, Aka AA, McKenna BS, Drummond SP. Relationship between obstructive sleep apnea severity and brain activation during a sustained attention task. Sleep. 2009 Mar 1;32 (3):373-81. PubMed PMID: 19294957; PubMed Central PMCID: PMC2647791.

*Author(s): Wood, TL (Wood, Thammajun L.); Bridwell-Rabb, J (Bridwell-Rabb, Jennifer); Kim, YI (Kim, Yong-Ick); Gao, TY (Gao, Tiyu); Chang, YG (Chang, Yong-Gang); LiWang, A (LiWang, Andy); Barondeau, DP (Barondeau, David P.); Golden, SS (Golden, Susan S.) Title: The KaiA protein of the cyanobacterial circadian oscillator is modulated by a redox-active cofactor Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 107 (13): 5804-5809 MAR 30 2010 ISSN: 0027-8424 DOI: 10.1073/pnas.0910141107

*Author(s): Yang, Q (Yang, Qiong); Pando, BF (Pando, Bernardo F.); Dong, GG (Dong, Guogang); Golden, SS (Golden, Susan S.); van Oudenaarden, A (van Oudenaarden, Alexander) Title: Circadian Gating of the Cell Cycle Revealed in Single Cyanobacterial Cells Source: SCIENCE, 327 (5972): 1522-1526 MAR 19 2010 ISSN: 0036-8075 DOI: 10.1126/science.1181759

*Author(s): Dong, GG (Dong, Guogang); Yang, Q (Yang, Qiong); Wang, Q (Wang, Qiang); Kim, YI (Kim, Yong-Ick); Wood, TL (Wood, Thammajun L.); Osteryoung, KW (Osteryoung, Katherine W.); van Oudenaarden, A (van Oudenaarden, Alexander); Golden, SS (Golden, Susan S.) Title: Elevated ATPase Activity of KaiC Applies a Circadian Checkpoint on Cell Division in Synechococcus elongates Source: CELL, 140 (4): 529-539 FEB 19 2010 ISSN: 0092-8674 DOI: 10.1016/j.cell.2009.12.042

*Author(s): Chen, Y (Chen, You); Kim, YI (Kim, Yong-Ick); Mackey, SR (Mackey, Shannon R.); Holtman, CK (Holtman, C. Kay); LiWang, A (LiWang, Andy); Golden, SS (Golden, Susan S.) Title: A Novel Allele of kaiA Shortens the Circadian Period and Strengthens Interaction of Oscillator Components in the Cyanobacterium Synechococcus elongatus PCC 7942 Source: JOURNAL OF BACTERIOLOGY, 191 (13): 4392-4400 JUL 1 2009 ISSN: 0021-9193 DOI: 10.1128/JB.00334-09

Susan S.) Title: Stability and lability of circadian period of gene expression in the cyanobacterium *Synechococcus elongates* Source: MICROBIOLOGY-SGM, 155: 635-641 Part 2 FEB 2009 ISSN: 1350-0872 DOI: 10.1099/mic.0.022343-0

*Author(s): Dong G, Kim YI, Golden SS. Simplicity and complexity in the cyanobacterial circadian clock mechanism. *Curr Opin Genet Dev.* 2010 Oct 8. [Epub ahead of print] PubMed PMID: 20934870.

Author(s): Castro-Longoria, E (Castro-Longoria, Ernestina); Ferry, M (Ferry, Michael); Bartnicki-Garcia, S (Bartnicki-Garcia, Salomon); Hasty, J (Hasty, Jeff); Brody, S (Brody, Stuart) Title: Circadian rhythms in *Neurospora crassa*: Dynamics of the clock component frequency visualized using a fluorescent reporter Source: FUNGAL GENETICS AND BIOLOGY, 47 (4): 332-341 APR 2010 ISSN: 1087-1845 DOI: 10.1016/j.fgb.2009.12.013

Author(s): Brody, S (Brody, Stuart); Oelhafen, K (Oelhafen, Kim); Schneider, K (Schneider, Kevin); Perrino, S (Perrino, Sabrina); Goetz, A (Goetz, Alexandra); Wang, C (Wang, Charlene); English, C (English, Carter) Title: Circadian rhythms in *Neurospora crassa*: Downstream effectors Source: FUNGAL GENETICS AND BIOLOGY, 47 (2): 159-168 FEB 2010 ISSN: 1087-1845 DOI: 10.1016/j.fgb.2009.09.006

*Author(s): Schneider, K (Schneider, Kevin); Perrino, S (Perrino, Sabrina); Oelhafen, K (Oelhafen, Kim); Li, S (Li, Sanshu); Zatzepin, A (Zatzepin, Artiom); Lakin-Thomas, P (Lakin-Thomas, Patricia); Brody, S (Brody, Stuart) Title: Rhythmic Conidiation in Constant Light in Vivid Mutants of *Neurospora crassa* Source: GENETICS, 181 (3): 917-931 MAR 2009 ISSN: 0016-6731 DOI: 10.1534/genetics.108.097808

Author(s): Isono, E (Isono, Erika); Katsiarimpa, A (Katsiarimpa, Anthi); Muller, IK (Mueller, Isabel Karin); Anzenberger, F (Anzenberger, Franziska); Stierhof, YD (Stierhof, York-Dieter); Geldner, N (Geldner, Niko); Chory, J (Chory, Joanne); Schwechheimer, C (Schwechheimer, Claus) Title: The Deubiquitinating Enzyme AMSH3 Is Required for Intracellular Trafficking and Vacuole Biogenesis in *Arabidopsis thaliana* Source: PLANT CELL, 22 (6): 1826-1837 JUN 2010 ISSN: 1040-4651 DOI: 10.1105/tpc.110.075952

Author(s): Chen, M (Chen, Meng); Galvao, RM (Galvao, Rafaelo M.); Li, MN (Li, Meina); Burger, B (Burger, Brian); Bugea, J (Bugea, Jane); Bolado, J (Bolado, Jack); Chory, J (Chory, Joanne) Title: *Arabidopsis* HEMERA/pTAC12 Initiates Photomorphogenesis by Phytochromes Source: CELL, 141 (7): 1230-U237 JUN 25 2010 ISSN: 0092-8674 DOI: 10.1016/j.cell.2010.05.007

Author(s): Jaillais, Y (Jaillais, Yvon); Chory, J (Chory, Joanne) Title: Unraveling the paradoxes of plant hormone signaling integration Source: NATURE STRUCTURAL & MOLECULAR BIOLOGY, 17 (6): 642-645 JUN 2010 ISSN: 1545-9985

Author(s): Atwell, S (Atwell, Susanna); Huang, YS (Huang, Yu S.); Vilhjalmsen, BJ (Vilhjalmsen, Bjarni J.); Willems, G (Willems, Glenda); Horton, M (Horton, Matthew); Li, Y (Li, Yan); Meng, DZ (Meng, Dazhe); Platt, A (Platt, Alexander); Tarone, AM (Tarone, Aaron M.); Hu, TT (Hu, Tina T.); Jiang, R (Jiang, Rong); Muliyati, NW (Muliyati, N. Wayan); Zhang, X (Zhang, Xu); Amer, MA (Amer, Muhammad Ali); Baxter, I (Baxter, Ivan); Brachi, B (Brachi, Benjamin); Chory, J (Chory, Joanne); et.al. Title: Genome-wide association study of 107 phenotypes in *Arabidopsis thaliana* inbred lines Source: NATURE, 465 (7298): 627-631 JUN 3 2010 ISSN: 0028-0836 DOI: 10.1038/nature08800

Author(s): Todesco, M (Todesco, Marco); Balasubramanian, S (Balasubramanian, Sureshkumar); Hu, TT (Hu, Tina T.); Traw, MB (Traw, M. Brian); Horton, M (Horton, Matthew); Epple, P (Epple, Petra); Kuhns, C (Kuhns, Christine); Sureshkumar, S (Sureshkumar, Sridevi); Schwartz, C (Schwartz, Christopher); Lanz, C (Lanz, Christa); Laitinen, RAE (Laitinen, Roosa A. E.); Huang, Y (Huang, Yu); Chory, J (Chory, Joanne); Lipka, V (Lipka, Volker); Borevitz, JO (Borevitz, Justin O.); Dangel, JL (Dangel, Jeffery L.); Bergelson, J (Bergelson, Joy); Nordborg, M (Nordborg, Magnus); Weigel, D (Weigel, Detlef) Title: Natural allelic variation underlying a major fitness trade-off in *Arabidopsis thaliana* Source: NATURE, 465 (7298): 632-U129 JUN 3 2010 ISSN: 0028-0836 DOI: 10.1038/nature09083

Author(s): Chory, J (Chory, Joanne) Title: Light signal transduction: an infinite spectrum of possibilities Source: PLANT JOURNAL, 61 (6): 982-991 MAR 2010 ISSN: 0960-7412 DOI: 10.1111/j.1365-313X.2009.04105.x

Author(s): Jung, HS (Jung, Hou-Sung); Chory, J (Chory, Joanne) Title: Signaling between Chloroplasts and the Nucleus: Can a Systems Biology Approach Bring Clarity to a Complex and Highly Regulated Pathway?

Source: PLANT PHYSIOLOGY, 152 (2): 453-459 FEB 2010ISSN: 0032-0889DOI: 10.1104/pp.109.149070

Author(s): Skylar, A (Skylar, Anna); Hong, FX (Hong, Fangxin); Chory, J (Chory, Joanne); Weigel, D (Weigel, Detlef); Wu, XL (Wu, Xuelin)Title: STIMPY mediates cytokinin signaling during shoot meristem establishment in Arabidopsis seedlingsSource: DEVELOPMENT, 137 (4): 541-549 FEB 15 2010ISSN: 0950-1991DOI: 10.1242/dev.041426

Author(s): Nishimura, N (Nishimura, Noriyuki); Sarkeshik, A (Sarkeshik, Ali); Nito, K (Nito, Kazumasa); Park, SY (Park, Sang-Youl); Wang, A (Wang, Angela); Carvalho, PC (Carvalho, Paulo C.); Lee, S (Lee, Stephen); Caddell, DF (Caddell, Daniel F.); Cutler, SR (Cutler, Sean R.); Chory, J (Chory, Joanne); Yates, JR (Yates, John R.); Schroeder, JI (Schroeder, Julian I.)Title: PYR/PYL/RCAR family members are major in-vivo ABI1 protein phosphatase 2C-interacting proteins in ArabidopsisSource: PLANT JOURNAL, 61 (2): 290-299 JAN 2010ISSN: 0960-7412DOI: 10.1111/j.1365-313X.2009.04054.x

Author(s): Balasubramanian, S (Balasubramanian, Sureshkumar); Schwartz, C (Schwartz, Christopher); Singh, A (Singh, Anandita); Warthmann, N (Warthmann, Norman); Kim, MC (Kim, Min Chul); Maloof, JN (Maloof, Julin N.); Loudet, O (Loudet, Olivier); Trainer, GT (Trainer, Gabriel T.); Dabi, T (Dabi, Tsegaye); Borevitz, JO (Borevitz, Justin O.); Chory, J (Chory, Joanne); Weigel, D (Weigel, Detlef)Title: QTL Mapping in New Arabidopsis thaliana Advanced Intercross-Recombinant Inbred LinesSource: PLOS ONE, 4 (2): Art. No. e4318 FEB 2 2009ISSN: 1932-6203Article Number: e4318DOI: 10.1371/journal.pone.0004318

Author(s): Ausin, I (Ausin, Israel); Mockler, TC (Mockler, Todd C.); Chory, J (Chory, Joanne); Jacobsen, SE (Jacobsen, Steven E.)Title: IDN1 and IDN2 are required for de novo DNA methylation in Arabidopsis thalianaSource: NATURE STRUCTURAL & MOLECULAR BIOLOGY, 16 (12): 1325-1327 DEC 2009ISSN: 1545-9985DOI: 10.1038/nsmb.1690

Author(s): Schwartz, C (Schwartz, Christopher); Balasubramanian, S (Balasubramanian, Sureshkumar); Warthmann, N (Warthmann, Norman); Michael, TP (Michael, Todd P.); Lempe, J (Lempe, Janne); Sureshkumar, S (Sureshkumar, Sridevi); Kobayashi, Y (Kobayashi, Yasushi); Maloof, JN (Maloof, Julin N.); Borevitz, JO (Borevitz, Justin O.); Chory, J (Chory, Joanne); Weigel, D (Weigel, Detlef)Title: Cis-regulatory Changes at FLOWERING LOCUS T Mediate Natural Variation in Flowering Responses of Arabidopsis thalianaSource: GENETICS, 183 (2): 723-732 OCT 2009ISSN: 0016-6731DOI: 10.1534/genetics.109.104984

Author(s): Pinheiro, H (Pinheiro, Hazel); Samalova, M (Samalova, Marketa); Geldner, N (Geldner, Niko); Chory, J (Chory, Joanne); Martinez, A (Martinez, Alberto); Moore, I (Moore, Ian)Title: Genetic evidence that the higher plant Rab-D1 and Rab-D2 GTPases exhibit distinct but overlapping interactions in the early secretory pathwaySource: JOURNAL OF CELL SCIENCE, 122 (20): 3749-3758 OCT 15 2009ISSN: 0021-9533DOI: 10.1242/jcs.050625

Author(s): Vert, G (Vert, Gregory); Chory, J (Chory, Joanne)Title: A Toggle Switch in Plant Nitrate UptakeSource: CELL, 138 (6): 1064-1066 SEP 18 2009ISSN: 0092-8674DOI: 10.1016/j.cell.2009.09.005

Author(s): Adhikari, ND (Adhikari, Neil D.); Orlor, R (Orler, Robert); Chory, J (Chory, Joanne); Froehlich, JE (Froehlich, John E.); Larkin, RM (Larkin, Robert M.)Title: Porphyrins Promote the Association of GENOMES UNCOUPLED 4 and a Mg-chelatase Subunit with Chloroplast MembranesSource: JOURNAL OF BIOLOGICAL CHEMISTRY, 284 (37): 24783-24796 SEP 11 2009ISSN: 0021-9258DOI: 10.1074/jbc.M109.025205

Author(s): Ibanes, M (Ibanes, Marta); Fabregas, N (Fabregas, Norma); Chory, J (Chory, Joanne); Cano-Delgado, AI (Cano-Delgado, Ana I.)Title: Brassinosteroid signaling and auxin transport are required to establish the periodic pattern of Arabidopsis shoot vascular bundlesSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (32): 13630-13635 AUG 11 2009ISSN: 0027-8424DOI: 10.1073/pnas.0906416106

Author(s): Sellaro, R (Sellaro, Romina); Hoecker, U (Hoecker, Ute); Yanovsky, M (Yanovsky, Marcelo); Chory, J (Chory, Joanne); Casal, JJ (Casal, Jorge J.)Title: Synergism of Red and Blue Light in the Control of Arabidopsis Gene Expression and DevelopmentSource: CURRENT BIOLOGY, 19 (14): 1216-1220 Sp. Iss. SI JUL 28 2009ISSN: 0960-9822DOI: 10.1016/j.cub.2009.05.062

Author(s): Geldner, N (Geldner, Niko); Denervaud-Tendon, V (Denervaud-Tendon, Valerie); Hyman, DL (Hyman, Derek L.); Mayer, U (Mayer, Ulrike); Stierhof, YD (Stierhof, York-Dieter); Chory, J (Chory,

Joanne)Title: Rapid, combinatorial analysis of membrane compartments in intact plants with a multicolor marker setSource: PLANT JOURNAL, 59 (1): 169-178 JUL 2009ISSN: 0960-7412DOI: 10.1111/j.1365-313X.2009.03851.x

Author(s): De Rybel, B (De Rybel, Bert); Audenaert, D (Audenaert, Dominique); Vert, G (Vert, Gregory); Rozhon, W (Rozhon, Wilfried); Mayerhofer, J (Mayerhofer, Julianne); Peelman, F (Peelman, Frank); Coutuer, S (Coutuer, Silvie); Denayer, T (Denayer, Tinneke); Jansen, L (Jansen, Leentje); Nguyen, L (Nguyen, Long); Vanhoufte, I (Vanhoufte, Isabelle); Beemster, GTS (Beemster, Gerrit T. S.); Vleminckx, K (Vleminckx, Kris); Jonak, C (Jonak, Claudia); Chory, J (Chory, Joanne); Inze, D (Inze, Dirk); Russinova, E (Russinova, Eugenia); Beeckman, T (Beeckman, Tom)Title: Chemical Inhibition of a Subset of Arabidopsis thaliana GSK3-like Kinases Activates Brassinosteroid SignalingSource: CHEMISTRY & BIOLOGY, 16 (6): 594-604 JUN 26 2009ISSN: 1074-5521DOI: 10.1016/j.chembiol.2009.04.008

Author(s): Pan, YH (Pan, Yinghong); Michael, TP (Michael, Todd P.); Hudson, ME (Hudson, Matthew E.); Kay, SA (Kay, Steve A.); Chory, J (Chory, Joanne); Schuler, MA (Schuler, Mary A.)Title: Cytochrome P450 Monooxygenases as Reporters for Circadian-Regulated PathwaysSource: PLANT PHYSIOLOGY, 150 (2): 858-878 JUN 2009ISSN: 0032-0889DOI: 10.1104/pp.108.130757

Author(s): Liljegren, SJ (Liljegren, Sarah J.); Leslie, ME (Leslie, Michelle E.); Darnielle, L (Darnielle, Lalitree); Lewis, MW (Lewis, Michael W.); Taylor, SM (Taylor, Sarah M.); Luo, RB (Luo, Ruibai); Geldner, N (Geldner, Niko); Chory, J (Chory, Joanne); Randazzo, PA (Randazzo, Paul A.); Yanofsky, MF (Yanofsky, Martin F.); Ecker, JR (Ecker, Joseph R.)Title: Regulation of membrane trafficking and organ separation by the NEVERSHED ARF-GAP proteinSource: DEVELOPMENT, 136 (11): 1909-1918 JUN 1 2009ISSN: 0950-1991DOI: 10.1242/dev.033605

Author(s): Li, L (Li, Lei); Yu, XF (Yu, Xiaofei); Thompson, A (Thompson, Addie); Guo, M (Guo, Michelle); Yoshida, S (Yoshida, Shigeo); Asami, T (Asami, Tadao); Chory, J (Chory, Joanne); Yin, Y (Yin, Yanhai)Title: Arabidopsis MYB30 is a direct target of BES1 and cooperates with BES1 to regulate brassinosteroid-induced gene expressionSource: PLANT JOURNAL, 58 (2): 275-286 APR 2009ISSN: 0960-7412DOI: 10.1111/j.1365-313X.2008.03778.x

Author(s): Moreno, JE (Moreno, Javier E.); Tao, Y (Tao, Yi); Chory, J (Chory, Joanne); Ballare, CL (Ballare, Carlos L.)Title: Ecological modulation of plant defense via phytochrome control of jasmonate sensitivitySource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (12): 4935-4940 MAR 24 2009ISSN: 0027-8424DOI: 10.1073/pnas.0900701106

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Drummond, SPA (Drummond, Sean P. A.)Title: Obstructive Sleep Apnea and Age A Double Insult to Brain Function?Source: AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE, 182 (3): 413-419 AUG 1 2010ISSN: 1073-449XDOI: 10.1164/rccm.200912-1805OC

Author(s): Nappi, CM (Nappi, Carla M.); Nappi, CM (Nappi, Carla M.); Drummond, SPA (Drummond, Sean P. A.); Thorp, SR (Thorp, Steven R.); McQuaid, JR (McQuaid, John R.)Title: Effectiveness of Imagery Rehearsal Therapy for the Treatment of Combat-Related Nightmares in VeteransSource: BEHAVIOR THERAPY, 41 (2): 237-244 JUN 2010ISSN: 0005-7894

Author(s): Cohen-Zion, M (Cohen-Zion, Mairav); Drummond, SPA (Drummond, Sean P. A.); Padula, CB (Padula, Claudia B.); Winward, J (Winward, Jennifer); Kanady, J (Kanady, Jennifer); Medina, KL (Medina, Krista L.); Tapert, SF (Tapert, Susan F.)Title: Sleep architecture in adolescent marijuana and alcohol users during acute and extended abstinenceSource: ADDICTIVE BEHAVIORS, 34 (11): 976-979 NOV 2009ISSN: 0306-4603DOI: 10.1016/j.addbeh.2009.05.011

Author(s): Orff, HJ (Orff, Henry J.); Ayalon, L (Ayalon, Liat); Drummond, SPA (Drummond, Sean P. A.)Title: Traumatic Brain Injury and Sleep Disturbance: A Review of Current ResearchSource: JOURNAL OF HEAD TRAUMA REHABILITATION, 24 (3): 155-165 MAY-JUN 2009ISSN: 0885-9701

Author(s): Ayalon, L (Ayalon, Liat); Ancoli-Israel, S (Ancoli-Israel, Sonia); Aka, AA (Aka, Allison A.); McKenna, BS (McKenna, Benjamin S.); Drummond, SPA (Drummond, Sean P. A.)Title: Relationship Between Obstructive Sleep Apnea Severity and Brain Activation During a Sustained Attention TaskSource: SLEEP, 32 (3): 373-381 MAR 1 2009ISSN: 0161-8105

Author(s): Kanady, JC; Drummond, SP; Mednick, SC; Actigraphic assessment of a polysomnographic recorded

nap: a validation study. *J Sleep Res.* 2010 Jul 2. [Epub ahead of print] PubMed PMID: 20626612.

Author(s): Nappi CM, Drummond SP, Thorp SR, McQuaid JR. Effectiveness of imagery rehearsal therapy for the treatment of combat-related nightmares in veterans. *Behav Ther.* 2010 Jun;41(2):237-44. Epub 2009 Dec 16. PubMed PMID: 20412888.

Author(s): Ayalon L, Ancoli-Israel S, Drummond SP. Altered brain activation during response inhibition in obstructive sleep apnea. *J Sleep Res.* 2009 Jun;18(2):204-8. Epub 2009 Mar 12. PubMed PMID: 19302344; PubMed Central PMCID: PMC2770011.

Author(s): Ayalon L, Ancoli-Israel S, Aka AA, McKenna BS, Drummond SP. Relationship between obstructive sleep apnea severity and brain activation during a sustained attention task. *Sleep.* 2009 Mar 1;32(3):373-81. PubMed PMID: 19294957; PubMed Central PMCID: PMC2647791.

Author(s): Lawler-Row KA, Elliott J. The role of religious activity and spirituality in the health and well-being of older adults. *J Health Psychol.* 2009 Jan;14(1):43-52. PubMed PMID: 19129336.

Author(s): Evans, RM (Evans, Rhiannon M.); Behiry, EM (Behiry, Enas M.); Tey, LH (Tey, Lai-Hock); Guo, JN (Guo, Jiannan); Loveridge, EJ (Loveridge, E. Joel); Allemann, RK (Allemann, Rudolf K.)Title: Catalysis by Dihydrofolate Reductase from the Psychrophile *Moritella profunda*Source: CHEMBIOCHEM, 11 (14): 2010-2017 SEP 24 2010ISSN: 1439-4227DOI: 10.1002/cbic.201000341

Author(s): Evans, RM (Evans, Richard M.); Rahte, S (Rahte, Sinikka); Kortenkamp, A (Kortenkamp, Andreas)Title: Inability to confirm estrogenicity of the heterocyclic amine PhIP in two in vitro assaysSource: TOXICOLOGY IN VITRO, 24 (6): 1757-1763 SEP 2010ISSN: 0887-2333DOI: 10.1016/j.tiv.2009.12.017

Author(s): Wei, W (Wei, Wei); Wang, XQ (Wang, Xueqian); Yang, M (Yang, Marie); Smith, LC (Smith, Leslie C.); Dechow, PC (Dechow, Paul C.); Sonoda, J (Sonoda, Junichiro); Evans, RM (Evans, Ronald M.); Wan, YH (Wan, Yihong)Title: PGC1 beta Mediates PPAR gamma Activation of Osteoclastogenesis and Rosiglitazone-Induced Bone Loss (vol 11, pg 503, 2010)Source: CELL METABOLISM, 12 (2): 202-202 AUG 4 2010ISSN: 1550-4131DOI: 10.1016/j.cmet.2010.07.007

Author(s): Lamia, KA (Lamia, Katja A.); Evans, RM (Evans, Ronald M.)Title: METABOLISM Tick, tock, a beta-cell clockSource: NATURE, 466 (7306): 571-572 JUL 29 2010ISSN: 0028-0836DOI: 10.1038/466571a

Author(s): Sternsdorf, T (Sternsdorf, T.); Ocampo-Bayuga, C (Ocampo-Bayuga, C.); Haschke, A (Haschke, A.); Dierk, K (Dierk, K.); Prall, S (Prall, S.); Horstmann, M (Horstmann, M.); Evans, RM (Evans, R. M.)Title: Positive evidence for a role of the PML pathway in leukemogenesis of acute promyelocytic leukemiaSource: KLINISCHE PADIATRIE, 222 (3): 217-217 11 MAY-JUN 2010ISSN: 0300-8630

Author(s): Wan, YH (Wan, Yihong); Evans, RM (Evans, Ronald M.)Title: Rosiglitazone activation of PPAR gamma suppresses fractalkine signalingSource: JOURNAL OF MOLECULAR ENDOCRINOLOGY, 44 (2): 135-142 FEB 2010ISSN: 0952-5041DOI: 10.1677/JME-09-0090

Author(s): Helfand, BT (Helfand, Brian T.); Evans, RM (Evans, R. Mark); McVary, KT (McVary, Kevin T.)Title: A Comparison of the Frequencies of Medical Therapies for Overactive Bladder in Men and Women: Analysis of More Than 7.2 Million Aging PatientsSource: EUROPEAN UROLOGY, 57 (4): 586-591 APR 2010ISSN: 0302-2838DOI: 10.1016/j.eururo.2009.12.025

Author(s): Sugii, S (Sugii, Shigeki); Kida, Y (Kida, Yasuyuki); Kawamura, T (Kawamura, Teruhisa); Suzuki, J (Suzuki, Jotaro); Vassena, R (Vassena, Rita); Yin, YQ (Yin, Yun-Qiang); Lutz, MK (Lutz, Margaret K.); Berggren, T (Berggren, Travis); Belmonte, JCI (Izpisua Belmonte, Juan Carlos); Evans, RM (Evans, Ronald M.)Title: Human and mouse adipose-derived cells support feeder-independent induction of pluripotent stem cellsSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 107 (8): 3558-3563 FEB 23 2010ISSN: 0027-8424DOI: 10.1073/pnas.0910172106

Author(s): Evans, RM (Evans, Richard M.); Harridge, SDR (Harridge, Stephen D. R.); Velloso, CP (Velloso, Cristiana P.); Yang, SY (Yang, Shi Yu); Goldspink, G (Goldspink, Geoffrey); Orrell, RW (Orrell, Richard W.)Title: Investigation of MGF mRNA expression in patients with amyotrophic lateral sclerosis using parallel in vivo and in vitro approachesSource: AMYOTROPHIC LATERAL SCLEROSIS, 11 (1-2): 172-177 2010ISSN: 1748-2968DOI: 10.3109/17482960903089775

Author(s): Alaynick, WA (Alaynick, William A.); Way, JM (Way, James M.); Wilson, SA (Wilson, Stephanie A.); Benson, WG (Benson, William G.); Pei, LM (Pei, Liming); Downes, M (Downes, Michael); Yu, R (Yu, Ruth); Jonker, JW (Jonker, Johan W.); Holt, JA (Holt, Jason A.); Rajpal, DK (Rajpal, Deepak K.); Li, H (Li, Hao); Stuart, J (Stuart, Joan); McPherson, R (McPherson, Ruth); Remlinger, KS (Remlinger, Katja S.); Chang, CY (Chang, Ching-Yi); McDonnell, DP (McDonnell, Donald P.); Evans, RM (Evans, Ronald M.); Billin, AN (Billin, Andrew N.)Title: ERR gamma Regulates Cardiac, Gastric, and Renal Potassium HomeostasisSource: MOLECULAR ENDOCRINOLOGY, 24 (2): 299-309 FEB 2010ISSN: 0888-8809DOI: 10.1210/me.2009-0114

Author(s): Jiang, YJ (Jiang, Yan J.); Barish, G (Barish, Grant); Lu, B (Lu, Biao); Evans, RM (Evans, Ronald M.); Crumrine, D (Crumrine, Debra); Schmuth, M (Schmuth, Matthias); Elias, PM (Elias, Peter M.); Feingold, KR (Feingold, Kenneth R.)Title: PPAR delta Activation Promotes Stratum Corneum Formation and Epidermal Permeability Barrier Development during Late GestationSource: JOURNAL OF INVESTIGATIVE DERMATOLOGY, 130 (2): 511-519 FEB 2010ISSN: 0022-202XDOI: 10.1038/jid.2009.245

Author(s): Evans, RM (Evans, Rhian M.); You, H (You, Haitao); Hameed, S (Hameed, Shahid); Altier, C (Altier, Christophe); Mezghrani, A (Mezghrani, Alexandre); Bourinet, E (Bourinet, Emmanuel); Zamponi, GW (Zamponi, Gerald W.)Title: Heterodimerization of ORL1 and Opioid Receptors and Its Consequences for N-type Calcium Channel RegulationSource: JOURNAL OF BIOLOGICAL CHEMISTRY, 285 (2): 1032-1040 JAN 8 2010ISSN: 0021-9258DOI: 10.1074/jbc.M109.040634

Author(s): Sugii, S (Sugii, Shigeki); Olson, P (Olson, Peter); Sears, DD (Sears, Dorothy D.); Saberi, M (Saberi, Mazyar); Atkins, AR (Atkins, Annette R.); Barish, GD (Barish, Grant D.); Hong, SH (Hong, Suk-Hyun); Castro, GL (Castro, Glenda L.); Yin, YQ (Yin, Yun-Qiang); Nelson, MC (Nelson, Michael C.); Hsiao, G (Hsiao, Gene); Greaves, DR (Greaves, David R.); Downes, M (Downes, Michael); Yu, RT (Yu, Ruth T.); Olefsky, JM (Olefsky, Jerrold M.); Evans, RM (Evans, Ronald M.)Title: PPAR gamma activation in adipocytes is sufficient for systemic insulin sensitizationSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (52): 22504-22509 DEC 29 2009ISSN: 0027-8424DOI: 10.1073/pnas.0912487106

Author(s): Qu, QH (Qu, Qihao); Sun, GQ (Sun, Guoqiang); Li, WW (Li, Wenwu); Yang, S (Yang, Su); Ye, P (Ye, Peng); Zhao, CNA (Zhao, Chunnian); Yu, RT (Yu, Ruth T.); Gage, FH (Gage, Fred H.); Evans, RM (Evans, Ronald M.); Shi, YH (Shi, Yanhong)Title: Orphan nuclear receptor TLX activates Wnt/beta-catenin signalling to stimulate neural stem cell proliferation and self-renewalSource: NATURE CELL BIOLOGY, 12 (1): 31-U80 JAN 2010ISSN: 1465-7392 DOI: 10.1038/ncb2001

Author(s): Lamia, KA (Lamia, Katja A.); Sachdeva, UM (Sachdeva, Uma M.); DiTacchio, L (DiTacchio, Luciano); Williams, EC (Williams, Elliot C.); Alvarez, JG (Alvarez, Jacqueline G.); Egan, DF (Egan, Daniel F.); Vasquez, DS (Vasquez, Debbie S.); Juguilon, H (Juguilon, Henry); Panda, S (Panda, Satchidananda); Shaw, RJ (Shaw, Reuben J.); Thompson, CB (Thompson, Craig B.); Evans, RM (Evans, Ronald M.)Title: AMPK Regulates the Circadian Clock by Cryptochrome Phosphorylation and DegradationSource: SCIENCE, 326 (5951): 437-440 OCT 16 2009ISSN: 0036-8075DOI: 10.1126/science.1172156

Author(s): Hay, S (Hay, Sam); Evans, RM (Evans, Rhiannon M.); Levy, C (Levy, Colin); Loveridge, EJ (Loveridge, E. Joel); Wang, X (Wang, Xi); Leys, D (Leys, David); Allemann, RK (Allemann, Rudolf K.); Scrutton, NS (Scrutton, Nigel S.)Title: Are the Catalytic Properties of Enzymes from Piezophilic Organisms Pressure Adapted?Source: CHEMBIOCHEM, 10 (14): 2348-2353 SEP 21 2009ISSN: 1439-4227DOI: 10.1002/cbic.200900367

Author(s): Evans, RM (Evans, R. M.); Opher, M (Opher, M.); Jatenco-Pereira, V (Jatenco-Pereira, V.); Gombosi, TI (Gombosi, T. I.)Title: SURFACE ALFVEN WAVE DAMPING IN A THREE-DIMENSIONAL SIMULATION OF THE SOLAR WINDSource: ASTROPHYSICAL JOURNAL, 703 (1): 179-186 SEP 2009ISSN: 0004-637XDOI: 10.1088/0004-637X/703/1/179

Author(s): Pei, LM (Pei, Liming); Evans, RM (Evans, Ronald M.)Title: Retrofitting Fat MetabolismSource: CELL METABOLISM, 9 (6): 483-484 JUN 3 2009ISSN: 1550-4131DOI: 10.1016/j.cmet.2009.05.006

Author(s): McKenna, NJ (McKenna, Neil J.); Cooney, AJ (Cooney, Austin J.); DeMayo, FJ (DeMayo, Francesco J.); Downes, M (Downes, Michael); Glass, CK (Glass, Christopher K.); Lanz, RB (Lanz, Rainer B.); Lazar, MA (Lazar, Mitchell A.); Mangelsdorf, DJ (Mangelsdorf, David J.); Moore, DD (Moore, David

D.); Qin, J (Qin, Jun); Steffen, DL (Steffen, David L.); Tsai, MJ (Tsai, Ming-Jer); Tsai, SY (Tsai, Sophia Y.); Yu, R (Yu, Ruth); Margolis, RN (Margolis, Ronald N.); Evans, RM (Evans, Ronald M.); O'Malley, BW (O'Malley, Bert W.)Title: Minireview: Evolution of NURSA, the Nuclear Receptor Signaling AtlasSource: MOLECULAR ENDOCRINOLOGY, 23 (6): 740-746 JUN 2009ISSN: 0888-8809DOI: 10.1210/me.2009-0135

Author(s): Allemann, RK (Allemann, Rudolf K.); Evans, RM (Evans, Rhiannon M.); Loveridge, EJ (Loveridge, E. Joel)Title: Probing coupled motions in enzymatic hydrogen tunnelling reactionsSource: BIOCHEMICAL SOCIETY TRANSACTIONS, 37: 349-353 Part 2 APR 2009ISSN: 0300-5127DOI: 10.1042/BST0370349

Author(s): Shaw RJ, Evans RM, Simon MC. Metabolism and cancer in La Jolla. Cancer Res.2010 May 15;70(10):3864-9. Epub 2010 May 4. PubMed PMID: 20442287; PubMed CentralPMCID: PMC2873170.

Author(s): Sugii S, Olson P, Sears DD, Saberi M, Atkins AR, Barish GD, Hong SH, CastroGL, Yin YQ, Nelson MC, Hsiao G, Greaves DR, Downes M, Yu RT, Olefsky JM, EvansRM. PPARgamma activation in adipocytes is sufficient for systemic insulinsensitization. Proc Natl Acad Sci U S A. 2009 Dec 29;106(52):22504-9. Epub 2009Dec 16. PubMed PMID: 20018750; PubMed Central PMCID: PMC2794650.

Author(s): Alaynick WA, Way JM, Wilson SA, Benson WG, Pei L, Downes M, Yu R, Jonker JW,Holt JA, Rajpal DK, Li H, Stuart J, McPherson R, Remlinger KS, Chang CY,McDonnell DP, Evans RM, Billin AN. ERRgamma regulates cardiac, gastric, and renalpotassium homeostasis. Mol Endocrinol. 2010 Feb;24(2):299-309. Epub 2009 Dec 4.PubMed PMID: 19965931; PubMed Central PMCID: PMC2817599.

Author(s): Jiang YJ, Barish G, Lu B, Evans RM, Crumrine D, Schmutz M, Elias PM, Feingold KR. PPARdelta activation promotes stratum corneum formation and epidermalpermeability barrier development during late gestation. J Invest Dermatol. 2010Feb;130(2):511-9. Epub 2009 Aug 13. PubMed PMID: 19675577.

Author(s): Evans RM. Preface nuclear receptors: past, present, and future. Prog Mol Biol Transl Sci. 2009;87:xi-xiii. Epub 2009 Oct 7. PubMed PMID: 20374698.

Author(s): Kent, CF (Kent, Clement F.); Daskalchuk, T (Daskalchuk, Tim); Cook, L (Cook, Lisa); Sokolowski, MB (Sokolowski, Marla B.); Greenspan, RJ (Greenspan, Ralph J.)Title: The Drosophila foraging Gene Mediates Adult Plasticity and Gene-Environment Interactions in Behaviour, Metabolites, and Gene Expression in Response to Food DeprivationSource: PLOS GENETICS, 5 (8): Art. No. e1000609 AUG 2009ISSN: 1553-7390Article Number: e1000609DOI: 10.1371/journal.pgen.1000609

Author(s): Bohland, JW (Bohland, Jason W.); Wu, CZ (Wu, Caizhi); Barbas, H (Barbas, Helen); Bokil, H (Bokil, Hemant); Bota, M (Bota, Mihail); Breiter, HC (Breiter, Hans C.); Cline, HT (Cline, Hollis T.); Doyle, JC (Doyle, John C.); Freed, PJ (Freed, Peter J.); Greenspan, RJ (Greenspan, Ralph J.); et.al.Title: A Proposal for a Coordinated Effort for the Determination of Brainwide Neuroanatomical Connectivity in Model Organisms at a Mesoscopic ScaleSource: PLOS COMPUTATIONAL BIOLOGY, 5 (3): Art. No. e1000334 MAR 2009ISSN: 1553-734XArticle Number: e1000334DOI: 10.1371/journal.pcbi.1000334

Author(s): Greenspan, R.J. (2009) Selection, gene interaction, and flexible gene networks. Cold Spring Harbor Symp. Quant. Biol. 74: 131-138.

Author(s): Greenspan, R.J. (2009) Seymour Benzer ? 1921-2007. Biographical Memoir, Nat. Acad. Sci.: Washington, DC. http://www.nasonline.org/site/PageServer?pagename=MEMOIRS_B .

Author(s): Flint, J., Greenspan, R.J., and Kendler, K.S. (2010) How Genes Influence Behavior. Oxford U. Press: London & New York.

Author(s): Lunt, B (Lunt, Bryan); Szurmant, H (Szurmant, Hendrik); Procaccini, A (Procaccini, Andrea); Hoch, JA (Hoch, James A.); Hwa, T (Hwa, Terence); Weigt, M (Weigt, Martin)Title: INFERENCE OF DIRECT RESIDUE CONTACTS IN TWO-COMPONENT SIGNALINGSource: METHODS IN ENZYMOLOGY, VOL 471: TWO-COMPONENT SIGNALING SYSTEMS, PART C, 471: 17-41 2010Book series title: Methods in EnzymologyISSN: 0076-6879DOI: 10.1016/S0076-6879(10)71002-8

Author(s): Schug, A (Schug, Alexander); Weigt, M (Weigt, Martin); Hoch, JA (Hoch, James A.); Onuchic,

JN (Onuchic, Jose N.); Hwa, T (Hwa, Terence); Szurmant, H (Szurmant, Hendrik)Title: COMPUTATIONAL MODELING OF PHOSPHOTRANSFER COMPLEXES IN TWO-COMPONENT SIGNALINGSource: METHODS IN ENZYMOLOGY, VOL 471: TWO-COMPONENT SIGNALING SYSTEMS, PART C, 471: 43-58 2010Book series title: Methods in EnzymologyISSN: 0076-6879DOI: 10.1016/S0076-6879(10)71003-X

Author(s): Klumpp, S (Klumpp, Stefan); Hwa, T (Hwa, Terence)Title: Traffic patrol in the transcription of ribosomal RNASource: RNA BIOLOGY, 6 (4): 392-394 SEP-OCT 2009ISSN: 1547-6286

Author(s): Schug, A (Schug, Alexander); Weigt, M (Weigt, Martin); Onuchic, JN (Onuchic, Jose N.); Hwa, T (Hwa, Terence); Szurmant, H (Szurmant, Hendrik)Title: High-resolution protein complexes from integrating genomic information with molecular simulationSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (52): 22124-22129 DEC 29 2009ISSN: 0027-8424DOI: 10.1073/pnas.0912100106

Author(s): Klumpp, S (Klumpp, Stefan); Zhang, ZG (Zhang, Zhongge); Hwa, T (Hwa, Terence)Title: Growth Rate-Dependent Global Effects on Gene Expression in BacteriaSource: CELL, 139 (7): 1366-1375 DEC 24 2009ISSN: 0092-8674DOI: 10.1016/j.cell.2009.12.001

Author(s): Gerland, U (Gerland, Ulrich); Hwa, T (Hwa, Terence)Title: Evolutionary selection between alternative modes of gene regulationSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (22): 8841-8846 JUN 2 2009ISSN: 0027-8424DOI: 10.1073/pnas.0808500106

Author(s): Weigt, M (Weigt, Martin); White, RA (White, Robert A.); Szurmant, H (Szurmant, Hendrik); Hoch, JA (Hoch, James A.); Hwa, T (Hwa, Terence)Title: Identification of direct residue contacts in protein-protein interaction by message passingSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (1): 67-72 JAN 6 2009ISSN: 0027-8424DOI: 10.1073/pnas.0805923106

Author(s): Kauffman, AS (Kauffman, Alexander S.); Navarro, VM (Navarro, Victor M.); Kim, J (Kim, Josh); Clifton, DK (Clifton, Donald K.); Steiner, RA (Steiner, Robert A.)Title: Gonadal hormone-independent regulation of hypothalamic Kiss1/NKB neurons in prepubertal miceSource: ENDOCRINE JOURNAL, 57: S517-S517 Suppl. 2 MAR 2010ISSN: 0918-8959

Author(s): Semaan, SJ (Semaan, Sheila J.); Kauffman, AS (Kauffman, Alexander S.)Title: Sexual differentiation and development of forebrain reproductive circuitsSource: CURRENT OPINION IN NEUROBIOLOGY, 20 (4): 424-431 AUG 2010ISSN: 0959-4388DOI: 10.1016/j.conb.2010.04.004

Author(s): Kauffman, AS (Kauffman, Alexander S.)Title: Coming of age in the Kisspeptin Era: Sex differences, development, and pubertySource: MOLECULAR AND CELLULAR ENDOCRINOLOGY, 324 (1-2): 51-63 Sp. Iss. SI AUG 5 2010ISSN: 0303-7207DOI: 10.1016/j.mce.2010.01.017

Author(s): Kauffman, AS (Kauffman, A. S.)Title: Gonadal and Nongonadal Regulation of Sex Differences in Hypothalamic Kiss1 NeuronesSource: JOURNAL OF NEUROENDOCRINOLOGY, 22 (7): 682-691 JUL 2010ISSN: 0953-8194DOI: 10.1111/j.1365-2826.2010.02030.x

Author(s): Paul, MJ (Paul, Matthew J.); Tuthill, C (Tuthill, Christiana); Kauffman, AS (Kauffman, Alexander S.); Zucker, I (Zucker, Irving)Title: Pelage insulation, litter size, and ambient temperature impact maternal energy intake and offspring development during lactationSource: PHYSIOLOGY & BEHAVIOR, 100 (2): 128-134 MAY 11 2010ISSN: 0031-9384DOI: 10.1016/j.physbeh.2010.02.012

Author(s): Kauffman, AS (Kauffman, Alexander S.); Bojkowska, K (Bojkowska, Karolina); Rissman, EF (Rissman, Emilie F.)Title: Critical periods of susceptibility to short-term energy challenge during pregnancy: Impact on fertility and offspring developmentSource: PHYSIOLOGY & BEHAVIOR, 99 (1): 100-108 JAN 2010ISSN: 0031-9384DOI: 10.1016/j.physbeh.2009.10.017

Author(s): Kauffman, AS (Kauffman, Alexander S.); Navarro, VM (Navarro, Victor M.); Kim, J (Kim, Joshua); Clifton, DK (Clifton, Donald K.); Steiner, RA (Steiner, Robert A.)Title: Sex differences in the regulation of Kiss1/NKB neurons in juvenile mice: implications for the timing of pubertySource: AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM, 297 (5): E1212-E1221 NOV 2009ISSN: 0193-1849DOI: 10.1152/ajpendo.00461.2009

Author(s): Robertson, JL (Robertson, Jessica L.); Clifton, DK (Clifton, Donald K.); de la Iglesia, HO (de la Iglesia, Horacio O.); Steiner, RA (Steiner, Robert A.); Kauffman, AS (Kauffman, Alexander S.) Title: Circadian Regulation of Kiss1 Neurons: Implications for Timing the Preovulatory Gonadotropin-Releasing Hormone/Luteinizing Hormone Surge Source: ENDOCRINOLOGY, 150 (8): 3664-3671 AUG 2009 ISSN: 0013-7227 DOI: 10.1210/en.2009-0247

Author(s): Roseweir, AK (Roseweir, Antonia K.); Kauffman, AS (Kauffman, Alexander S.); Smith, JT (Smith, Jeremy T.); Guerriero, KA (Guerriero, Kathryn A.); Morgan, K (Morgan, Kevin); Pielecka-Fortuna, J (Pielecka-Fortuna, Justyna); Pineda, R (Pineda, Rafael); Gottsch, ML (Gottsch, Michelle L.); Tena-Sempere, M (Tena-Sempere, Manuel); Moenter, SM (Moenter, Suzanne M.); Terasawa, E (Terasawa, Ei); Clarke, IJ (Clarke, Iain J.); Steiner, RA (Steiner, Robert A.); Millar, RP (Millar, Robert P.) Title: Discovery of Potent Kisspeptin Antagonists Delineate Physiological Mechanisms of Gonadotropin Regulation Source: JOURNAL OF NEUROSCIENCE, 29 (12): 3920-3929 MAR 25 2009 ISSN: 0270-6474 DOI: 10.1523/JNEUROSCI.5740-08.2009

Author(s): Roseweir, AK (Roseweir, Antonia K.); Kauffman, AS (Kauffman, Alexander S.); Smith, JT (Smith, Jeremy T.); Guerriero, KA (Guerriero, Kathryn A.); Morgan, K (Morgan, Kevin); Pielecka-Fortuna, J (Pielecka-Fortuna, Justyna); Pineda, R (Pineda, Rafael); Gottsch, ML (Gottsch, Michelle L.); Tena-Sempere, M (Tena-Sempere, Manuel); Moenter, SM (Moenter, Suzanne M.); Terasawa, E (Terasawa, Ei); Clarke, IJ (Clarke, Iain J.); Steiner, RA (Steiner, Robert A.); Millar, RP (Millar, Robert P.) Title: The Development of Kisspeptin Antagonists for Therapeutic Interventions. Source: REPRODUCTIVE SCIENCES, 16 (3): 282A-283A 739 Suppl. S MAR 2009 ISSN: 1933-7191

Author(s): Kauffman, AS (Kauffman, Alexander S.) Title: Sexual differentiation and the Kiss1 system: Hormonal and developmental considerations Source: PEPTIDES, 30 (1): 83-93 Sp. Iss. SI JAN 2009 ISSN: 0196-9781 DOI: 10.1016/j.peptides.2008.06.014

*Author(s): Semaan SJ, Murray EK, Poling MC, Dhamija S, Forger NG, Kauffman AS. BAX-Dependent and BAX-Independent Regulation of Kiss1 Neuron Development in Mice. *Endocrinology*. 2010 Oct 6. [Epub ahead of print] PubMed PMID: 20926580.

Author(s): Kripke D. Illumination and mood. *Psychopharmacology (Berl)*. 2010 Oct 16. [Epub ahead of print] PubMed PMID: 20953587.

Author(s): Kripke DF, Langer RD, Elliott JA, Klauber MR, Rex KM. Mortality related to actigraphic long and short sleep. *Sleep Med*. 2010 Sep 24. [Epub ahead of print] PubMed PMID: 20870457.

Author(s): Lee HJ, Kim L, Kang SG, Yoon HK, Choi JE, Park YM, Kim SJ, Kripke DF. PER2 Variation is Associated with Diurnal Preference in a Korean Young Population. *Behav Genet*. 2010 Oct 8. [Epub ahead of print] PubMed PMID: 20931356.

Author(s): Youngstedt SD, Kripke DF, Kline CE, Zielinski MR, Bogan RK. Lack of impairment in glucose tolerance: support for further investigation of sleep restriction in older long sleepers. *J Sleep Res*. 2010 Mar;19 (1 Pt 1):116-7. PubMed PMID: 20470263.

Author(s): Kripke DF, Elliott JA, Youngstedt SD, Parry BL, Hauger RL, Rex KM. Weak evidence of bright light effects on human LH and FSH. *J Circadian Rhythms*. 2010 May 11;8:5. PubMed PMID: 20459826; PubMed Central PMCID: PMC2885316.

Author(s): Kripke DF, Hahn EK, Grizas AP, Wadiak KH, Loving RT, Poceta JS, Shadan FF, Cronin JW, Kline LE. Wrist actigraphic scoring for sleep laboratory patients: algorithm development. *J Sleep Res*. 2010 Dec;19(4):612-9. doi:10.1111/j.1365-2869.2010.00835.x. PubMed PMID: 20408923.

Author(s): Kripke DF, Shadan FF, Dawson A, Cronin JW, Jamil SM, Grizas AP, Koziol JA, Kline LE. Genotyping sleep disorders patients. *Psychiatry Investig*. 2010 Mar;7(1):36-42. Epub 2010 Feb 22. PubMed PMID: 20396431; PubMed Central PMCID: PMC2848776.

Author(s): Grandner MA, Kripke DF, Naidoo N, Langer RD. Relationships among dietary nutrients and subjective sleep, objective sleep, and napping in women. *Sleep Med*. 2010 Feb;11(2):180-4. Epub 2009 Dec 14. PubMed PMID: 20005774; PubMed Central PMCID: PMC2819566.

Author(s): Joya FL, Kripke DF, Loving RT, Dawson A, Kline LE. Meta-analyses of hypnotics and infections: eszopiclone, ramelteon, zaleplon, and zolpidem. *J Clin Sleep Med*. 2009 Aug 15;5(4):377-83. Review. PubMed PMID: 19968019; PubMed Central PMCID:PMC2725260.

Author(s): Youngstedt SD, Kline CE, Zielinski MR, Kripke DF, Devlin TM, Bogan RK, Wilcox S, Hardin JW. Tolerance of chronic 90-minute time-in-bed restriction in older long sleepers. *Sleep*. 2009 Nov 1;32(11):1467-79. PubMed PMID: 19928386; PubMed Central PMCID: PMC2768953.

Author(s): Bjørkstén KS, Kripke DF, Bjerregaard P. Accentuation of suicides but not homicides with rising latitudes of Greenland in the sunny months. *BMC Psychiatry*. 2009 May 8;9:20. PubMed PMID: 19422728; PubMed Central PMCID: PMC2685778.

Author(s): Kripke DF. Do hypnotics cause death and cancer? The burden of proof. *Sleep Med*. 2009 Mar;10(3):275-6. Epub 2009 Mar 9. PubMed PMID: 19269891.

Author(s): Kripke DF, Nievergelt CM, Joo E, Shekhtman T, Kelsoe JR. Circadian polymorphisms associated with affective disorders. *J Circadian Rhythms*. 2009 Jan 23;7:2. PubMed PMID: 19166596; PubMed Central PMCID: PMC2661876.

Author(s): Poceta, JS (Poceta, J. Steven); Kripke, D (Kripke, Daniel) Title: Circadian variation of hypocretin-1 (orexin A) in restless legs syndrome Reply Source: *SLEEP MEDICINE*, 10 (2): 272-272 FEB 2009 ISSN: 1389-9457 DOI: 10.1016/j.sleep.2008.08.002

Author(s): Mednick SC, Makovski T, Cai D, Jiang Y, Nap-dependent implicit spatial learning in contextual cueing. 2009, *Vision Research* (2009) April 18.

Author(s): Cai D, Mednick SA, Kanady J, Drummond SPA, Mednick SC, Priming Associative Networks: REM, Not Incubation, Improves Creativity. *Proceedings from the National Academy of Sciences USA* June (2009).

Author(s): Mednick SC, Christakis NA, Fowler JH The Spread of Sleep Loss Influences Drug Use in Adolescent Social Networks. *PLoS ONE* 5: e9775 (2010).

Author(s): Kanady J, Drummond SPA, Mednick SC, The Influence of Prior Sleep (Actigraphy) on Sleep Stages (PSG) During a Nap in Healthy Well-Rested Adults. *Journal of Sleep Research* (2010) (in press)

Author(s): Mednick SC and Alaynick WA, Comparing models of sleep-dependent memory consolidation, *Journal of Experimental and Clinical Medicine* (2010) (in press).

Author(s): Reith C, Cai D, McDevitt EA Mednick SC, "The role of sleep and practice on explicit and implicit motor memory consolidation." *Behavioral Brain Research*, 2010. In Review

Author(s): Harrison L., Gorman M. and Mednick SC. The Influence of Light on Sleep Quality and Architecture during Daytime Sleep.

Author(s): Mednick SC, Cai D, Anagnostaras S, Shuman T, Wixted J, An Opportunistic Theory of Cellular and Systems Consolidation.

Author(s): McDevitt EA, Kanady JC, Cai DJ, Harrison EM, and Mednick SC, Differences in Sleep Architecture of a Nap in Habitual and Non-Habitual Nappers.

Author(s): Mednick SC, Walsh J, Paulus M, Kanady JC, McDevitt EA, Drummond SPA. Pharmacologically altering sleep stages in a daytime nap has greater effect on women than men. In Preparation

Author(s): Jung Y, Huber D, Cai DJ and Mednick SC, REM sleep enhances salience of hits, not misses, in a creativity task.

Author(s): Gupta N, Mednick SC, Jung Y and Huber D, The road less traveled: The detrimental role of fluency in creativity.

Author(s): Mednick SC, Brady M, Novel object learning depends on rapid eye movement sleep.

Author(s): McDevitt E, Mednick SC, Habitual nappers show nap-dependent perceptual learning compared to non-habitual nappers

Author(s): Mednick SC, REM sleep prevents interference in the texture discrimination task.

Author(s): Sharma S, Sharma PM, Mistry DS, Chang RJ, Olefsky JM, Mellon PL, Webster N. PPARG Regulates Gonadotropin-Releasing Hormone Signaling in LbetaT2 Cells In Vitro and Pituitary Gonadotroph Function In Vivo in Mice. *Biol Reprod.* 2010 Nov 10. [Epub ahead of print] PubMed PMID: 21076077.

Author(s): Iyer AK, Miller NL, Yip K, Tran BH, Mellon PL. Enhancers of GnRH transcription embedded in an upstream gene use homeodomain proteins to specify hypothalamic expression. *Mol Endocrinol.* 2010 Oct;24(10):1949-64. Epub 2010 Jul 28. PubMed PMID: 20667983; PubMed Central PMCID: PMC2954641.

Author(s): Coss D, Mellon PL, Thackray VG. A FoxL in the Smad house: activin regulation of FSH. *Trends Endocrinol Metab.* 2010 Sep;21(9):562-8. Epub 2010 Jul 2. PubMed PMID: 20598900; PubMed Central PMCID: PMC2933269.

Author(s): Breen KM, Thackray VG, Coss D, Mellon PL. Runt-related transcription factors impair activin induction of the follicle-stimulating hormone {beta}-subunit gene. *Endocrinology.* 2010 Jun;151(6):2669-80. Epub 2010 Mar 31. PubMed PMID: 20357224; PubMed Central PMCID: PMC2875819.

Author(s): Corpuz PS, Lindaman LL, Mellon PL, Coss D. FoxL2 Is required for activin induction of the mouse and human follicle-stimulating hormone beta-subunit genes. *Mol Endocrinol.* 2010 May;24(5):1037-51. Epub 2010 Mar 16. PubMed PMID: 20233786; PubMed Central PMCID: PMC2870942.

Author(s): Thackray VG, Mellon PL, Coss D. Hormones in synergy: regulation of the pituitary gonadotropin genes. *Mol Cell Endocrinol.* 2010 Jan 27;314(2):192-203. Epub 2009 Sep 10. Review. PubMed PMID: 19747958; PubMed Central PMCID: PMC2815122.

Author(s): Larder R, Mellon PL. Otx2 induction of the gonadotropin-releasing hormone promoter is modulated by direct interactions with Grg co-repressors. *J Biol Chem.* 2009 Jun 19;284(25):16966-78. Epub 2009 Apr 28. PubMed PMID: 19401468; PubMed Central PMCID: PMC2719334.

Author(s): Zhang, EE (Zhang, Eric E.); Liu, Y (Liu, Yi); Dentin, R (Dentin, Renaud); Pongsawakul, PY (Pongsawakul, Pagkapol Y.); Liu, AC (Liu, Andrew C.); Hirota, T (Hirota, Tsuyoshi); Nusinow, DA (Nusinow, Dmitri A.); Sun, XJ (Sun, Xiujie); Landais, S (Landais, Severine); Kodama, Y (Kodama, Yuzo); Brenner, DA (Brenner, David A.); Montminy, M (Montminy, Marc); Kay, SA (Kay, Steve A.) Title: Cryptochrome mediates circadian regulation of cAMP signaling and hepatic gluconeogenesis Source: NATURE MEDICINE, 16 (10): 1152-U133 OCT 2010 ISSN: 1078-8956 DOI: 10.1038/nm.2214

Author(s): Wang, YG (Wang, Yiguo); Inoue, H (Inoue, Hiroshi); Ravnskjaer, K (Ravnskjaer, Kim); Viste, K (Viste, Kristin); Miller, N (Miller, Nina); Liu, Y (Liu, Yi); Hedrick, S (Hedrick, Susan); Vera, L (Vera, Liliana); Montminy, M (Montminy, Marc) Title: Targeted disruption of the CREB coactivator Crtc2 increases insulin sensitivity Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 107 (7): 3087-3092 FEB 16 2010 ISSN: 0027-8424 DOI: 10.1073/pnas.0914897107

Author(s): Wang, YG (Wang, Yiguo); Vera, L (Vera, Liliana); Fischer, WH (Fischer, Wolfgang H.); Montminy, M (Montminy, Marc) Title: The CREB coactivator CRTC2 links hepatic ER stress and fasting gluconeogenesis Source: NATURE, 460 (7254): 534-U116 JUL 23 2009 ISSN: 0028-0836 DOI: 10.1038/nature08111

Author(s): Ryu, D (Ryu, Dongryeol); Oh, KJ (Oh, Kyoung-Jin); Jo, HY (Jo, Hee-Yeon); Hedrick, S (Hedrick, Susan); Kim, YN (Kim, Yo-Na); Hwang, YJ (Hwang, Yu-Jin); Park, TS (Park, Tae-Sik); Han, JS (Han, Joong-Soo); Choi, CS (Choi, Cheol Soo); Montminy, M (Montminy, Marc); Koo, SH (Koo, Seung-Hoi) Title: TORC2 Regulates Hepatic Insulin Signaling via a Mammalian Phosphatidic Acid Phosphatase, LIPIN1 Source: CELL METABOLISM, 9 (3): 240-251 MAR 4 2009 ISSN: 1550-4131 DOI: 10.1016/j.cmet.2009.01.007

Author(s): Qi, L (Qi, Ling); Saberi, M (Saberi, Maziyar); Zmuda, E (Zmuda, Erik); Wang, YG (Wang, Yiguo); Altarejos, J (Altarejos, Judith); Zhang, XM (Zhang, Xinmin); Dentin, R (Dentin, Renaud); Hedrick, S (Hedrick, Susie); Bandyopadhyay, G (Bandyopadhyay, Gautam); Hai, T (Hai, Tsonwin); Olefsky, J (Olefsky, Jerry); Montminy, M (Montminy, Marc)Title: Adipocyte CREB Promotes Insulin Resistance in ObesitySource: CELL METABOLISM, 9 (3): 277-286 MAR 4 2009ISSN: 1550-4131DOI: 10.1016/j.cmet.2009.01.006

Author(s): Franco-Watkins, AM (Franco-Watkins, Ana M.); Rickard, TC (Rickard, Timothy C.); Pashler, H (Pashler, Hal)Title: Taxing Executive Processes Does Not Necessarily Increase Impulsive Decision MakingSource: EXPERIMENTAL PSYCHOLOGY, 57 (3): 193-201 2010ISSN: 1618-3169DOI: 10.1027/1618-3169/a000024

Author(s): Cai, DJ (Cai, Denise J.); Rickard, TC (Rickard, Timothy C.)Title: Reconsidering the Role of Sleep for Motor MemorySource: BEHAVIORAL NEUROSCIENCE, 123 (6): 1153-1157 DEC 2009ISSN: 0735-7044DOI: 10.1037/a0017672

Author(s): Bajic, D (Bajic, Daniel); Rickard, TC (Rickard, Timothy C.)Title: The Temporal Dynamics of Strategy Execution in Cognitive Skill LearningSource: JOURNAL OF EXPERIMENTAL PSYCHOLOGY-LEARNING MEMORY AND COGNITION, 35 (1): 113-121 JAN 2009ISSN: 0278-7393DOI: 10.1037/a0013647

Author(s): Parry, BL (Parry, Barbara L.); Meliska, CJ (Meliska, Charles J.); Sorenson, DL (Sorenson, Diane L.); Lopez, A (Lopez, Ana); Martinez, LF (Martinez, Luis Fernando); Hauger, RL (Hauger, Richard L.); Elliott, JA (Elliott, Jeffrey A.)Title: INCREASED SENSITIVITY TO LIGHT-INDUCED MELATONIN SUPPRESSION IN PREMENSTRUAL DYSPHORIC DISORDERSSource: CHRONOBIOLOGY INTERNATIONAL, 27 (7): 1438-1453 2010ISSN: 0742-0528DOI: 10.3109/07420528.2010.503331

Author(s): Nowakowski, S (Nowakowski, S.); Meliska, CJ (Meliska, C. J.); Parry, BL (Parry, B. L.)Title: AMBIENT DAYLIGHT INFLUENCES POLYSOMNOGRAPHIC SLEEP IN HEALTHY AND DEPRESSED MENOPAUSAL WOMENSource: SLEEP, 32: A349-A349 1070 Suppl. S 2009ISSN: 0161-8105

Author(s): Nowakowski, S (Nowakowski, S.); Meliska, CJ (Meliska, C. J.); Parry, BL (Parry, B. L.)Title: AMBIENT DAYLIGHT INFLUENCES POLYSOMNOGRAPHIC SLEEP IN HEALTHY AND DEPRESSED PREGNANT AND POSTPARTUM WOMENSource: SLEEP, 32: A349-A350 1071 Suppl. S 2009ISSN: 0161-8105

Author(s): Parry, BL (Parry, Barbara L.)Title: Assessing Risk and Benefit: To Treat or Not to Treat Major Depression During Pregnancy With Antidepressant MedicationSource: AMERICAN JOURNAL OF PSYCHIATRY, 166 (5): 512-514 MAY 2009ISSN: 0002-953XDOI: 10.1176/appi.ajp.2009.09020251

Author(s): Nowakowski, S (Nowakowski, Sara); Meliska, CJ (Meliska, Charles J.); Martinez, LF (Martinez, L. Fernando); Parry, BL (Parry, Barbara L.)Title: Sleep and menopauseSource: CURRENT NEUROLOGY AND NEUROSCIENCE REPORTS, 9 (2): 165-172 MAR 2009ISSN: 1528-4042DOI: 10.1007/s11910-009-0025-6

Author(s): Parry BL. Optimal management of perimenopausal depression. Int J Women Health.2010 Aug 9;2:143-51. PubMed PMID: 21072307; PubMed Central PMCID: PMC2971729.

Author(s): Kripke DF, Elliott JA, Youngstedt SD, Parry BL, Hauger RL, Rex KM. Weakevidence of bright light effects on human LH and FSH. J Circadian Rhythms. 2010May 11;8:5. PubMed PMID: 20459826; PubMed Central PMCID: PMC2885316.

Author(s): Welsh, DK (Welsh, David K.)Title: Limits of single-cell autonomy in the suprachiasmatic nucleusSource: SLEEP AND BIOLOGICAL RHYTHMS, 7 (4): 252-259 OCT 2009

ISSN: 1446-9235DOI: 10.1111/j.1479-8425.2009.00425.x

Author(s): Ko CH, Yamada YR, Welsh DK, Buhr ED, Liu AC, Zhang EE, Ralph MR, Kay SA,Forger DB, Takahashi JS. Emergence of noise-induced oscillations in the centralcircadian pacemaker. PLoS Biol. 2010

Oct 12;8(10):e1000513. PubMed PMID:20967239; PubMed Central PMCID: PMC2953532.

Author(s): Welsh DK, Takahashi JS, Kay SA. Suprachiasmatic nucleus: cell autonomy and network properties. *Annu Rev Physiol.* 2010 Mar 17;72:551-77. Review. PubMed PMID:20148688.

Author(s): Westermarck PO, Welsh DK, Okamura H, Herzog H. Quantification of circadian rhythms in single cells. *PLoS Comput Biol.* 2009 Nov;5(11):e1000580. Epub 2009 Nov 26. PubMed PMID: 19956762; PubMed Central PMCID: PMC2776301.

Author(s): Wang LM, Dragich JM, Kudo T, Odom IH, Welsh DK, O'Dell TJ, Colwell CS. Expression of the circadian clock gene *Period2* in the hippocampus: possible implications for synaptic plasticity and learned behaviour. *ASN Neuro.* 2009 Jun 10;1(3). pii: e00012. doi: 10.1042/AN20090020. PubMed PMID: 19570032; PubMed Central PMCID: PMC2695588.

Author(s): Mirsky HP, Liu AC, Welsh DK, Kay SA, Doyle FJ 3rd. A model of the cell-autonomous mammalian circadian clock. *Proc Natl Acad Sci U S A.* 2009 Jul 7;106(27):11107-12. Epub 2009 Jun 19. PubMed PMID: 19549830; PubMed Central PMCID: PMC2699375.

Author(s): Ko, CH (Ko, Caroline H.); Yamada, YR (Yamada, Yujiro R.); Welsh, DK (Welsh, David K.); Buhr, ED (Buhr, Ethan D.); Liu, AC (Liu, Andrew C.); Zhang, EE (Zhang, Eric E.); Ralph, MR (Ralph, Martin R.); Kay, SA (Kay, Steve A.); Forger, DB (Forger, Daniel B.); Takahashi, JS (Takahashi, Joseph S.) Title: Emergence of Noise-Induced Oscillations in the Central Circadian Pacemaker Source: PLOS BIOLOGY, 8 (10): Art. No. e1000513 OCT 2010 ISSN: 1544-9173 Article Number: e1000513 DOI: 10.1371/journal.pbio.1000513

Author(s): Zhang, EE (Zhang, Eric E.); Kay, SA (Kay, Steve A.) Title: Clocks not winding down: unravelling circadian networks Source: NATURE REVIEWS MOLECULAR CELL BIOLOGY, 11 (11): 764-776 NOV 2010 ISSN: 1471-0072 DOI: 10.1038/nrm2995

Author(s): Zhang, EE (Zhang, Eric E.); Liu, Y (Liu, Yi); Dentin, R (Dentin, Renaud); Pongsawakul, PY (Pongsawakul, Pagkapol Y.); Liu, AC (Liu, Andrew C.); Hirota, T (Hirota, Tsuyoshi); Nusinow, DA (Nusinow, Dmitri A.); Sun, XJ (Sun, Xiujie); Landais, S (Landais, Severine); Kodama, Y (Kodama, Yuzo); Brenner, DA (Brenner, David A.); Montminy, M (Montminy, Marc); Kay, SA (Kay, Steve A.) Title: Cryptochrome mediates circadian regulation of cAMP signaling and hepatic gluconeogenesis Source: NATURE MEDICINE, 16 (10): 1152-U133 OCT 2010 ISSN: 1078-8956 DOI: 10.1038/nm.2214

Author(s): Pruneda-Paz, JL (Pruneda-Paz, Jose L.); Kay, SA (Kay, Steve A.) Title: An expanding universe of circadian networks in higher plants Source: TRENDS IN PLANT SCIENCE, 15 (5): 259-265 MAY 2010 ISSN: 1360-1385 DOI: 10.1016/j.tplants.2010.03.003

Author(s): Gleick, PH (Gleick, P. H.); Kay, SA (Kay, S. A.); et.al. Title: Climate Change and the Integrity of Science Source: SCIENCE, 328 (5979): 689-690 MAY 7 2010 ISSN: 0036-8075

Author(s): Baudry, A (Baudry, Antoine); Ito, S (Ito, Shogo); Song, YH (Song, Young Hun); Strait, AA (Strait, Alexander A.); Kiba, T (Kiba, Takatoshi); Lu, S (Lu, Sheen); Henriques, R (Henriques, Rossana); Pruneda-Paz, JL (Pruneda-Paz, Jose L.); Chua, NH (Chua, Nam-Hai); Tobin, EM (Tobin, Elaine M.); Kay, SA (Kay, Steve A.); Imaizumi, T (Imaizumi, Takato) Title: F-Box Proteins FKF1 and LKP2 Act in Concert with ZEITLUPE to Control Arabidopsis Clock Progression Source: PLANT CELL, 22 (3): 606-622 MAR 2010 ISSN: 1040-4651 DOI: 10.1105/tpc.109.072843

Author(s): Welsh, DK (Welsh, David K.); Takahashi, JS (Takahashi, Joseph S.); Kay, SA (Kay, Steve A.) Title: Suprachiasmatic Nucleus: Cell Autonomy and Network Properties Source: ANNUAL REVIEW OF PHYSIOLOGY, 72: 551-577 2010 ISSN: 0066-4278 DOI: 10.1146/annurev-physiol-021909-135919

Author(s): Welsh, DK (Welsh, David K.); Kay, SA (Kay, Steve A.) Title: BIOLUMINESCENCE IMAGING OF CIRCADIAN CLOCK GENE EXPRESSION IN SINGLE CELLS Source: JOURNAL OF PHYSIOLOGICAL SCIENCES, 59: 114-114 Suppl. 1 2009 ISSN: 1880-6546

Author(s): Hirota, T (Hirota, Tsuyoshi); Kay, SA (Kay, Steve A.) Title: High-Throughput Screening and Chemical Biology: New Approaches for Understanding Circadian Clock Mechanisms Source: CHEMISTRY & BIOLOGY, 16 (9): 921-927 SEP 25 2009 ISSN: 1074-5521 DOI: 10.1016/j.chembiol.2009.09.002

Author(s): Zhang, EE (Zhang, Eric E.); Liu, AC (Liu, Andrew C.); Hirota, T (Hirota, Tsuyoshi); Miraglia, LJ (Miraglia, Loren J.); Welch, G (Welch, Genevieve); Pongsawakul, PY (Pongsawakul, Pagkapol Y.); Liu, XZ (Liu, Xianzhong); Atwood, A (Atwood, Ann); Huss, JW (Huss, Jon W., III); Janes, J (Janes, Jeff); Su, AI (Su, Andrew I.); Hogenesch, JB (Hogenesch, John B.); Kay, SA (Kay, Steve A.)Title: A Genome-wide RNAi Screen for Modifiers of the Circadian Clock in Human CellsSource: CELL, 139 (1): 199-210 OCT 2 2009ISSN: 0092-8674DOI: 10.1016/j.cell.2009.08.031

Author(s): Mirsky, HP (Mirsky, Henry P.); Liu, AC (Liu, Andrew C.); Welsh, DK (Welsh, David K.); Kay, SA (Kay, Steve A.); Doyle, FJ (Doyle, Francis J., III)Title: A model of the cell-autonomous mammalian circadian clockSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (27): 11107-11112 JUL 7 2009ISSN: 0027-8424DOI: 10.1073/pnas.0904837106

Author(s): Pan, YH (Pan, Yinghong); Michael, TP (Michael, Todd P.); Hudson, ME (Hudson, Matthew E.); Kay, SA (Kay, Steve A.); Chory, J (Chory, Joanne); Schuler, MA (Schuler, Mary A.)Title: Cytochrome P450 Monooxygenases as Reporters for Circadian-Regulated PathwaysSource: PLANT PHYSIOLOGY, 150 (2): 858-878 JUN 2009ISSN: 0032-0889DOI: 10.1104/pp.108.130757

Author(s): Hazen, SP (Hazen, Samuel P.); Naef, F (Naef, Felix); Quisel, T (Quisel, Tom); Gendron, JM (Gendron, Joshua M.); Chen, HM (Chen, Huaming); Ecker, JR (Ecker, Joseph R.); Borevitz, JO (Borevitz, Justin O.); Kay, SA (Kay, Steve A.)Title: Exploring the transcriptional landscape of plant circadian rhythms using genome tiling arraysSource: GENOME BIOLOGY, 10 (2): Art. No. R17 2009ISSN: 1474-760XArticle Number: R17DOI: 10.1186/gb-2009-10-2-r17

Author(s): Hung, HC (Hung, Hsiu-Cheng); Kay, SA (Kay, Steve A.); Weber, F (Weber, Frank)Title: HSP90, a Capacitor of Behavioral VariationSource: JOURNAL OF BIOLOGICAL RHYTHMS, 24 (3): 183-192 JUN 2009ISSN: 0748-7304DOI: 10.1177/0748730409333171

Author(s): Pruneda-Paz, JL (Pruneda-Paz, Jose L.); Breton, G (Breton, Ghislain); Para, A (Para, Alessia); Kay, SA (Kay, Steve A.)Title: A Functional Genomics Approach Reveals CHE as a Component of the Arabidopsis Circadian ClockSource: SCIENCE, 323 (5920): 1481-1485 MAR 13 2009ISSN: 0036-8075DOI: 10.1126/science.1167206

Author(s): Chu, J (Chu, Jessie); Hong, NA (Hong, Nancy A.); Masuda, CA (Masuda, Claudio A.); Jenkins, BV (Jenkins, Brian V.); Nelms, KA (Nelms, Keats A.); Goodnow, CC (Goodnow, Christopher C.); Glynne, RJ (Glynne, Richard J.); Wu, H (Wu, Hua); Masliah, E (Masliah, Eliezer); Joazeiro, CAP (Joazeiro, Claudio A. P.); Kay, SA (Kay, Steve A.)Title: A mouse forward genetics screen identifies LISTERIN as an E3 ubiquitin ligase involved in neurodegenerationSource: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, 106 (7): 2097-2103 FEB 17 2009ISSN: 0027-8424DOI: 10.1073/pnas.0812819106

Author(s): Hatori M, Panda S. The emerging roles of melanopsin in behavioral adaptation to light. Trends Mol Med. 2010 Oct;16(10):435-46. Epub 2010 Aug 31. PubMed PMID: 20810319; PubMed Central PMCID: PMC2952704.

Author(s): Vollmers C, Gill S, DiTacchio L, Pulivarthi SR, Le HD, Panda S. Time of feeding and the intrinsic circadian clock drive rhythms in hepatic gene expression. Proc Natl Acad Sci U S A. 2009 Dec 15;106(50):21453-8. Epub 2009 Nov 25. PubMed PMID: 19940241; PubMed Central PMCID: PMC2795502.

Author(s): Lamia KA, Sachdeva UM, DiTacchio L, Williams EC, Alvarez JG, Egan DF, Vasquez DS, Juguilon H, Panda S, Shaw RJ, Thompson CB, Evans RM. AMPK regulates the circadian clock by cryptochrome phosphorylation and degradation. Science. 2009 Oct 16;326(5951):437-40. PubMed PMID: 19833968; PubMed Central PMCID: PMC2819106.

Author(s): Hitomi K, DiTacchio L, Arvai AS, Yamamoto J, Kim ST, Todo T, Tainer JA, Iwai S, Panda S, Getzoff ED. Functional motifs in the (6-4) photolyase crystal structure make a comparative framework for DNA repair photolyases and clock cryptochromes. Proc Natl Acad Sci U S A. 2009 Apr 28;106(17):6962-7. Epub 2009 Apr 9. PubMed PMID: 19359474; PubMed Central PMCID: PMC2678464.

Author(s): Hughes ME, DiTacchio L, Hayes KR, Vollmers C, Pulivarthi S, Baggs JE, Panda S, Hogenesch JB. Harmonics of circadian gene transcription in mammals. PLoS Genet. 2009 Apr;5(4):e1000442. Epub 2009

Apr 3. PubMed PMID: 19343201; PubMed Central PMCID: PMC2654964.

Author(s): Baggs JE, Price TS, DiTacchio L, Panda S, Fitzgerald GA, Hogenesch JB. Network features of the mammalian circadian clock. *PLoS Biol.* 2009 Mar 10;7(3):e52. PubMed PMID: 19278294; PubMed Central PMCID: PMC2653556.

Author(s): Mather WH, Cookson NA, Hasty J, Tsimring LS, Williams RJ. Correlation Resonance Generated by Coupled Enzymatic Processing. *Biophys J.* 2010 Nov 17;99(10):3172-3181. PubMed PMID: 21081064.

Author(s): Hasty J, Hoffmann A, Golden S. Systems biology of cellular rhythms: from cacophony to symphony. *Curr Opin Genet Dev.* 2010 Dec;20(6):571-3. Epub 2010 Oct 29. PubMed PMID: 21036033.

Author(s): Mather W, Mondragon-Palomino O, Danino T, Hasty J, Tsimring LS. Streaming instability in growing cell populations. *Phys Rev Lett.* 2010 May 21;104(20):208101. Epub 2010 May 19. PubMed PMID: 20867071; PubMed Central PMCID: PMC2947335.

Author(s): Zhuravel D, Fraser D, St-Pierre S, Tepliakova L, Pang WL, Hasty J, Kærn M. Phenotypic impact of regulatory noise in cellular stress-response pathways. *Syst Synth Biol.* 2010 Jun;4(2):105-116. Epub 2010 Apr 22. PubMed PMID: 20805931; PubMed Central PMCID: PMC2923296.

Author(s): Longo DM, Hoffmann A, Tsimring LS, Hasty J. Coherent activation of a synthetic mammalian gene network. *Syst Synth Biol.* 2010 Mar;4(1):15-23. Epub 2009 Sep 11. PubMed PMID: 19757189; PubMed Central PMCID: PMC2816225.

Author(s): Mather, W (Mather, William); Mondragon-Palomino, O (Mondragon-Palomino, Octavio); Danino, T (Danino, Tal); Hasty, J (Hasty, Jeff); Tsimring, LS (Tsimring, Lev S.) Title: Streaming Instability in Growing Cell Populations Source: PHYSICAL REVIEW LETTERS, 104 (20): Art. No. 208101 MAY 21 2010 ISSN: 0031-9007 Article Number: 208101 DOI: 10.1103/PhysRevLett.104.208101

Author(s): Prindle, A (Prindle, Arthur); Hasty, J (Hasty, Jeff) Title: Stochastic Emergence of Groupthink Source: SCIENCE, 328 (5981): 987-988 MAY 21 2010 ISSN: 0036-8075 DOI: 10.1126/science.1190372

Author(s): Cookson, NA (Cookson, Natalie A.); Cookson, SW (Cookson, Scott W.); Tsimring, LS (Tsimring, Lev S.); Hasty, J (Hasty, Jeff) Title: Cell cycle-dependent variations in protein concentration Source: NUCLEIC ACIDS RESEARCH, 38 (8): 2676-2681 MAY 2010 ISSN: 0305-1048 DOI: 10.1093/nar/gkp1069

Author(s): Castro-Longoria, E (Castro-Longoria, Ernestina); Ferry, M (Ferry, Michael); Bartnicki-Garcia, S (Bartnicki-Garcia, Salomon); Hasty, J (Hasty, Jeff); Brody, S (Brody, Stuart) Title: Circadian rhythms in *Neurospora crassa*: Dynamics of the clock component frequency visualized using a fluorescent reporter Source: FUNGAL GENETICS AND BIOLOGY, 47 (4): 332-341 APR 2010 ISSN: 1087-1845 DOI: 10.1016/j.fgb.2009.12.013

Author(s): Danino, T (Danino, Tal); Mondragon-Palomino, O (Mondragon-Palomino, Octavio); Tsimring, L (Tsimring, Lev); Hasty, J (Hasty, Jeff) Title: A synchronized quorum of genetic clocks Source: NATURE, 463 (7279): 326-330 JAN 21 2010 ISSN: 0028-0836 DOI: 10.1038/nature08753

Author(s): Cookson, NA (Cookson, Natalie A.); Tsimring, LS (Tsimring, Lev S.); Hasty, J (Hasty, Jeff) Title: The pedestrian watchmaker: Genetic clocks from engineered oscillators Source: FEBS LETTERS, 583 (24): 3931-3937 Sp. Iss. SI DEC 17 2009 ISSN: 0014-5793 DOI: 10.1016/j.febslet.2009.10.089

Author(s): Bennett, MR (Bennett, Matthew R.); Hasty, J (Hasty, Jeff) Title: Microfluidic devices for measuring gene network dynamics in single cells Source: NATURE REVIEWS GENETICS, 10 (9): 628-638 SEP 2009 ISSN: 1471-0056 DOI: 10.1038/nrg2625

Author(s): Bennett, MR (Bennett, Matthew R.); Hasty, J (Hasty, Jeff) Title: Overpowering the component problem Source: NATURE BIOTECHNOLOGY, 27 (5): 450-451 MAY 2009 ISSN: 1087-0156 DOI: 10.1038/nbt0509-450

Author(s): Mather, W (Mather, William); Bennett, MR (Bennett, Matthew R.); Hasty, J (Hasty, Jeff); Tsimring, LS (Tsimring, Lev S.) Title: Delay-Induced Degradation and Fire Oscillations in Small Genetic

CircuitsSource: PHYSICAL REVIEW LETTERS, 102 (6): Art. No. 068105 FEB 13 2009ISSN: 0031-9007Article Number: 068105DOI: 10.1103/PhysRevLett.102.068105

Author(s): Friedman EB, Sun Y, Moore JT, Hung HT, Meng QC, Perera P, Joiner WJ, ThomasSA, Eckenhoff RG, Sehgal A, Kelz MB. A conserved behavioral state barrier impedestransitions between anesthetic-induced unconsciousness and wakefulness: evidence for neural inertia. PLoS One. 2010 Jul 30;5(7):e11903. PubMed PMID: 20689589;PubMed Central PMCID: PMC2912772.

Author(s): Wu MN, Joiner WJ, Dean T, Yue Z, Smith CJ, Chen D, Hoshi T, Sehgal A, Koh K.SLEEPLESS, a Ly-6/neurotoxin family member, regulates the levels, localizationand activity of Shaker. Nat Neurosci. 2010 Jan;13(1):69-75. Epub 2009 Dec 13.PubMed PMID: 20010822; PubMed Central PMCID: PMC2842941.

* Entries marked by an asterisk acknowledge CCB

CONFERENCE PAPERS (0)

WEB PUBLICATIONS (0)

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OTHER (0)
