XIXth Annual Meeting of the Society for the Study of Ingestive Behavior

July 12 - 16, 2011
Clearwater, Florida
MARK YOUR CALENDARS

SSIB 2012 | July 10 - 14
ETH Zurich - Zurich, Switzerland

SSIB 2013 | July 30 - Aug 3
The Roosevelt - New Orleans, LA, USA

SSIB 2014 - July 29 - Aug 2
The Westin Seattle - Seattle, WA, USA
TABLE OF CONTENTS

XIXth Annual Meeting of the Society for the Study of Ingestive Behavior

PRESIDENT’S MESSAGE 2
GENERAL INFORMATION 4
OFFICERS & BOARD MEMBERS 6
COMMITTEES 7
EXHIBITOR/SPONSOR DIRECTORY 9
VENUE MAP 12
INSTRUCTIONS TO ORAL PRESENTERS 14
INSTRUCTIONS TO POSTER PRESENTERS 15
AWARD RECIPIENTS 16
PROGRAM SUMMARY 17
TUESDAY - JULY 12 23
WEDNESDAY - JULY 13 24
THURSDAY - JULY 14 34
FRIDAY - JULY 15 43
SATURDAY - JULY 16 53
AUTHOR INDEX 57
PRE-REGISTRANT DIRECTORY 62
ADS 74
NOTES 82

Society for the Study of Ingestive Behavior
Dear SSIB Community:

Welcome to Clearwater, Florida for the 19th annual Society for the Study of Ingestive Behavior meeting. Once again we have a full schedule with a diverse set of presentations organized by our stellar program committee led by Alan Watts, and Matthew Hayes and Suzanne Higgs as Track 1 and 2 sub-chairs on the Program committee. There are seven symposia with topics ranging from neurochemical control of food intake to intestinal cell/microbial interactions that influence body weight to interactions of food intake and drugs of abuse. The oral and poster presentations represent all of scientific tracks and include new behavioral and basic technologies needed to answer our most critical questions. The program committee has invited four individuals to deliver the Mars lectures dealing with some of the most pressing topics of health and wellness including pediatric obesity, pleasure and reward signal processing and the ongoing discussion of biology, behavior and our environment. There are also sessions dedicated to professional development, meet the professor, and industry-sponsored lunches.

As always, we received many outstanding submissions for our new investigator awards. We owe thanks to President-Elect Thomas Lutz and his awards committee for choosing an excellent group of new investigators. Also, Thomas and his colleagues have chosen a well deserved group of award winners. This year we have a new award, the Hoebel Award for Creativity which was granted to Anthony Sclafani for his lifetime of innovative work related to ingestive behavior.
The winner of our Distinguished Career Award, Bartley Hoebel, has contributed deeply to our understanding of neurotransmitters and reward pathways involved in ingestive behavior for five decades. The winner of the Alan N. Epstein Reward Award is Jeff Brunstrom from the University of Bristol for his work on dietary behavior and food choice. The winner of the Gerard P. Smith Award for best graduate student presentation and the winner of the Best Postdoctoral Fellow will be announced at our celebratory Banquet. The latter awards are determined based on the student/postdoctoral presentations at the meeting.

As always, we are thankful for the dedication of our board, committee members and executive manager Jamie Price (SPLtrak). We also thank the generous financial support of our members, government grants and industry sponsors.

I look forward to spending an enriched week of learning, discovery and networking with all of you.

Best Regards,

Allen Levine
SSIB President
GENERAL INFORMATION

DATES
The XIXth Annual Meeting of the Society for the Study of Ingestive Behavior begins Tuesday, July 12, 2011, and adjourns Saturday, July 16, 2011.

CONFERENCE VENUE
Sheraton Sand Key Resort
1160 Gulf Blvd.
Clearwater, FL 33767
Reservations: (727) 595-1611

REGISTRATION INFORMATION
Name badges and final programs will be distributed at the Registration Desk. The Registration Desk is located in Lobby 2 and will be open during the following hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>4:00 PM - 8:00 PM</td>
</tr>
<tr>
<td>Wednesday</td>
<td>7:30 AM - 6:00 PM</td>
</tr>
<tr>
<td>Thursday</td>
<td>7:45 AM - 6:00 PM</td>
</tr>
<tr>
<td>Friday</td>
<td>7:45 AM - 6:00 PM</td>
</tr>
<tr>
<td>Saturday</td>
<td>7:45 AM - 5:00 PM</td>
</tr>
</tbody>
</table>

SPEAKER READY AREA
The speaker ready area will be available to all oral presenters to both preview and edit your presentations if necessary. The speaker ready area is located at the Registration Desk. Additional information for Oral and Poster Presenters may be found on pages 14-15.

NO PHOTOGRAPHY POLICY
The Organizing Committee has decided that photography is not allowed except for official conference photographers.

MOBILE (CELLULAR) TELEPHONES
As a courtesy to others, please switch off mobile telephones during all sessions.

LOST AND FOUND
All lost and found articles will be held at the conference registration desk.
COFFEE BREAKS
Coffee and soda breaks will be available each morning and afternoon in the Exhibit Hall (Island Ballroom).

EXHIBITS
The Exhibit Hall is located in the Island Ballroom on Level 1 of the Sheraton Hotel and will be open during the following hours:

Wednesday, July 13
7:30 AM – 8:15 AM  (Breakfast)
10:30 AM – 11:00 AM  (Coffee Break)
12:00 PM – 1:30 PM  (Lunch)
3:30 PM – 4:00 PM  (Coffee Break)
6:00 PM – 8:00 PM  (Poster Session)

Thursday, July 14
7:45 AM – 8:30 AM  (Breakfast)
10:30 AM – 11:00 AM  (Coffee Break)
12:00 PM – 2:00 PM  (Lunch)
4:00 PM – 4:30 PM  (Coffee Break)
6:00 PM – 8:00 PM  (Poster Session)

Friday, July 15
7:45 AM – 8:30 AM  (Breakfast)
10:30 AM – 11:00 AM  (Coffee Break)
12:00 PM – 4:00 PM  (Lunch)
6:00 PM – 8:00 PM  (Poster Session)

Saturday, July 16
7:45 AM – 8:30 AM  (Breakfast)
10:30 AM – 11:00 AM  (Coffee Break)
12:00 PM – 2:30 PM  (Lunch)
SSIB OFFICERS

Allen Levine, Ph.D.
University of Minnesota, CFANS
PRESIDENT

Thomas Lutz, Ph.D.
Vetsuisse Faculty
University of Zurich
PRESIDENT-ELECT

Marion Hetherington, D.Phil.
University of Leeds
PAST-PRESIDENT

Suzanne Higgs, Ph.D.
University of Birmingham
SECRETARY

Ruth Harris, Ph.D.
Georgia Health Sciences University
TREASURER

SSIB BOARD MEMBERS

Joanne Cecil, Ph.D.
University of St. Andrews

Derek Daniels, Ph.D.
University of Buffalo, SUNY

Allan Geliebter, Ph.D.
St. Luke’s-Roosevelt Hospital

Alan Kim Johnson, Ph.D.
University of Iowa

Harry R. Kissileff, Ph.D.
Columbia University
(Honorary Board Member)

Ellen Ladenheim, Ph.D.
Johns Hopkins University

David Levitsky, Ph.D.
Cornell University

Clare Mathes, Ph.D.
Florida State University
(Student Representative)

Daniel Tome, Ph.D.
AgroParis Tech

Martin R. Yeomans, Ph.D.
University of Sussex
SSIB 2011 PROGRAM CHAIR

Alan Watts, Ph.D.
University of Southern California
Los Angeles, CA, USA

SSIB 2011 PROGRAM COMMITTEE

Track Chairs

Matt Hayes, Ph.D.
University of Pennsylvania, Philadelphia, PA, USA
2012 - TRACK 1 CHAIR

Suzanne Higgs, Ph.D.
University of Birmingham, Birmingham, UK
2012 - TRACK 2 CHAIR

Committee Members

Derek Daniels, Ph.D.
University of Buffalo, Buffalo, NY, USA
2012

Harvey Grill, Ph.D.
University of Pennsylvania, Philadelphia, PA, USA
2011

Christine Feinle-Bisset, Ph.D.
University of Adelaide, Adelaide, Australia
2011

Tanja Kral, Ph.D.
University of Pennsylvania, Philadelphia, PA, USA
(2012)

Mitch Roitman, Ph.D.
University of Illinois at Chicago, IL, USA
2013

Kellie Tamashiro, Ph.D.
Johns Hopkins University, Baltimore, MD, USA
2012

Jennifer Temple, Ph.D.
University of Buffalo, Buffalo, NY, USA
2012
LONG RANGE PLANNING COMMITTEE

Wolfgang Langhans, DVM
ETH
Zurich, Switzerland
2011 - CHAIR

Kevin Grove, Ph.D.
Oregon Regional Primate Research Center
Beaverton, OR, USA
2011

Ruth Harris, Ph.D.
Georgia Health Sciences University
Augusta, GA, USA
2011

Barry Levin, M.D.
New Jersey Medical School
Newark, NJ, USA
2011

Maurizio Massi, Ph.D.
University of Camerino
Camerino, Italy
2011

Linda Rinaman, Ph.D.
University of Pittsburgh
Pittsburgh, PA, USA
2011
Mars, Incorporated, is a private, family-owned company founded in 1911 employing 70,000 associates at more than 300 sites. Mars, Incorporated is one of the world’s largest food companies operating in six segments that produce some of the world’s leading brands. Popular Mars, Incorporated brands include: Chocolate – M&M’S®, SNICKERS®, DOVE®, GALAXY®, MARS®, MILKY WAY® and TWIX®; Petcare – PEDIGREE®, WHISKAS®, SHEBA®, CESAR® and ROYAL CANIN®; Wrigley – ORBIT®, EXTRA®, STARBURST®, DOUBLEMINT® and SKITTLES®; Food – UNCLE BEN’S®, DOLMIO®, EBLY®, MASTERFOODS® and SEEDS OF CHANGE®; Drinks – KLIX® and FLAVIA®; Symbioscience – WISDOM PANELTM MX, SERAMIS®, and COCOAPROTM.

Ajinomoto is a globally recognized leader in food and amino acid production technology. Using the potential of amino acids like glutamate, our goal is not merely to make food everywhere taste better, but to take a scientific approach to improving diets for wellness and seek out solutions to the nutritional, medical and environmental issues we all face.

Amylin Pharmaceuticals is a biopharmaceutical company dedicated to improving lives of patients through the discovery, development and commercialization of innovative medicines. Amylin has developed and gained approval for two first-in-class medicines for diabetes, SYMLIN® (pramlintide acetate) injection and BYETTA® (exenatide) injection. Further information about Amylin is available at www.amylin.com.

The Coca-Cola Company is the world’s largest beverage company, refreshing consumers in more than 200 countries with more than 500 sparkling and still brands. We provide great-tasting beverages and believe in offering options so people can decide which of our beverages best suit their needs and lifestyle. Our beverage portfolio includes the world’s most valuable brand, Coca-Cola, as well as Fanta®, Sprite®, glaceau vitaminwater™, Powerade®, Minute Maid®, and Simply®. Globally, we are the No. 1 provider of sparkling beverages, juices and juice drinks and ready-to-drink teas and coffees. We offer more than 800 low- and no-calorie products, and we continue to build our innovation pipeline to meet consumers’ needs for enjoyment, nutrition, refreshment and hydration.
Corn Products International, Inc. is a leading global ingredient provider to the food, beverage, brewing and pharmaceutical industries as well as numerous industrial sectors. The Company produces ingredients that provide valuable solutions to customers in approximately 50 countries. For more information, visit www.cornproducts.com.

Elsevier publishes high quality books and journals including Appetite and Physiology & Behavior. Elsevier also organises a wide range of scientific conferences, and these events are supported by our journals. www.elsevier.com

GlaxoSmithKline Consumer Healthcare is one of the world’s largest over-the-counter consumer healthcare products companies. Its more than 30 well-known brands include alli®, the only FDA-approved over-the-counter weight loss medicine; the leading smoking cessation products, Nicorette® and NicoDerm® CQ; as well as many medicine cabinet staples, including Abreva®, Aquafresh®, Sensodyne®, Tums®, and Breathe Right®.

National Starch Food Innovation, part of Corn Products International, is a leading global supplier of nature-based functional and nutritional ingredient solutions to the food and beverage industries. We succeed when we connect our deep understanding of the science and art of starch and its many applications with a relentless drive toward market-shaping innovation. We call this powerful combination STARCHOLOGY™. Every day, we focus on starch — from its origin in nature to its application in industry — to advance the frontiers of knowledge for the mutual benefit of our customers and our company. For more information, visit www.foodinnovation.com

Headquartered in Denmark, Novo Nordisk is a global healthcare company with 87 years of innovation and leadership in diabetes care. The company also has leading positions within haemophilia care, growth hormone therapy and hormone replacement therapy. For more information, visit novonordisk.com.
PepsiCo offers the world’s largest portfolio of billion-dollar food and beverage brands, including 19 different product lines that each generates more than $1 billion in annual retail sales. Our main businesses - Frito-Lay, Quaker, Pepsi-Cola, Tropicana and Gatorade - also make hundreds of other nourishing, tasty foods and drinks that bring joy to our consumers in more than 200 countries.

Research Diets, Inc. formulates and produces purified OpenSource Diets™ for laboratory animals. Our nutritionists consult on custom diet formulations. The BioDAQ® Food & Water Intake Monitor controls spillage, mounts to home cage, and records the time, duration, and amount of each meal automatically. Data is interpreted using our DataViewer software.

Bristol-Myers Squibb is a global biopharmaceutical company firmly focused on its mission is to discover, develop and deliver innovative medicines that help patients prevail against serious diseases. Around the world, our medicines help millions of people in their fight against such diseases as cancer, cardiovascular disease, diabetes, hepatitis B, HIV/AIDS, psychiatric disorders and rheumatoid arthritis.

Unilever meets needs for nutrition, hygiene, and personal care of 2 billion consumers daily. Our world-leading science and technology capabilities and thorough understanding of global health issues is used to optimize the nutritional profile of our foods portfolio, drive innovation, and provide a solid scientific underpinning for product benefits.
INSTRUCTIONS TO ORAL PRESENTERS

OVERVIEW

Speakers may bring their presentations to the Registration Area on any of the following mediums:

CD-ROM
DVD-ROM
USB Storage Device
A Laptop (additional time will be required for data transfer)

If your talk contains multimedia files, please be sure to bring those files to the conference in case they have to be re-inserted into your presentation.

AT THE MEETING

Speakers are required to check-in at the Speaker Ready Area prior to their session and should arrive at least 15 minutes prior to their session to introduce themselves to the session chair. If you are unavoidably delayed, please go directly to the session room. DO NOT BRING YOUR LAPTOP to the session room. A/V staff will not be able to connect your laptop.

The computers in the presentation rooms will be Microsoft Windows-based computers with Microsoft PowerPoint (Office 2007 version) installed. PowerPoint (.ppt or .pptx) is the required program for all users. [Please note that Internet access will not be available during your presentation or in the Speaker Ready Area.]

A NOTE TO APPLE MACINTOSH USERS

Mac users should not use “drag-and-drop” to insert pictures and video files. Most problems, such as the infamous “red x” are the result of this. Using the “INSERT” command from the menu will virtually eliminate these issues. The PowerPoint file must have the .ppt or .pptx suffix to be accepted. As noted above, QuickTime movies (.MOV) must be converted to a PC compatible format before submission. A/V staff will be available to assist with conversion in the speaker ready room.
INSTRUCTIONS TO POSTER PRESENTERS

As a Poster Presenter you have the following responsibilities while at the meeting:

1. Find your assigned poster session and number using the author index that begins on Page 57.

There are three poster sessions:

Poster Session 1
Wednesday 6:00 PM - 8:00 PM

Poster Session 2
Thursday 6:00 PM - 8:00 PM

Poster Session 3
Friday 6:00 PM - 8:00 PM

2. Mount your poster ON THE DAY of your presentations between 7:45 AM and 6:00 PM. Please note that all posters must be mounted before each poster session begins. Poster sessions will be in the Island Ballroom.

3. Be present at your poster during the poster session to present your work.

4. Remove your poster at the conclusion of the poster session. Any posters not removed at the conclusion of the poster session may be discarded.

Please visit the Registration Desk if you have any questions regarding your presentation.
AWARD RECIPIENTS

DISTINGUISHED CAREER AWARD

BARTLEY HOEBEL, PH.D.
Princeton University

Bart Hoebel, a Princeton professor of psychology and the Princeton Neuroscience Institute who became internationally known for his research on food addiction, died of cancer Saturday, June 11, 2011 in Princeton, surrounded by family and friends. He was 76. Bart was loved by all within the SSIB community and will be sincerely missed.

ALAN N. EPSTEIN RESEARCH AWARD

JEFFREY BRUNSTROM, PH.D.
University of Bristol

HOEBEL PRIZE FOR CREATIVITY

ANTHONY SCLAFAJNI, PH.D.
Department of Psychology
Brooklyn College
NEW INVESTIGATOR TRAVEL AWARDS (NITA)  
(listed alphabetically)

C Barbier  
UC Davis School of Veterinary Medicine, USA

C Boyle, Ph.D.  
University of Zurich, Switzerland

A deKloet  
University of Cincinnati, OH, USA

N Dipatrizio, Ph.D.  
University of California, Irvine, USA

S Evers  
University of Groningen, Netherlands

D Ferriday  
University of Bristol, UK

M Punjabi  
ETH Zurich, Switzerland

F Rutters, Ph.D.  
Maastricht University, Netherlands

K Skibicka, Ph.D.  
Sahlgrenska Academy, Sweden

B Sun  
Johns Hopkins University, USA

Sponsored by Novo Nordisk
PROGRAM SUMMARY - TUESDAY

Tuesday, July 12

REGISTRATION OPENS
4:00 - 8:00 PM (Lobby 2)

OPENING RECEPTION
6:00 - 8:00 PM (Poolside Grass)
PROGRAM SUMMARY - WEDNESDAY

Wednesday, July 13

BREAKFAST
7:30 - 8:15 AM (ISLAND BALLROOM)

OPENING GREETINGS
8:15 - 8:30 AM (GRAND BALLROOM)

SYMPOSIUM 1: COGNITIVE INHIBITORY CONTROL OF FEEDING
8:30 - 10:30 AM (GRAND BALLROOM)

COFFEE BREAK
10:30 - 11:00 AM (ISLAND BALLROOM)

MARS LECTURE: LINKAGES BETWEEN BIOLOGY, BEHAVIOR, AND ENVIRONMENT IN THE DEVELOPMENT OF OBESITY
11:00 - 12:00 PM (GRAND BALLROOM)

AJINOMOTO LUNCH
(PRE-REGISTRATION REQUIRED)
12:00 - 1:30 PM (SAND KEY ROOM)

NEW INVESTIGATOR TRAVEL AWARDS
1:30 - 3:30 PM (GRAND BALLROOM)

COFFEE BREAK
3:30 - 4:00 PM (ISLAND BALLROOM)

SYMPOSIUM 2: NEW PERSPECTIVES ON THE DEVELOPMENT OF FLAVOR PREFERENCES
4:00 - 6:00 PM (GRAND BALLROOM)

POSTER SESSION 1
6:00 - 8:00 PM (ISLAND BALLROOM)
PROGRAM SUMMARY - THURSDAY

Thursday, July 14

BREAKFAST
7:45 - 8:30 AM (ISLAND BALLROOM)

ORAL SESSION 1: LEARNING, MEMORY, AND STRESS
8:30 - 10:15 AM (BEACH/GULF)

SYMPOSIUM 3: GLP-1: CELLULAR, NEURAL, AND BEHAVIORAL MECHANISMS IN FOOD INTAKE
8:30 - 10:30 AM (PALM/BAY)

COFFEE BREAK
10:30 - 11:00 AM (ISLAND BALLROOM)

MARS LECTURE: THE LEPTIN SIGNALING CASCADE AND PEDIATRIC OBESITY
11:00 - 12:00 PM (GRAND BALLROOM)

PROFESSIONAL DEVELOPMENT
12:15 - 1:45 PM (SAND KEY ROOM)

SYMPOSIUM 4: PRESIDENTIAL SYMPOSIUM: NEUROCHEMICAL MECHANISMS AND THE CONTROL OF FOOD INTAKE
2:00 - 4:00 PM (GRAND BALLROOM)

COFFEE BREAK
4:00 - 4:30 PM (ISLAND BALLROOM)

ORAL SESSION 2: DEVELOPMENTAL AND SOCIAL INFLUENCES ON INGESTIVE BEHAVIOR
4:30 - 6:00 PM (BEACH/GULF)

SYMPOSIUM 5: DIET-DRIVEN CHANGES IN INTESTINAL CELL DYNAMICS
4:30 - 6:00 PM (PALM/BAY)

POSTER SESSION 2
6:00 - 8:00 PM (ISLAND BALLROOM)
PROGRAM SUMMARY - FRIDAY

Friday, July 15

BREAKFAST
7:45 - 8:30 AM (ISLAND BALLROOM)

ORAL SESSION 3: REWARD AND MOTIVATION
8:30 - 10:30 AM (BEACH/GULF)

SYMPOSIUM 6: DECISION MAKING IN HUMAN EATING BEHAVIOR
8:30 - 10:30 AM (PALM/BAY)

COFFEE BREAK
10:30 - 11:00 AM (ISLAND BALLROOM)

MARS LECTURE: PLEASURE PRINCIPLES FOR FOOD INTAKE
11:00 - 12:00 PM (GRAND BALLROOM)

INDUSTRY SYMPOSIUM & LUNCH
(INVITATION ONLY)
12:30 - 2:30 PM (SAND KEY ROOM)

ORAL SESSION 4: TASTE, FLAVOR PREFERENCE, AND FLUID INTAKE
4:00 - 6:00 PM (BEACH/GULF)

ORAL SESSION 5: GASTROINTESTINAL INFLUENCES AND INGESTIVE BEHAVIORS
4:00 - 5:45 PM (PALM/BAY)

POSTER SESSION 3
6:00 - 8:00 PM (ISLAND BALLROOM)
PROGRAM SUMMARY - SATURDAY

Saturday, July 16

BREAKFAST
7:45 - 8:30 AM (ISLAND BALLROOM)

ORAL SESSION 6: ASSORTED TOPICS IN INGESTIVE BEHAVIOR AND OBESITY
8:30 - 10:30 AM (BEACH/GULF)

SYMPOSIUM 7: FOOD INTAKE AND REWARD: INSIGHTS FROM DRUG AND ALCOHOL-SEEKING BEHAVIORS
8:30 - 10:30 AM (PALM/BAY)

COFFEE BREAK
10:30 - 11:00 AM (ISLAND BALLROOM)

MARS LECTURE: NEURONAL REWARD PROCESSING
11:00 - 12:00 PM (GRAND BALLROOM)

MEET THE PROFESSOR LUNCH
12:30 - 2:30 PM (REGISTRATION DESK)

AWARDS SESSION
2:30 - 4:15 PM (GRAND BALLROOM)

BUSINESS MEETING
4:15 - 5:15 PM (GRAND BALLROOM)

CONFERENCE BANQUET
7:00 - 11:00 PM (GRAND BALLROOM)
TUESDAY, JULY 12 - PM

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 - 8:00 PM</td>
<td>Lobby 2</td>
<td>Registration Opens</td>
</tr>
<tr>
<td>6:00 - 8:00 PM</td>
<td>Poolside Grass</td>
<td>Opening Reception</td>
</tr>
</tbody>
</table>
WEDNESDAY, JULY 13 - AM

7:30 - 8:15 AM Island Ballroom

Breakfast

8:15 - 8:30 AM Grand Ballroom

Opening Greetings

8:30 - 10:30 AM Grand Ballroom

Symposium 1: Cognitive Inhibitory Control of Feeding

Chair(s): Terry Davidson, Purdue University

8:30  Neurohormonal and dietary influences on hippocampal-dependent inhibitory controls of food intake
S.E. KANOSKI
University of Pennsylvania, Philadelphia, PA, USA

9:00  Differential encoding of cues in nucleus accumbens predicts behavioral inhibition.
JD ROITMAN, AL LORIAUX, MF ROITMAN
Univ of Illinois at Chicago, Chicago, IL, USA

9:30  Modeling impulse controls deficits: relevance for addictive behaviors?
CA WINSTANLEY
UBC, Vancouver, BC, Canada

10:00 The role of ghrelin in hippocampal dependent cognitive processes
SC BENOIT
Univ of Cincinnati, Cincinnati, OH, USA

10:30 - 11:00 AM Island Ballroom

Coffee Break
WEDNESDAY, JULY 13 - AM

11:00 - 12:00 PM  Grand Ballroom

Mars Lecture: Linkages Between Biology, Behavior, And Environment In The Development Of Obesity

Chair(s): Tanja Kral, University of Pennsylvania

11:00 5

Linkages between biology, behavior, and environment in the development of obesity
P GORDON-LARSEN
UNC, Chapel Hill, NC, USA

Mars Incorporated is proud to sponsor the Society for the Study of Ingestive Behavior Mars Lecture Series 2011 and wish every success for this event.

12:00 - 1:30 PM Sand Key Room

Ajinomoto Lunch (Pre-registration required)
WEDNESDAY, JULY 13 - PM

1:30 - 3:30 PM  Grand Ballroom

New Investigator Travel Awards

Sponsored by Novo Nordisk

Chair(s): Thomas Lutz, University of Zurich

1:30  
6  
Chronic administration of low dose bacterial lipopolysaccharide (LPS) inhibits cholecystokinin (CCK)-induced satiation  
C BARBIER DE LA SERRE, G DE LARTIGUE, J SHARP, H RAYBOULD  
Dept of Anatomy, Physiology and Cell Biology, UC Davis School of Veterinary Medicine, Davis, CA, USA

1:45  
7  
Intestinal endocannabinoid metabolism mediates the cephalic control of dietary fat intake  
NV DIPATRIZIO¹, D PIOMELLI¹,²  
¹Dept of Pharmacology, Univ of California, Irvine, CA, USA, ²Unit of Drug Discovery and Development, Italian Institute of Technology, Genoa, Italy

2:00  
8  
The metabolic effects of Olanzapine and Topiramate in rats and humans  
SS EVERS¹, G VAN DIJK¹, A VAN VLIET², AJW SCHEURINK¹  
¹University of Groningen, Groningen, Netherlands, ²PRA International, Zuidlaren, Netherlands

2:15  
9  
Involvement of the histaminergic system in amylin and leptin action  
CN BOYLE, D STÖCKER, TA LUTZ  
University of Zürich, Zürich, Switzerland

2:30  
10  
Inter-individual relationships between energy balance and percentage SWS + REM sleep of total sleeping time in normal weight men measured over 48h in controlled conditions in the respiration chamber  
F RUTTERS, HK GONNISSEN, R HURSEL, SL LEMMENS, EA MARTENS, MS WESTERTERP-PLANTENGA  
Maastricht University, Maastricht, Netherlands

2:45  
11  
Neural mechanisms of the eating-inhibitory effect of circulating glucagon-like peptide-1 (GLP-1) in rats  
M PUNJABI¹, M GRABER¹, M KOSS¹, M ARNOLD¹, T LUTZ², W LANGHANS¹, G PACHECO-LóPEZ¹  
¹Physiology and Behaviour Laboratory, ETH Zurich, Zurich, Switzerland, ²Institute of Veterinary Physiology, University of Zurich, Zurich, Switzerland
WEDNESDAY, JULY 13 - PM

3:00
12
Exendin-4 decreases food reward and directly targets the mesolimbic circuitry
KP SKIBICKA, SL DICKSON
Sahlgrenska Academy, GU, Sweden

3:15
13
Maternal high fat diet during gestation or suckling alters offspring leptin sensitivity prior to weaning
B. SUN¹,², R.H. PURCELL¹, E.R. EWALD¹, J.Q. YAN³, T.H. MORAN¹, K.L. TAMASHIRO¹
¹Dept. of Psychiatry & Behavioral Sciences, Johns Hopkins Univ., Baltimore, MD, USA, ²Dept. of Physiology & Pathophysiology, Xi’an Jiaotong Univ. School of Medicine, Xi’an, China

3:30 - 4:00 PM Island Ballroom

Coffee Break

4:00 - 6:00 PM Grand Ballroom

Symposium 2: New Perspectives on the Development of Flavor Preferences

Chair(s): Suzanne Higgs, University of Birmingham, UK

4:00
14
Flavor conditioning by nutrients in the gut
A SCLAFANI
Brooklyn College of CUNY, Brooklyn, NY, USA

4:30
15
Metabolic sensing in brain dopamine systems
I. E DE ARAUJO¹,²
¹The J. B. Pierce Laboratory/Yale Univ, New Haven, CT, USA, ²Department of Psychiatry Yale University School of Medicine, New Haven, CT, USA

5:00
16
Strategies for increasing children’s knowledge and liking of healthful foods
CA FORESTELL
The College of William & Mary, Williamsburg, VA, USA

5:30
17
Understanding the nature of the reinforcer in human flavour-nutrient learning
MR YEOMANS
School of Psychology, University of Sussex, Brighton, United Kingdom
**WEDNESDAY POSTER SESSION 1**

**Poster Session 1**

**WEDNESDAY, JULY 13 - POSTERS**

6:00 - 8:00 PM Island Ballroom

**Poster Session 1**

100’s Gut-to-brain / Hindbrain Processing and Hindbrain / Forebrain Comparisons

200’s Exercise / Physical Activity / Energy Expenditure

300’s GLP-1

400’s GI Nutrients / GI Adaptations

**P100 18**

**Inhibitory effects of insulin in the dorsal motor nucleus of the vagus**

CB BLAKE, BN SMITH

*Department of Physiology, College of Medicine, University of Kentucky, Lexington, KY, USA*

**P101 19**

**Nutrient induced gut-to-brain signalling in humans**

CE BRYANT, S MCKIE, RM CASE, JT MCLAUGHLIN

*School of Medicine, University of Manchester, United Kingdom*

**P102 20**

**POMC-PTP1B-/- mice show increased sensitivity to hindbrain MTII-induced reductions of food intake.**

BC DE JONGHE, MR HAYES, SE KANOSKI, A BALDUZZI, HJ GRILL, KK BENCE

*University of Pennsylvania, Philadelphia, PA, USA*

**P103 21**

**Opposing effects of low dose leptin infusions into the 3rd or 4th ventricle on energy intake and body fat mass**

RBS HARRIS

*Georgia Health Sciences University, Augusta, GA, USA*

**P104 22**

**Lithium chloride induces nuclear activation of transducer of regulated CREB (TORC) in the rat hindbrain**

A KIMBROUGH, TA HOUPHT

*Florida State University, Biological Science, Neuroscience, Tallahassee, FL, USA*

**P105 23**

**Modulation of gastrin-releasing peptide signaling by neuropeptide Y**

EE LADENHEIM, S BI, TH MORAN

*Johns Hopkins University School of Medicine, Baltimore, MD, USA*

**P106 24**

**Amylin induced ERK 1/2 phosphorylation may contribute to its eating inhibitory effect**

C.S. POTES, T. RIEDIGER, T.A. LUTZ

*Institute of Veterinary Physiology, University of Zurich, Zurich, Switzerland*
25 NTS leptin signaling contributes to meal size control and suppression of food intake by intestinally-derived satiation signals
S. ZHAO¹, S.E. KANOSKI¹, D.J. GUARNIERI², R.J. DILEONE², M.R. HAYES¹, H.J. GRILL¹
¹Univ. of Pennsylvania, Philadelphia, PA, USA,
²Yale, New Haven, CT, USA

26 Structural and functional dissection of the central connections of hindbrain A1 and A2 noradrenergic (NA) cell groups
H. ZHENG, L. RINAMAN
Univ. of Pittsburgh, Pittsburgh, PA, USA

27 The sensitivity of AP neurons to amylin and GLP-1 is modulated by the feeding status
D ZüGER, K FORSTER, TA LUTZ, T RIEDIGER
University of Zurich, Institute of Veterinary Physiology, Zurich, Switzerland

28 Activity-based anorexia mouse model reveals signaling crosstalk between C1q/TNF-related protein-13 (CTRP13) and Brain-derived Neurotrophic factor (BDNF)
MS BYERLY, M SELDIN, R SWANSON, GW WONG
aDepartment of Physiology and Center for Metabolism and Obesity Research, Johns Hopkins University Schools of Medicine, Baltimore, MD, USA

29 Lack of evidence of sucrose or saccharin addiction based on naltrexone effects on locomotor activity
BA GOSNELL¹, A MITRA¹, AS LEVINE¹,²
¹University of Minnesota, St. Paul, MN, USA,
²Minnesota Obesity Center, St. Paul, MN, USA

30 Voluntary exercise, food demand, and weight loss in middle-aged mice with dietary obesity
NE ROWLAND, KL ROBERTSON, V KWIAKTOWSKI, EMC CADIZ, JP KENNEY, D ATALAYER
University of Florida, Gainesville, FL, USA

31 Effects of exercise on meal related gut hormone responses and CCK sensitivity
ME SMITH, N-C LIANG, TH MORAN
Johns Hopkins University School of Medicine, Baltimore, MD, USA

32 Wheel running and caloric restriction recruit distinct hypothalamic transcriptional profiles in wildtype and leptin receptor deficient mice
AM STRANAHAN¹, W CHADWICK², Y ZHOU², S PARK², L WANG², K BECKER², W WOOD², Y ZHANG², B MARTIN², S MAUDSLEY²
¹Georgia Health Sciences University, Augusta, GA, USA,
²National Institute on Aging, Baltimore, MD, USA
Neither basal energy expenditure under low fat feeding nor TEF and RQ responses to a low- or high-fat test meal identify high fat sensitive rats

D TOME, N NADKARNI, G FROMENTIN, C CHAUMONTET, D AZZOUT-MARNICHE, PC EVEN
AgroParisTech-INRA, Nutrition Physiology and Ingestive Behavior, Paris, France

Meal-induced increase in respiratory quotient but not basal energy expenditure or thermic effect of feeding can predict body fat gain sensitivity of rats to a low fat high carbohydrate diet

D TOME, N NADKARNI, G FROMENTIN, C CHAUMONTET, D AZZOUT-MARNICHE, PC EVEN
AgroParisTech, INRA, UMR 914 Nutrition Physiology and Ingestive Behavior, Paris, France

Exenatide regulates short-term control of food intake by different neuronal pathways

JV HUNT, MC WASHINGTON, AI SAYEGH
Gastroenterology Laboratory, Department of Biomedical Sciences, College of Veterinary Medicine, Tuskegee University, Tuskegee, AL, USA

Compound K induces GLP-1 release from the human enteroendocrine cell line NCI-H716

K KIM, K KIM
Korea Food Research Institute, Sungnam-si, South Korea

Impact of long chain fatty acids on sweet taste sensitivity in mice: role of the GPR120/GLP-1 signaling

C MARTIN¹, P PASSILLY-DEGRACE¹, SM SPARKS², DJ DRUCKER³, P BESNARD¹
¹U866 Inserm, University of Burgundy, Dijon, France, ²GSK Metabolic Pathways, Research Triangle Park, NC, USA, ³Mount Sinai Hospital, University of Toronto, Toronto, ON, Canada

Effect of liraglutide on intragastric pressure (IGP) and satiation during intragastric nutrient drink infusion in healthy volunteers

A. ROTONDO¹,², P. JANSSEN², J. TACK²
¹Dipartimento STEMBIO, Università di Palermo, Palermo, Italy, ²Translational Research Center for Gastrointestinal Disorders, KULeuven, Leuven, Belgium

High-fat diet induced impairment in exendin-4-induced anorexia emerges quickly and is reversed by return to chow diet

DL WILLIAMS, N LILLY
Florida State University, Tallahassee, FL, USA

A new animal model for intestinal lymph sampling for a new look at intestinal physiology

M ARNOLD, Y DAI, W LANGHANS
Physiology and Behaviour Laboratory, ETH Zurich, Switzerland
<table>
<thead>
<tr>
<th>Poster</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>P401</td>
<td>Hunger fluctuates during the interdigestive state in man</td>
<td>E. DELOOSE, P. JANSSSEN, L. VAN OUDENHOVE, O. VAN DEN BERGH, I. DEPOORTERE, J. TACK</td>
<td>TARGID, KULeuven, Leuven, Belgium</td>
</tr>
<tr>
<td>P402</td>
<td>Changes in satiation signaling in diet-induced obese (DIO) rats: diet versus phenotype</td>
<td>FA DUCA, TD SWARTZ, M COVASA</td>
<td>INRA, UMR 913 Neurobiology of Ingestive Behavior, Jouy-en-Josas, France</td>
</tr>
<tr>
<td>P403</td>
<td>Absence of gut microbiota increases lipid consumption in C57BL/6J germ-free mice</td>
<td>FA DUCA, TD SWARTZ, M COVASA</td>
<td>INRA, UMR 913 Neurobiology of Ingestive Behavior, Jouy-en-Josas, France</td>
</tr>
<tr>
<td>P404</td>
<td>Physiological role of leucine in the response to low and high protein diets</td>
<td>D FERNANDEZ, M TAGAHAVI, RJ MARTIN, SM HUTSON, CD MORRISON</td>
<td>1Pennington Biomedical Research Center, Baton Rouge, LA, USA, 2Virginia Polytechnic Institute and State University, Blacksburg, VA, USA</td>
</tr>
<tr>
<td>P405</td>
<td>Peripheral Y2 receptor activation inhibits gastric accommodation during intragastric nutrient infusion in rats</td>
<td>P. JANSSSEN, S. VERSCHUEREN, C. VAN HEIJNINGEN, J. TACK</td>
<td>Translational Research Center for Gastrointestinal Disorders, KULeuven, Leuven, Belgium</td>
</tr>
<tr>
<td>P406</td>
<td>Intragastric pressure is a major determinant of satiation</td>
<td>P. JANSSSEN, S. VERSCHUEREN, J. TACK</td>
<td>Translational Research Center for Gastrointestinal Disorders (TARGID), KULeuven, Leuven, Belgium</td>
</tr>
<tr>
<td>P407</td>
<td>Intragastric administration of the bitter agonist denatonium benzoate (DB) increases satiation in healthy volunteers</td>
<td>P. JANSSSEN, S. JANSSSEN, I. DEPOORTERE, J. TACK</td>
<td>TARGID, KULeuven, Leuven, Belgium</td>
</tr>
<tr>
<td>P408</td>
<td>Cholecystokinin knockout mice are resistant to high-fat diet-induced obesity</td>
<td>CM LO, M GEORGIEVSKY, SC WOODS, P TSO</td>
<td>1Department of Pathology and Laboratory Medicine, University of Cincinnati, Cincinnati, OH, USA, 2Department of Psychiatry, University of Cincinnati, Cincinnati, OH, USA</td>
</tr>
<tr>
<td>P409</td>
<td>Cholinergic mechanisms and the behavioral effects of dietary fat consumption</td>
<td>I MORGANSTERN, Z YE, C LIANG, SF LEIBOWITZ</td>
<td>The Rockefeller University, New York, NY, USA</td>
</tr>
</tbody>
</table>
Jejunal infusion of glucose decrease food intake in non-human primates through changes in meal frequency
EM OFELDT, NT BELLO, TH MORAN
Department of Psychiatry and Behavioral Science, Johns Hopkins University, Baltimore, MD, USA

How can lipid decrease food and energy intakes?
R RASOAMANANA, G FROMENTIN, D TOME, N NADKARNI, C CHAUMONTET, N DARCEL
AgroParisTech-INRA, UMR914 Nutrition Physiology and Ingestive Behavior, Paris, France

Effects of increasing loads of intraduodenal protein on antropyloroduodenal motility, plasma GLP-1 and energy intake in healthy males
AT RYAN1,2, A KALLAS1,2, PM CLIFTON1,2,3, JM WISHART1,2, M HOROWITZ1,2, C FEINLE-BISSET1,2, ND LUSCOMBE-MARSH1,2
1University of Adelaide Discipline of Medicine, Adelaide, Australia, 2NHMRC Centre of Clinical Research Excellence in Nutritional Physiology, Interventions and Outcomes, Adelaide, Australia, 3Baker IDI, Adelaide, Australia

Hepatic portal vein (HPV) peptide tyrosine-tyrosine (PYY) and meal-taking in rats
U STADLBAUER, M ARNOLD, M GRABER, W LANGHANS
ETH Zurich, Schwerzenbach, Switzerland

Rats display behavioral adaptation to a diet containing tannic acid
Florida State University, Tallahassee, FL, USA

Intestinal CD36: a lipid-sensor involved in the processing of chylomicrons in rodents
TTT TRAN1, H POIRIER1, L CLEMENT1, F NASSIR2, MMAL PELSERS3, V PETIT4, P DEGRACE1, MC MONNOT1, JFC GLATZ2, NA ABUMRAD2, P BESNARD1, I NIOT1
1UMR INSERM866 / AgroSup Dijon, Dijon, France, 2Washington University, St Louis, MO, USA, 3Maastricht University, Maastricht, Netherlands, 4U866 INSERM/Université de Bourgogne, Dijon, France

Mechanisms underlying the effectiveness of the adjustable gastric band
BJ OLDFIELD, A STEFANIDIS, J KAMPE
Monash University, Clayton, Australia
THURSDAY, JULY 14 - AM

7:45 - 8:30 AM Island Ballroom

Breakfast

8:30 - 10:15 AM Beach/Gulf

Oral Session 1: Learning, Memory, and Stress

Chair(s): Randall Sakai, University of Cincinnati

8:30  
Adaptive memory for food: behavioural evidence for a hunter-gatherer mind?
D FERRIDAY, PG LOVELL, JM BRUNSTROM  
Nutrition and Behaviour Unit, University of Bristol, Bristol, United Kingdom

8:45  
The role of the adipocyte glucocorticoid receptor in energy metabolism and HPA axis regulation
AD DE KLOET, EG KRAUSE, MB SOLOMON, JN FLAK, KA SCOTT, YM ULRICH-LAI, RR SAKAI, RJ SEELEY, JP HERMAN, SC WOODS  
University of Cincinnati, Cincinnati, OH, USA

9:00  
Hydration state controls stress responsiveness and social behavior
University of Cincinnati, Department of Psychiatry and Behavioral Neuroscience, Cincinnati, OH, USA

9:15  
Energy state cues overshadow auditory cues for the discriminative control of behavior
AA MARTIN, TL DAVIDSON  
Department of Psychological Sciences, Purdue University, 703 Third Street, West Lafayette, IN, USA

9:30  
Psychological stress and coping mechanisms: choices among food, physical activity, and television
KN BALANTEKIN, JN ROEMMICH  
University at Buffalo, Buffalo, NY, USA

9:45  
Antipsychotic drug induced metabolic dysfunction and its amelioration using zonisamide
A STEFANIDIS, MJ WATT, MA COWLEY, BJ OLDFIELD  
Monash University, Clayton, Australia

10:00  
Short- and long-term effects of olanzapine on food intake and hypothalamic gene expression in female rats
RH PURCELL, ER EWALD, K VOLK, B SUN, NC LIANG, TH MORAN, KLK TAMASHIRO  
1Dept. of Psychiatry and Behavioral Sciences, Johns Hopkins Univ., Baltimore, MD, USA, 2Dept. of Psychology, Haverford College, Haverford, PA, USA
Symposium 3: GLP-1: Cellular, Neural, and Behavioral Mechanisms in Food Intake

Chair(s): Diana Williams, Florida State University

8:30 - 10:30 AM

8:30
64
Deconstruction of a meal: Prandial regulation of GLP-1 release from enteroendocrine cells
P. LARSEN
Sweden

9:00
65
Peripheral glucagon-like peptide-1 (GLP-1) in energy homeostasis
W. LANGHANS
Physiology and Behaviour Laboratory, ETH Zurich, Switzerland

9:30
66
Central and vagal mechanisms of glucagon-like-peptide-1 receptor-mediated suppression of food intake
M.R. HAYES
Univ. of Pennsylvania, Philadelphia, PA, USA

10:00
67
GLP-1 analogues in the regulation of food intake - peripheral vs. central mechanisms
M. TANG-CHRISTENSEN
NovoNordisk, Denmark

10:30 - 11:00 AM

Coffee Break

11:00 - 12:00 PM

Mars Lecture: The Leptin Signaling Cascade and Pediatric Obesity

Chair(s): Harvey Grill, University of Pennsylvania

11:00
68
The leptin signaling cascade and pediatric obesity.
J YANOVSKI
National Institutes of Health, Bethesda, MD, USA

Mars Incorporated is proud to sponsor the Society for the Study of Ingestive Behavior Mars Lecture Series 2011 and wish every success for this event.
## THURSDAY, JULY 14 - AM

### 12:15 - 1:45 PM  
**Sand Key Room**  
**Professional Development**

### 2:00 - 4:00 PM  
**Grand Ballroom**  
**Symposium 4: Presidential Symposium:**  
**Neurochemical Mechanisms and the Control of Food Intake**

*Chair(s): Allen Levine, University of Minnesota*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td>Paradoxical roles for hypocretin (orexin) transmission in regulating drug consumption and feeding intake</td>
<td>PJ KENNY</td>
<td><em>The Scripps Research Institute, Jupiter, FL, USA</em></td>
</tr>
<tr>
<td>2:30</td>
<td>Observations on the telencephalic control of “non-homeostatic” feeding, with emphasis on opioid mechanisms in the nucleus accumbens and prefrontal cortex</td>
<td>BA BALDO</td>
<td><em>University of Wisconsin-Madison, Madison, WI, USA</em></td>
</tr>
<tr>
<td>3:00</td>
<td>Overeating of sugars and fats: Links to addiction and obesity</td>
<td>NM AVENA(^1,^2)</td>
<td><em>Univ. of Florida, Gainesville, FL, USA, Princeton Univ., Princeton, NJ, USA</em></td>
</tr>
<tr>
<td>3:30</td>
<td>Prenatal environment vs. genetic predisposition vs. dietary history: is (hedonic) obesity the parents’ fault?</td>
<td>EN POTHOS</td>
<td><em>Department of Molecular Physiology &amp; Pharmacology, Tufts University School of Medicine, Boston, MA, USA</em></td>
</tr>
</tbody>
</table>

### 4:00 - 4:30 PM  
**Island Ballroom**  
**Coffee Break**
THURSDAY, JULY 14 - PM

4:30 - 6:00 PM  Beach/Gulf

Oral Session 2: Developmental and Social Influences on Ingestive Behavior

Chair(s): Jeffrey Brunstrom, University of Bristol

4:30  
Maternal restrictive feeding style and girls’ inhibitory control interact to predict changes in BMI from 5 to 7 y
BY ROLLINS1,2, E LOKEN2, LL BIRCH1,2
1Center for Childhood Obesity Research, University Park, PA, USA, 2Human Development and Family Studies, University Park, PA, USA

4:45  
Tiny Tastes: A home based intervention promoting acceptance of disliked vegetables
AM REMINGTON, EV AÑEZ, LJ COOKE, J WARDLE
University College London, London, United Kingdom

5:00  
Assisted reproductive techniques alter energy balance of young mice
KA SCOTT1, Y YAMAZAKI2, MD SMELTZER1, Y LIN1, AD DEKLOET1, SC WOODS1, R YANAGIMACHI2, KLK TAMASHIRO3, RR SAKAI1
1University of Cincinnati, Cincinnati, OH, USA, 2University of Hawaii, Honolulu, HI, USA, 3Johns Hopkins University, Baltimore, MD, USA

5:15  
Mysterious fat: the different impact of fat content on toddlers’ and adults’ food intake
S BOUHLAL, S ISSANCHOU, S NICKLAUS
Centre des Sciences du Goût et de l’Alimentation, Dijon, France

5:30  
Social influences on food choice
EL ROBINSON, S HIGGS
University of Birmingham, Birmingham, United Kingdom

5:45  
Impact of ostracism and psychosocial factors on food consumption
LJ GERMEROOTH, SJ SALVY, JC BOWKER
University at Buffalo, Buffalo, NY, USA
THURSDAY, JULY 14 - PM

4:30 - 6:00 PM
Palm/Bay

Symposium 5: Diet-Driven Changes in Intestinal Cell Dynamics

Chair(s): Tim Moran, Johns Hopkins University

4:30
STIMULANT SENSING IN GLUCAGON-LIKE PEPTIDE-1 SECRETING L-CELLS
FR EIMANN
University of Cambridge, CIMR, Cambridge, United Kingdom

5:00
HOST-MICROBE INTERACTIONS IN NEONATAL INTESTINAL DEVELOPMENT: ROLE OF EARLY NUTRITION
SM DONOVAN1, SL SCHWARTZ2, IV IVANOV2, LA DAVIDSON2, JS GOLDSBY2, DB DAHL2, ER DOUGHERTY2, IFRIEDBERG3, DHÉRMAN4, MWANG1, RS CHAPKIN2
1University of Illinois, Urbana, IL, USA, 2Texas A&M University, College Station, TX, USA, 3Miami University, Oxford, OH, USA, 4University of Arkansas, Little Rock, AR, USA

5:30
VAGAL GASTRIC AFFERENTS IN EARLY POSTNATAL OVERNUTRITION
EA FOX
Purdue University, W. Lafayette, IN, USA
THURSDAY, JULY 14 - PM

Island Ballroom

Poster Session 2

100’s Food intake through the life cycle and Aging Influences / Early life – epigenetic

200’s Water/NaCl/Osmotic Balance / Beverages

300’s Ethanol

400’s Reward / Motivation

500’s Taste / Flavor / CTA

P100 82 Sugar content impacts food intake in toddlers, but could be reduced
S BOUHLAL, C BERNARD, S ISSANCHOU, S NICKLAUS
Centre des Sciences du Goût et de l’Alimentation, Dijon, France

P101 83 ‘Expected satiation drift’ and beliefs about snack foods in children
JM BRUNSTROM, K MCCRICKERD, CA HARDMAN
University of Bristol, Bristol, United Kingdom

P102 84 Maternal high-fat diet during gestation and lactation alters hepatic gene expression in male rat offspring
ER EWALD¹, B SUN¹,², RH PURCELL¹, RS LEE¹, JB POTASH¹, TH MORAN¹, KL TAMASHIRO¹
¹Dept. of Psychiatry & Behavioral Sciences, Johns Hopkins Univ., Baltimore, MD, USA, ²Dept. of Physiology & Pathophysiology, Xi’an Jiaotong Univ., Xi’an, Shaanxi, China

P103 85 Solid food intake regulation in infants
CA FORESTELL, E EGE, IR SESAY
The College of William & Mary, Williamsburg, VA, USA

P104 86 Body mass index and externalizing behavior as early as age 3 predict disordered eating characteristics at 15 years
LA FRANCIS
The Pennsylvania State University, University Park, PA, USA

P105 87 Effects of early postnatal environment on hypothalamic gene expression in OLETF rats
YJ KIM¹, M SCHROEDER², NC LIANG¹, PT CHAO¹, TH MORAN¹, A WELLEER², S BI¹
¹Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, USA, ²Psychology Department and Gonda Brain Research Center, Bar Ilan University, Ramat Gan, Israel
THURSDAY, JULY 14 - PM

P106 88 Preferences for fat and basic tastes and in 3-, 6- and 12-month-old infants
S NICKLAUS, C SCHWARTZ, E SZLEPER, S ISSANCHOU
Centre des Sciences du Goût et de l’Alimentation, Dijon, France

P107 89 Prenatal immune priming of metabolic dysfunctions related to schizophrenia
G PACHECO-LOPEZ1, W LANGHANS1, U MEYER2
1Physiology and Behavior Laboratory, ETH, Zürich, Switzerland, 2Laboratory of Behavioural Neurobiology, ETH, Zürich, Switzerland

P108 90 Food intake regulation in children: relation to BMI, age and parental feeding practices
ER REMY1, SI ISSANCHOU1, VB BOGGO2, SN NICKLAUS1
1Centre des Sciences du Goût et de l’Alimentation, Dijon, France, 2CHU de Dijon, Dijon, France

P109 91 Abnormal adaptation to lactation leads to normalization of obesity at the time of weaning in CCK1R deficient rats
M SCHROEDER, N FRANKEL, L SHBIRO, A WELLER
Bar-Ilan University, Ramat-Gan, Israel

P110 92 Aging of vagal afferent glutamatergic neurons in the rat
R WANTY, R C RITTER, K CZAJA
Department of VCAPP, College of Veterinary Medicine, Washington State Univ., Pullman, WA, USA

P111 93 Loss of control of food intake among children during the school lunch
M ZANDIAN, I IOAKIMIDIS, C BERGH, P SODERSTEN
Karolinska Institutet, Huddinge, Sweden

P200 94 Current dieters consume fewer beverage calories – but not fewer food calories – than unrestrained eaters in the natural environment
MR LOWE, S GOLSTEIN, S KATTERMAN
Drexel University, Philadelphia, PA, USA

P201 95 Glucagon-like peptide-1 receptor agonists suppress water intake
NJ MCKAY1, SE KANOSKI2, MR HAYES2,3, D DANIELS1
1Department of Psychology, University at Buffalo, SUNY, Buffalo, NY, USA, 2Department of Psychology, University of Pennsylvania, Philadelphia, PA, USA, 3Department of Psychiatry, University of Pennsylvania, Philadelphia, PA, USA
Hypothalamic serotonin receptors expression associated with sodium appetite enhancement produced by dehydration

DTB PEREIRA-DERDERIAN, AS ALVES, LRG BRITTO, JV MENANI, LA DE LUCA JR, S CHIAVEGATTO

1Department of Physiology & Pathology, UNESP, Araraquara, SP, Brazil, 2Department of Physiology & Biophysics, USP, São Paulo, SP, Brazil, 3Department of Pharmacology, ICB-USP, São Paulo, SP, Brazil

Investigation into the specificity of the behavioral desensitization observed after repeated angiotensin II administration

PJ VENTO, KP MYERS, D DANIELS

1Department of Psychology, State University of New York at Buffalo, Buffalo, NY, USA, 2Department of Psychology, Bucknell University, Lewisburg, PA, USA

Hypothalamic peptides are altered in rats predicted to consume fat or ethanol

JR BARSON, SE FAGAN, SF LEIBOWITZ

The Rockefeller University, New York, NY, USA

Effects of prenatal diet on food preference and ethanol intake in offspring

ME BOCARSLY, J HAUCA, JR BARSON, SF LEIBOWITZ, BG HOEBEL, NM AVENA

1Princeton Univ., Princeton, NJ, USA, 2Rockefeller Univ., NY, NY, USA, 3Univ. of Florida, Gainesville, FL, USA

Hypothalamic peptide control of alcohol intake: differential effects on frequency or size of drinking bouts

YW CHEN, A CHEN, JR BARSON, SF LEIBOWITZ, BG HOEBEL

1Princeton University, Princeton, NJ, USA, 2Rockefeller University, New York, NY, USA

Effect of prazosin and guanfacine on stress-induced reinstatement of food and alcohol seeking in rats

C CIFANI, AD LÈ, D FUNK, W JUZYTSCHEK, K COEN, BM NAVARRE, Y SHAHAM

1NIDA/NIH, Baltimore, MD, USA, 2Centre Addiction and Mental Health, Toronto, Canada

Leptin attenuates mu opioid receptors effect on feeding behavior

MJ BARNES, LJ STEWART

Pennington Biomedical Research Center, Nutrition & Neural Signaling Laboratory, Baton Rouge, LA, USA

Food exposure, cravings, and physiological reactivity in normal-weight subjects

C CAMACHO, SN MACKINNON, LE AMPOLOS, R GEVIRTZ, KN BOUTELLE

1University of California, San Diego, La Jolla, CA, USA, 2Alliant International University, San Diego, CA, USA
THURSDAY POSTER SESSION 2

THURSDAY, JULY 14 - PM

P402  Role of orexin in effects of food restriction on sucrose self-administration and cue-induced reinstatement to extinguished sucrose-seeking
A.M. CASON, R.V. FALLON, G. ASTON-JONES
MUSC, Charleston, SC, USA

P403  High protein feeding leads to a decreased postprandial neuronal activation and alterations in neurotransmitters receptor mRNAs within the nucleus accumbens
C CHAUMONTET, N DARCEL, D TOME, G FROMENTIN
AgroParisTech-INRA, UMR914, Nutrition Physiology and Ingestive Behavior, Paris, France

P404  The Rostromedial Tegmental Nucleus Provides Inhibitory Tone to Dopamine Neurons
SR EBNER, MF ROITMAN
University of Illinois at Chicago, Chicago, IL, USA

P405  Differential neuronal encoding in the nucleus accumbens is associated with behavioral indices of conditioned taste aversion learning.
AL LORIAUX, JD ROITMAN, MF ROITMAN
Department of Psychology, University of Illinois at Chicago, Chicago, IL, USA

P406  The role of Melanin Concentrating Hormone (MCH) in reward learning
AJ SHERWOOD1, PC HOLLAND1, A ADAMANTIDIS2, B LAKAYE1, AW JOHNSON1
1Johns Hopkins University., Baltimore, MD, USA, 2McGill University, Montreal, QC, Canada

P407  The role of reinforcer exposure and diet duration in high-fat diet-induced motivational deficits
AL TRACY1, CJM WEE1, SC BENOIT2
1Department of Psychology, Grinnell College, Grinnell, IA, USA, 2Department of Psychiatry, University of Cincinnati, Cincinnati, OH, USA

P408  Lateral Hypothalamic NMDA and GABA Receptors Mediate Feeding Elicited by Ipsilateral Nucleus Accumbens Shell Inhibition
KR URSTADT1, SF ZAIDI2, P KALLY2, BG STANLEY1,2
1Dept. of Psychology, University of California, Riverside, Riverside, CA, USA, 2Dept. of Cell Biol. and Neurosci., University of California, Riverside, Riverside, CA, USA

P409  Effect of ghrelin administration into the ventral tegmental area (VTA) on food-reinforced behavior in dopamine intact and depleted rats
ZY WEINBERG, ML NICHOLSON, PJ CURRIE
Department of Psychology, Reed College, Portland, OR, USA

P500  Leptin modulates sweet sensitivities in enteroendocrine STC-1 cells
M JYOTAKI, M NIKI, K SANEMATSU, N SHIGEMURA, Y NINOMIYA
Kyushu University, Fukuoka, Japan
**THURSDAY, JULY 14 - PM**

**P501 Modulation of taste sensitivity and feeding by Oral PYY signaling**
M.S. LA SALA\(^1\), D.M. HURTADO\(^1\), A. ACOSTA\(^1\), S. ZOLOTUKHIN\(^1\), H. HERZOG\(^2\), C.D. DOTSON\(^3,4\)
\(^1\)Dept Pediatrics, Univ Florida College of Medicine, Gainesville, FL, USA, \(^2\)Garvan Institute of Medical Research, NSW 2010, Darlinghurst, Sydney, Australia, \(^3\)Depts Neuroscience & Psychiatry, Univ Florida College of Medicine, Gainesville, FL, USA, \(^4\)Center for Smell & Taste, Univ Florida, Gainesville, FL, USA

**P502 TRPM5 KO-mice develop less insulin resistance compared to wt-mice after diet induced obesity**
MH LARSSON, P BRODIN
AstraZeneca R&D, Molndal, Sweden

**P503 CD36 is regulated by dietary lipids in mouse circumvallate papillae: impact on spontaneous fat preference**
C MARTIN, M CHEVROT, D GAILLARD, JF MERLIN, P PASSILLY-DEGRACE, P BESNARD
U866 Inserm, University of Burgundy, Dijon, France

**P504 The learned shift in flavor palatability evaluation produced by flavor-nutrient conditioning is susceptible to rapid extinction**
KP MYERS, ME SYME
Bucknell University, Lewisburg, PA, USA

**P505 Modulation of sweet taste responses by antagonists for leptin and endocannabinoid receptors in normal lean and db/db mice**
M NIKI, M JYOTAKI, T OHKURI, R YOSHIDA, Y NINOMIYA
Section of Oral Neuroscience, Graduate School of Dental Sciences, Kyushu University, Fukuoka, Japan

---

**FRIDAY, JULY 15 - AM**

7:45 - 8:30 AM  
Island Ballroom  
Breakfast
FRIDAY, JULY 15 - AM

Oral Session 3: Reward and Motivation

Chair(s): Alan Watts, University of Southern California

8:30  NTS GLP-1 projections to the mesolimbic dopaminergic reward system reduce food intake
AL ALHADEFF, LE RUPPRECHT, MR HAYES
University of Pennsylvania, Philadelphia, PA, USA

8:45  Phasic dopamine signaling evoked by unexpected food reward differs with respect to striatal subregion and preference
JE MCCUTCHEON1, HD BROWN1, JJ CONE1, JA BEELER2, ME RAGOZZINO1, MF ROITMAN1
1Dept of Psychology, University of Illinois at Chicago, Chicago, IL, USA, 2Dept of Neurobiology, University of Chicago, Chicago, IL, USA

9:00  Nucleus accumbens glucagon-like peptide-1 receptor activation suppresses food intake
AM DOSSAT1, DL WILLIAMS1
1Psychology Department, Tallahassee, FL, USA

9:15  Energy deficits dissociate motivation from performance and reward
C.M KLINGERMAN1, A. PATEL1, V.L. HEDGES2, R.L. MEISEL2, J.E. SCHNEIDER1
1Lehigh University, Bethlehem, PA, USA, 2U. Minn., Minneapolis, MN, USA

9:30  ‘Food addiction’ is a valid phenotype of obesity
C DAVIS1,2, RD LEVITAN2, JC CARTER3, AS KAPLAN2, JL KENNEDY2
1York University, Toronto, ON, Canada, 2Centre for Addiction and Mental Health, Toronto, ON, Canada, 3University Health Network, Toronto, ON, Canada

9:45  The relationship between reward contingency and attention to conditioned food cues
CH SEAGE, N FOUQUET, MD LEE
Dept Psychology, Swansea University, Swansea, United Kingdom

10:00  Ghrelin increases phasic dopamine signals evoked by food reward
JJ CONE1, MF ROITMAN2
1Graduate Program in Neuroscience University of Illinois at Chicago, Chicago, IL, 2Department of Psychology, Chicago, IL,

10:15  Ghrelin administration in humans increases bids for food items while decreasing bids for non-food items
DW TANG1,2, JE HAN1, A RANGEL3, A DAGHER1
1Montreal Neurological Institute, Montreal, QC, Canada, 2Department of Psychology, McGill University, Montreal, QC, Canada, 3California Institute of Technology, Pasadena, CA, USA
FRIDAY, JULY 15 - AM

Symposium 6: Decision Making in Human Eating Behavior

Chair(s): Jennifer Temple, SUNY Buffalo

8:30 - 10:30 AM  Palm/Bay

8:30  Can limiting dietary variety assist with reducing energy intake and weight loss?
      HA RAYNOR
      University of Tennessee, Knoxville, TN, USA

9:00  Food branding and childhood eating behavior and obesity
      KL KELLER¹, JCG HALFORD²
      ¹St. Luke’s Roosevelt Hospital, Columbia University College of Physicians and Surgeons, New York, NY, USA,
      ²Kissileff Laboratory for the Study of Human Behavior, University of Liverpool, Liverpool, United Kingdom

9:30  The importance of peers and friends to eating, physical activity, and obesity during childhood and adolescence
      SJ SALVY
      University of Buffalo, Buffalo, NY, USA

10:00 Calorie labeling on restaurant menus: a useful public health strategy for obesity prevention?
      LJ HARNACK
      University of Minnesota, Minneapolis, MN, USA
FRIDAY, JULY 15 - AM

10:30 - 11:00 AM Island Ballroom

Coffee Break

11:00 - 12:00 PM Grand Ballroom

Mars Lecture: Pleasure principles for food intake

Chair(s): Hans-Rudolf Berthoud, Pennington Institute, Louisiana State University

11:00

Pleasure principles for food intake

ML KRINGELBACH¹,²

¹University of Oxford, United Kingdom, ²UK and Aarhus University, Denmark

Mars Incorporated is proud to sponsor the Society for the Study of Ingestive Behavior Mars Lecture Series 2011 and wish every success for this event.

12:30 - 2:30 PM Sand Key Room

Industry Symposium & Lunch (Invite Only)

Sponsored by National Starch Food Innovation
FRIDAY, JULY 15 - PM

4:00 - 6:00 PM  Beach/Gulf

Oral Session 4: Taste, Flavor Preference, and Fluid Intake

Chair(s): Alan Spector, Florida State University

4:00  
Dissimilar effects of Na depletion and dehydration on the differential intake of salted and un salted food in rats
MJ MCKINLEY1,3, RS WEISINGER2, DA DENTON1,3  
1Howard Florey Institute, Melbourne, Australia, 2La Trobe Univ., Bundoora, Australia, 3Univ. of Melbourne, Melbourne, Australia

4:15  
Functional interactions between the prefrontal and insular cortices during a sucrose-shift procedure
M. CAETANO1,2, M. LAUBACH1,2  
1The John B. Pierce Laboratory, New Haven, CT, USA, 2Yale University School of Medicine, New Haven, CT, USA

4:30  
Sucralose preferring and avoiding rats perceive the taste of sucralose as qualitatively different
GC LONEY, GD BLONDE, LA ECKEL, AC SPECTOR  
Program in Neuroscience, Department of Psychology Florida State University, Tallahassee, FL, USA

4:45  
Manipulating the sensory properties and labelling of a beverage preload to enhance satiety.
LC CHAMBERS, MR YEOMANS  
University of Sussex, Brighton, United Kingdom

5:00  
Caffeine conditions flavor preferences in adolescents
AM ZIEGLER, AM BENDLIN, YS KOSAR, AM GRACZYK, S O’LEAN, JL TEMPLE  
Department of Exercise and Nutrition Sciences University at Buffalo, Buffalo, NY, USA

5:15  
Ghrelin reduces hypertonic saline intake under a variety of natriorexigenic conditions
EG MIETLICKI, D DANIELS  
Department of Psychology, University at Buffalo, SUNY, Buffalo, NY, USA

5:30  
In contrast to sucrose, normal taste sensitivity to polycose in mice does not depend on the combined presence of T1R2 and T1R3
Y. TREESUKOSOL, A.C. SPECTOR  
Dept of Psychology & Prog in Neuroscience, Florida State Univ., Tallahassee, FL, USA

5:45  
Microstructural analysis of water and sucrose intake by rats after systemic administration of the glucagon-like-peptide-1 (GLP-1) receptor agonist Exendin-4
CM MATHES, AC SPECTOR  
Florida State University Dept. of Psychology and Program in Neuroscience, Tallahassee, FL, USA
FRIDAY, JULY 15 - PM

4:00 - 5:45 PM Palm/Bay

Oral Session 5: Gastrointestinal Influences and Ingestive Behaviors

Chair(s): Megan Dailey, John Hopkins University. Nicholas Bello, Rutgers University

4:00
Endogenous GLP-1 is necessary for the inhibition of food intake by jejunal linoleic acid infusions
MJ DAILEY, AA MOGHADAM, TH MORAN
Department of Psychiatry and Behavioral Sciences, School of Medicine, Johns Hopkins University, Baltimore, MD, USA

4:15
Neuropeptide transmitters released from VAN into the NTS play an important role in regulating food intake
G DE LARTIGUE, RA DARLING, HE RAYBOULD
UC Davis, Davis, CA, USA

4:30
DGAT-1 inhibition increases plasma glucagon-like peptide-1 (GLP-1) and peptide tyrosine-tyrosine (PYY) levels in response to a high fat (HF) meal in rats
G SCHOBER1, M ARNOLD1, S BIRTLES2, L BUCKETT2, A.V TURNBULL2, W LANGHANS1
1Physiology and Behaviour Laboratory, ETH, Zurich, Switzerland, 2AstraZeneca R&D, Macclesfield, United Kingdom

4:45
Rapid detection of “taste” stimuli in the intestine suppresses ongoing ingestive behavior
L.A. SCHIER, T.L. DAVIDSON, T.L. POWLEY
Dept of Psychological Sciences, Purdue University, West Lafayette, IN, USA

5:00
Gastric bypass surgery modifies ethanol consumption in rats
JF DAVIS1, JD SHURDAK1, IJ MAGRISSO1, JB CHAMBERS1, L LUMBERG2, M TSCHOEP1, RJ SEELEY1, SC BENOIT1
1University of Cincinnati, Cincinnati, OH, USA, 2Indiana University Purdue University Indianapolis, Indianapolis, IN, USA

5:15
Expression of the fatty acid sensors, CD36, GPR119 and GPR120, in the duodenum of humans: relationships with obesity
TJ LITTLE1,2, RL YOUNG2,3, LA BLACKSHAW2,3, CK RAYNER1,2, C FEINLE-BISSET1,2
1University of Adelaide Discipline of Medicine, Adelaide, Australia, 2NHMRC Centre of Clinical Research Excellence in Nutritional Physiology, Interventions and Outcomes, Adelaide, Australia, 3Nerve-Gut Research Laboratory, University of Adelaide, Adelaide, Australia

5:30
Intraduodenal lipid and protein suppress energy intake comparably, but have discordant effects on pyloric motility and GLP-1 release
AA SAIES, AT RYAN, A KALLAS, M HOROWITZ, JM WISHART, ND LUSCOMBE-MARSH, C FEINLE-BISSET
University of Adelaide Discipline of Medicine, Adelaide, Australia
FRIDAY, JULY 15 - PM

Island Ballroom

6:00 - 8:00 PM

Poster Session 3

100’s Eating Disorders / Emotional Eating / Stress / Disinhibition

200’s Depression / Psychotics / Atypical Antipsychotics / Neurodegenerative Diseases

300’s Sex/Gender Differences / Gonadal Hormones

400’s Synphilin-1 / AMPK / MCH / MSH / AgRP / NPY

500’s Food Expectation / Habituation

600’s Assorted Topics

P100 146
Insulin resistance changes proportionally to adiposity after a stress test in obese humans
New York Obesity Research and Nutrition Center, St. Luke’s Hospital, Columbia University, New York, New York, USA

P101 147
Effect of neuropeptide S receptor antagonists and partial agonists on palatable food consumption in the rat
C. CIFANI, M.V. MICIONI D’I, B. N. CANELLA, M. UBALDI, M. MASSI, R. CICCOCIOPO
School of Pharmacy, University of Camerino, Camerino, Italy

P102 148
A mediation analysis predicting body fat percentage with sleep and disinhibited eating in women
K.A. KAISER1, S.F. FRANKS2
1University of Alabama, Birmingham, AL, USA, 2University of North Texas Health Science Center, Fort Worth, TX, USA

P103 149
Leptin in anorexia nervosa: relationship to physical activity and weight suppression
D. A. KLEIN1, 2, M. SIEGEL1, 2, ZOE GRUNEBAM1, 2, Y. WANG1, 2, H. CHEN1, 2, B. T. WALSH1, 2
1Columbia University College of Physicians and Surgeons, New York, NY, USA, 2The New York State Psychiatric Institute, New York, NY, USA

P104 150
Effect of the orexin receptors antagonists in an animal model of binge eating
M.V. MICIONI D’I, B. C. CIFANI1, M. CORSI1, D. MONTANARI2, R. CICCOCIOPO1, M. MASSI1, E. MERLO-PICH1, L. PICCOLI2
1University of Camerino, Camerino, Italy, 2GlaxoSmithKline, Verona, Italy
FRIDAY POSTER SESSION 3

P105  Effect of the CRF-1 receptor antagonist R121919 on binge eating
MV MICIONI DI B1, C CIFANI1, KC RICE2, R CICCOCIOPOPO1, M MASSI1
1University of Camerino, Camerino, Italy, 2NIDA/NIH, Bethesda, MD, USA

P106  Emotional eating and night eating syndrome in college students
LJ NOLAN1, A GELIEBTER2
1Psychology Dept, Wagner College, Staten Island, NY, USA, 2New York Obesity Research Center, Columbia University, New York, NY, USA

P107  Exploring urocortin-responsive circuits in forebrain and hindbrain
KS PLYLER, NJ MCKAY, D DANIELS
Department of Psychology, University at Buffalo, SUNY, Buffalo, NY, USA

P108  Food-associated cues trigger dopamine transients during initial binge episodes
DL ROBINSON, DL ZITZMAN, WF MATHES
University of North Carolina, Chapel Hill, NC, USA

P200  Personality as a risk factor for adiposity and hyperinsulineemia
GJ BOERSMA, L BENTHEM, G VAN DIJK, AJW SCHEURINK
Dep. Neuroendocrinology, University of Groningen, Groningen, Netherlands

P201  The effects of hunger in the absence of caloric restriction in a mouse model of Alzheimer’s disease
M GIDDINGS, DB ALLISON, T VAN GROEN, I KADISH
University of Alabama at Birmingham, Birmingham, AL, USA

P300  Estradiol (E2) increases the acute eating-inhibitory effect of amylin in ovariectomized (OVX) rats
LASARIAN, CN BOYLE, TA LUTZ
Inst. of Veterinary Physiology, Zurich, Switzerland

P301  Stress- and pellet-priming-induced reinstatement of food seeking and neuronal activation in c-fos-GFP transgenic female rats: role of ovarian hormones
C CIFANI, BM NAVARRE, D CALU, E KOYA, BT HOPE, Y SHAHAM
NIDA/NIH, Baltimore, MD, USA

P400  Cycles of food restriction increase the orexigenic effect of Nociceptin/Orphanin FQ (N/OFQ) and Neuropeptide Y (NPY) in female rats
C CIFANI, MV MICIONI DI B, M UBALDI, R CICCOCIOPOPO, M MASSI
School of Pharmacy, University of Camerino, Camerino, Italy
Alpha-MSH reactive IgG are associated with delayed body weight recovery after MTX induced mucositis

M HAMZE SINNO, Q COQUEREL, N BOUKHETTALA, M COëFFIER, M TERASHI, C BOLE-FEYSOT, D BREUILLE, P DéCHELOTTET, S.O. FETISSOV

Digestive System & Nutrition Laboratory, Rouen, France, Nestlé Research Center, Lausanne, Switzerland

Melanin Concentrating Hormone (MCH) influences cue-driven food intake under conditions of satiety

AW JOHNSON

Department of Psychological and Brain Sciences, Johns Hopkins University, Baltimore, MD, USA

Synphilin-1 activates AMPK via ATP binding

T LI, G ZHU, X LI, TH MORAN, WW SMITH

Department of Pharmaceutical Sciences, University of Maryland School of Pharmacy, Baltimore, MD, USA

A novel obesity model: human Synphilin-1 transgenic Drosophila

JN LIU, TX LI, DJ YANG, JS PARK, WL SMITH

Department of Pharmaceutical Sciences, University of Maryland School of Pharmacy, Baltimore, MD, USA

Melanin Concentrating Hormone (MCH) gene expression changes in conditioned taste aversion (CTA), however MCH administration does not block CTA

A MITRA, A KLOCKARS, BA GOSNELL, M LE GREVES, PK OLSZEWSKI, AS LEVINE, HB SCHIOTH

University of Minnesota, St. Paul, MN, USA, Uppsala University, Uppsala, Sweden, Minnesota Obesity Center, St. Paul, MN, USA

Fructose-induced leptin resistance involves impaired AMPK but intact STAT3 signaling

A SHAPIRO, K STREHLER, D RYDER, N TUMER, PJ SCARPACE

Departments of Pharmacology, 32610 University of Florida, Gainesville, FL, USA, Department of Aging and Geriatrics, 32610, University of Florida, Gainesville, FL, USA, Department of Veterans Affairs Medical Center, Gainesville, FL, USA

3rd ventricular co-injection of sub-threshold doses of NPY and AgRP stimulate food hoarding, foraging and intake and neural activation

BJW TEUBNER, TJ BARTNESS

Dept of Biology, Georgia State University, Atlanta, GA, USA

Flip-flop memory circuit uses a synaptic AMPK-dependent positive feedback loop and is switched by hunger state

Y YANG, D ATASOY, S STERNSON

Janelia Farm Research Campus, Howard Hughes Medical Institute, Ashburn, VA, USA
FRIDAY, JULY 15 - PM

P500 169 Adaptation of mice to imposed meal times and snack episodes tested under various food costs
DATALAYER, NE ROWLAND
University of Florida, Gainesville, FL, USA

P501 170 Expectation for palatable food. A process that generates gradually in the brain and correlates with behaviour
A.S. BLANCAS-VELÁZQUEZ, K. RODRIGUEZ, C. ESCOBAR
UNAM. Facultad de Medicina, Departamento de Anatomia, Mexico, Mexico

P502 171 A delivered satiating claim influences short-term appetite in high disinhibited low restraint women without influence on food intake
A LESDEMA1, G FROMENTIN1, A ARLOTTI2, S VINOY2, D TOME1, A MARSET-BAGLIERI1
1AgroParisTech-INRA, UMR914 Nutrition Physiology&Ingestive Behavior, Paris, France, 2Kraft Foods Europe-R&D Biscuit, Palaiseau, France

P503 172 Food ads increase snack eating but not meal eating
D.A. LEVITSKY, N.J. TRAVEDI, B.J. WARACH
Cornell University, Ithaca, NY, USA

P504 173 Regional brain metabolic responses to food expectation predict food preference
M MICHAELIDES1,2, ML MILLER1, M SUBRIZE1, R KIM1, L ROBISON1, G WANG1,3, ND VOLKOW1,6, PK THANOS1,4,6
1Brookhaven National Laboratory, Upton, NY, USA, 2Pharmacology and Systems Therapeutics, New York, NY, USA, 3Mount Sinai School of Medicine, New York, NY, USA, 4Departments of Psychology, Stony Brook, NY, USA, 5Neuroscience, Stony Brook University, Stony Brook, NY, USA, 6Laboratory of Neuroimaging, NIH, Bethesda, MD, USA

P505 174 Sensory-specific satiety in humans: More than ‘just’ habituation?
LL WILKINSON, JM BRUNSTROM
Nutrition and Behaviour Unit, University of Bristol, Bristol, United Kingdom

P600 175 Transgene expression of MIC-1 in vivo using minicircle DNA results in weight loss and improved glucose homeostasis in mice
J ALEXANDER-CHACKO, DP SMITH, J DILL, CD HAMMOND, DK SINDELAR
Eli Lilly and Company, Indianapolis, IN, USA

P601 176 Effects of sucrose added blind to the diet over eight weeks on body mass and mood in men
CJ BALLANTYNE1, R HAMMERSLEY1, M REID2
1Glasgow Caledonian University, Glasgow, United Kingdom, 2Queen Margaret University, Edinburgh, United Kingdom
**FRIDAY, JULY 15 - PM**

**P602 Body Fat Deposition: Biological Predictor of Eating Disturbance?**

LA BERNER¹, M BUTRYN¹, L MAYER²,³, E STICE⁴, M LOWE¹

¹Drexel University, Philadelphia, PA, USA, ²Columbia University College of Physicians & Surgeons, New York, NY, USA, ³NY State Psychiatric Institute, New York, NY, USA, ⁴Oregon Research Institute, Eugene, OR, USA

**P603 LPS inhibits ghrelin-excited neurons and food intake via central nitric oxide signaling**

T BORNER, S PINKERNELL, TA LUTZ, T RIEDIGER

University of Zurich, Institute of Veterinary Physiology, Zurich, Switzerland

**P604 Obesogenic diets with fat and sugar reduce site specific sensitivity to insulin**

C DIEPENBROEK, L EGGELS, MT ACKERMANS, E FLIERS, MJ SERLIE, A KALSBEEK, SE LA FLEUR

Dept of Endocrinol. & Metab., AMC-UvA, Amsterdam, Netherlands

**P605 Toll-like receptor 2 is involved in sickness responses induced by acute inflammation in the brain**

SH JIN¹, SG KANG², BJ LEE¹

¹Department of Biological Sciences, University of Ulsan, Ulsan, Korea, ²School of Biomedical and Biotechnology Science, Inje University, Kimhae, Korea

**P606 Eating-Inhibitory effect of the PPAR-α agonist Wy-14643 in rats**

C LEITNER, T JAGGI, W LANGHANS

ETH Zürich, Schwerzenbach, Switzerland

**P607 Hemopressins are novel peptide ligands at CB1 cannabinoid receptors that can act centrally to affect appetite**

SM LUCKMAN, AA WORTH, GT DODD

The University of Manchester, Manchester, United Kingdom

**P608 Caloric titration method for weight loss in obese and overweight adults: preliminary six month results**

CR PACANOWSKI, DA LEVITSKY

Cornell University, Ithaca, NY, USA

**P609 Molasses extract decreases diet-induced obesity**

RS WEISINGER¹, L STAHL¹, DP BEGG², M JOIS¹, A DESAI², J SMYTHE²

¹La Trobe University, Bundoora, Australia, ²Horizon Science, Braeside, Australia

**P610 Ambien-induced hyperphagia and adiposity in rats**

CH WIDEMAN, HM MURPHY

John Carroll University, Cleveland, OH, USA

**P611 The effects of a chronic exercise intervention on appetite and eating behaviors**

MA CORNIER, AK SALZBERG, JL BECHTELL, EL MELANSON

University of Colorado Anschutz Medical Campus, Aurora, CO, USA
SATURDAY, JULY 16 - AM

7:45 - 8:30 AM  Island Ballroom
Breakfast

8:30 - 10:30 AM  Beach/Gulf
Oral Session 6: Assorted Topics in Ingestive Behavior and Obesity

Chair(s): Tim Bartness, Georgia State University

8:30  187  Leptin responsiveness and insulin sensitivity are influenced by the availability of dietary choice independent of body fat or total fat or energy intake
RBS Harris
Georgia Health Sciences University, Augusta, GA, USA

8:45  188  Viral-mediated overexpression of NPY in the dorsomedial hypothalamus causes hyperphagia and obesity in Sprague Dawley rats
S Bi¹, KA Scott¹², PT Chao¹, YJ Kim¹, C De La Serre¹, TH Moran¹
¹Johns Hopkins University School of Medicine, Baltimore, MD, USA, ²University of Cincinnati, Cincinnati, OH, USA

9:00  189  Intact catecholaminergic projections to the forebrain attenuate diet-induced obesity and contribute to the maintenance of normal glucose homeostasis
A. Jokiaho, A.G. Watts
Department of Biological Sciences and Integrative & Evolutionary Biology Program, University of Southern California, Los Angeles, CA, USA

9:15  190  Neuropeptide Y sensitivity in an animal model of diet induced obesity
JK vd Heuvel¹, L Eggels¹, AJ V Rozen², C Diepenbroek³, A Kalsbeek⁴, E Fliers⁵, RAH Adan⁵, SE La Fleur¹
¹Dept Endocrinol Metab, AMC-UvA, Amsterdam, Netherlands, ²Dept Neurosci Pharmacol, RMI-UMCU, Utrecht, Netherlands

9:30  191  Combinations of the GLP-1 agonist exendin-4 and the opioid antagonist naltrexone inhibit food intake to a greater degree than either alone
NC Liang, TH Moran
Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Session continued on next page.
**Oral Session 6: Assorted Topics in Ingestive Behavior and Obesity (CONTINUED)**

Session continued from previous page.

9:45 Subcutaneous adipose tissue transplantation to the visceral cavity in obese mice: mechanisms for metabolic improvements

MT FOSTER\(^1\), S SOFTIC\(^2\), R KOHLI\(^2\), A DE KLOET\(^1\), R SEELEY\(^1\), S WOODS\(^1\)

\(^1\)University of Cincinnati, Cincinnati, OH, USA, \(^2\)Cincinnati Children’s Hospital, Cincinnati, OH, USA

9:50 Synergistic post-prandial deregulation of the orexigenic endocannabinoid anandamide and the anorexigenic peptide y\(_{\text{y}}\) in obesity

B GATTA-CHERIFI\(^{1,4,5}\), I MATIAS\(^{2,5}\), M VALLEE\(^{3,5}\), A TABARIN\(^{1,4,5}\), G MARSICANO\(^{2,5}\), PV PIAZZA\(^{3,5}\), D COTA\(^{1,5}\)

\(^1\)“Energy Balance and obesity”INSERM U862, Neurocentre Magendie, Bordeaux, France, \(^2\)Endocannabinoids and Neuroadaptation, INSERM U862, Neurocentre Magendie, Bordeaux, France, \(^3\)‘Physiopathology of Addiction, Bordeaux, France, \(^4\)Endocrinology, Hopital Haut Leveque, Bordeaux, France, \(^5\)Universite Bordeaux 2, Bordeaux, France

10:00 Central GLP-1 receptor signaling directly controls brown adipose tissue thermogenesis

SH LOCKIE\(^{6,1}\), N CHAUDHARY\(^1\), K HEPPNER\(^3\), D SMILEY\(^2\), D MORGAN\(^2\), D DRUCKER\(^4\), J CHABENNE\(^2\), K RAHMOUNI\(^5\), F ROHNER-JEANRENAUD\(^6\), BJ OLDFIELD\(^6\), MH TSCHOEP\(^1\), D PEREZ-TILVE\(^1\)

\(^1\)University of Cincinnati, Cincinnati, OH, USA, \(^2\)University of Indiana, Bloomington, IN, USA, \(^3\)University of Iowa, Iowa City, IA, USA, \(^4\)Samuel Lunenfeld Research Institute, Toronto, ON, Canada, \(^5\)University of Geneva, Geneva, Switzerland, \(^6\)Monash University, Clayton, Australia
SATURDAY, JULY 16 - AM

8:30 - 10:30 AM Palm/Bay

Symposium 7: Food Intake and Reward: Insights from Drug and Alcohol-Seeking Behaviors

Chair(s): Susanne la Fleur, University of Amsterdam

8:30 195 Addiction and obesity: insights from functional brain imaging
A DAGHER, S MALIK, D TANG, T HAYASHI
Montreal Neurological Institute, Montreal, Canada

9:00 196 Crf1r antagonists and npy agonists protect against binge-like ethanol drinking in c57bl/6j mice but fail to influence low ethanol intake
TE THIELE
University of North Carolina, Chapel Hill, NC, USA

9:30 197 Effect of insulin on dopamine neurons of the ventral tegmental area
SL BORGLAND, G LABOUEBE, DM MEBEL
University of British Columbia, Vancouver, BC, Canada

10:00 198 Molecular adaptation in brain reward circuits in response to food restriction
DJ GUARNIERI, SM GRAY, J MALDONADO-AVILES, C BRAYTON, JR TRINKO, RJ DILEONE
Yale University School of Medicine, New Haven, CT, USA

11:00 - 12:00 PM Grand Ballroom

Mars Lecture: Neuronal reward processing

Chair(s): Mitchell Roitman, University of Illinois at Chicago

11:00 199 Neuronal reward processing
W SCHULTZ
University of Cambridge, Cambridge, United Kingdom

Mars Incorporated is proud to sponsor the Society for the Study of Ingestive Behavior Mars Lecture Series 2011 and wish every success for this event.
## SATURDAY, JULY 16 - PM

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 - 2:30 PM</td>
<td>Registration Desk</td>
<td>Meet the Professor Lunch</td>
</tr>
<tr>
<td>2:30 - 4:15 PM</td>
<td>Grand Ballroom</td>
<td>Awards Session</td>
</tr>
<tr>
<td>4:15 - 5:15 PM</td>
<td>Grand Ballroom</td>
<td>Business Meeting</td>
</tr>
<tr>
<td>7:00 - 11:00 PM</td>
<td>Grand Ballroom</td>
<td>Conference Banquet</td>
</tr>
</tbody>
</table>

*Chair(s): Allen Levine, University of Minnesota*
## AUTHOR INDEX

<table>
<thead>
<tr>
<th>Author</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABUMRAD, N</td>
<td>55</td>
</tr>
<tr>
<td>ACKERMANS, M</td>
<td>179</td>
</tr>
<tr>
<td>ACOUSTA, A</td>
<td>113</td>
</tr>
<tr>
<td>ADAMANTIDIS, A</td>
<td>108</td>
</tr>
<tr>
<td>ADAN, R</td>
<td>190</td>
</tr>
<tr>
<td>ALEXANDER-CHACKO, J</td>
<td>175</td>
</tr>
<tr>
<td>ALHADEFF, A</td>
<td>118</td>
</tr>
<tr>
<td>ALLISON, D</td>
<td>156</td>
</tr>
<tr>
<td>ALVES, A</td>
<td>96</td>
</tr>
<tr>
<td>AMPOLOS, L</td>
<td>103</td>
</tr>
<tr>
<td>ANEZ, E</td>
<td>74</td>
</tr>
<tr>
<td>ARLOTTI, A</td>
<td>171</td>
</tr>
<tr>
<td>ARNOLD, M</td>
<td>11, 40, 134</td>
</tr>
<tr>
<td>ASARIAN, L</td>
<td>158</td>
</tr>
<tr>
<td>ASTON-JONES, G</td>
<td>104</td>
</tr>
<tr>
<td>ATALAYER, D</td>
<td>30, 146, 169</td>
</tr>
<tr>
<td>ATASOY, D</td>
<td>168</td>
</tr>
<tr>
<td>AVENA, N</td>
<td>71, 99</td>
</tr>
<tr>
<td>AZZOUT-MARNICHE, D</td>
<td>33, 34</td>
</tr>
<tr>
<td>BALANTEKIN, K</td>
<td>61</td>
</tr>
<tr>
<td>BALDO, B</td>
<td>70</td>
</tr>
<tr>
<td>BALDUZZI, A</td>
<td>20</td>
</tr>
<tr>
<td>BALE, M</td>
<td>54</td>
</tr>
<tr>
<td>BALLANTYNE, C</td>
<td>176</td>
</tr>
<tr>
<td>BARBIER DE LA SERRE, C</td>
<td>6</td>
</tr>
<tr>
<td>BARNES, M</td>
<td>102</td>
</tr>
<tr>
<td>BARSON, J</td>
<td>98, 99, 100</td>
</tr>
<tr>
<td>BARTNESS, T</td>
<td>167</td>
</tr>
<tr>
<td>BECHTJELL, J</td>
<td>186</td>
</tr>
<tr>
<td>BECKER, K</td>
<td>32</td>
</tr>
<tr>
<td>BEELER, J</td>
<td>119</td>
</tr>
<tr>
<td>BEGG, D</td>
<td>184</td>
</tr>
<tr>
<td>BELL, N</td>
<td>50</td>
</tr>
<tr>
<td>BENCE, K</td>
<td>20</td>
</tr>
<tr>
<td>BENDLIN, A</td>
<td>135</td>
</tr>
<tr>
<td>BENOIT, S</td>
<td>4, 109, 143</td>
</tr>
<tr>
<td>BENTHEM, L</td>
<td>155</td>
</tr>
<tr>
<td>BETH, C</td>
<td>93</td>
</tr>
<tr>
<td>BERNARD, C</td>
<td>82</td>
</tr>
<tr>
<td>BERNER, L</td>
<td>177</td>
</tr>
<tr>
<td>BESNARD, P</td>
<td>37, 55, 115</td>
</tr>
<tr>
<td>BI, S</td>
<td>23, 87, 188</td>
</tr>
<tr>
<td>BIRCH, L</td>
<td>73</td>
</tr>
<tr>
<td>BIRTLES, S</td>
<td>141</td>
</tr>
<tr>
<td>BLACKSHAW, L</td>
<td>144</td>
</tr>
<tr>
<td>BLAKE, C</td>
<td>18</td>
</tr>
<tr>
<td>BLANCAS-VELAZQUEZ, A</td>
<td>170</td>
</tr>
<tr>
<td>BLONDE, G</td>
<td>133</td>
</tr>
<tr>
<td>BOCARSLY, M</td>
<td>99</td>
</tr>
<tr>
<td>BOERSMA, G</td>
<td>155</td>
</tr>
<tr>
<td>BOGO, V</td>
<td>90</td>
</tr>
<tr>
<td>BOLE-FEYSOT, C</td>
<td>161</td>
</tr>
<tr>
<td>BORGLAND, S</td>
<td>197</td>
</tr>
<tr>
<td>BORNER, T</td>
<td>178</td>
</tr>
<tr>
<td>BOURLHAL, S</td>
<td>76, 82</td>
</tr>
<tr>
<td>BOUKEHTTALA, N</td>
<td>161</td>
</tr>
<tr>
<td>BOUTELLE, K</td>
<td>103</td>
</tr>
<tr>
<td>BOWKER, J</td>
<td>78</td>
</tr>
<tr>
<td>BOYLE, C</td>
<td>9, 158</td>
</tr>
<tr>
<td>BRAYTON, C</td>
<td>198</td>
</tr>
<tr>
<td>BRECUILLE, D</td>
<td>161</td>
</tr>
<tr>
<td>BRITTO, L</td>
<td>96</td>
</tr>
<tr>
<td>BRODIN, P</td>
<td>114</td>
</tr>
<tr>
<td>BROWN, H</td>
<td>119</td>
</tr>
<tr>
<td>BRUNSTROM, J</td>
<td>57, 83, 174</td>
</tr>
<tr>
<td>BRYANT, C</td>
<td>19</td>
</tr>
<tr>
<td>BUCKETT, L</td>
<td>141</td>
</tr>
<tr>
<td>BUTRYN, M</td>
<td>177</td>
</tr>
<tr>
<td>BYERLY, M</td>
<td>28</td>
</tr>
<tr>
<td>CADIZ, E</td>
<td>30</td>
</tr>
<tr>
<td>CAETANO, M</td>
<td>132</td>
</tr>
<tr>
<td>CALU, D</td>
<td>159</td>
</tr>
<tr>
<td>CAMACHO, C</td>
<td>103</td>
</tr>
<tr>
<td>CANNELLA, N</td>
<td>147</td>
</tr>
<tr>
<td>CARTER, J</td>
<td>122</td>
</tr>
<tr>
<td>CASE, R</td>
<td>19</td>
</tr>
<tr>
<td>CASON, A</td>
<td>104</td>
</tr>
<tr>
<td>CHAIBLENNE, J</td>
<td>194</td>
</tr>
<tr>
<td>CHADWICK, W</td>
<td>32</td>
</tr>
<tr>
<td>CHAMBERS, J</td>
<td>143</td>
</tr>
<tr>
<td>CHAMBERS, L</td>
<td>134</td>
</tr>
<tr>
<td>CHAO, P</td>
<td>87, 188</td>
</tr>
<tr>
<td>CHAPKIN, R</td>
<td>80</td>
</tr>
<tr>
<td>CHAUDHARY, N</td>
<td>194</td>
</tr>
<tr>
<td>CHAUMONTET, C</td>
<td>33, 34, 51, 105</td>
</tr>
<tr>
<td>CHEN, A</td>
<td>100</td>
</tr>
<tr>
<td>CHEN, H</td>
<td>149</td>
</tr>
<tr>
<td>CHEN, Y</td>
<td>100</td>
</tr>
<tr>
<td>CHEVROT, M</td>
<td>115</td>
</tr>
<tr>
<td>CHIAREGATTO, S</td>
<td>96</td>
</tr>
<tr>
<td>CICCOCIOPPO, R</td>
<td>147, 150, 151, 160</td>
</tr>
<tr>
<td>CIFANI, C</td>
<td>101, 147, 150, 151, 159, 160</td>
</tr>
<tr>
<td>CLEMENT, L</td>
<td>55</td>
</tr>
<tr>
<td>CLIFTON, P</td>
<td>52</td>
</tr>
<tr>
<td>COÉFFIER, M</td>
<td>161</td>
</tr>
<tr>
<td>COEN, K</td>
<td>101</td>
</tr>
<tr>
<td>CONE, J</td>
<td>119, 124</td>
</tr>
<tr>
<td>CONTRERAS, R</td>
<td>54</td>
</tr>
<tr>
<td>COOKE, L</td>
<td>74</td>
</tr>
<tr>
<td>COQUEREL, Q</td>
<td>161</td>
</tr>
<tr>
<td>CORNIER, M</td>
<td>186</td>
</tr>
<tr>
<td>CORSI, M</td>
<td>150</td>
</tr>
<tr>
<td>COTA, D</td>
<td>193</td>
</tr>
<tr>
<td>COVASA, M</td>
<td>42, 43</td>
</tr>
<tr>
<td>COWLEY, M</td>
<td>62</td>
</tr>
<tr>
<td>CURRIE, P</td>
<td>111</td>
</tr>
<tr>
<td>CZAJA, K</td>
<td>92</td>
</tr>
<tr>
<td>DAGGER, A</td>
<td>125, 195</td>
</tr>
<tr>
<td>DAHL, D</td>
<td>80</td>
</tr>
<tr>
<td>DAI, Y</td>
<td>40</td>
</tr>
<tr>
<td>DAILEY, M</td>
<td>139</td>
</tr>
<tr>
<td>DANIELS, D</td>
<td>95, 97, 136, 153</td>
</tr>
<tr>
<td>DARCEL, N</td>
<td>51</td>
</tr>
<tr>
<td>DARLING, R</td>
<td>140</td>
</tr>
<tr>
<td>DAVIDSON, L</td>
<td>80</td>
</tr>
<tr>
<td>DAVIDSON, T</td>
<td>60, 142</td>
</tr>
<tr>
<td>Author</td>
<td>Page</td>
</tr>
<tr>
<td>----------</td>
<td>------</td>
</tr>
<tr>
<td>DAVIS, C</td>
<td>122</td>
</tr>
<tr>
<td>DAVIS, J</td>
<td>143</td>
</tr>
<tr>
<td>DE ARAUJO, I</td>
<td>15</td>
</tr>
<tr>
<td>DE JONGHE, B</td>
<td>20</td>
</tr>
<tr>
<td>DE KLOETE, A</td>
<td>58, 59, 192</td>
</tr>
<tr>
<td>DE LA SERRE, C</td>
<td>188</td>
</tr>
<tr>
<td>DE LARTIGUE, G</td>
<td>6, 140</td>
</tr>
<tr>
<td>DE LUCA JR, L</td>
<td>96</td>
</tr>
<tr>
<td>DeCHELOTT, P</td>
<td>161</td>
</tr>
<tr>
<td>DEKLOET, A</td>
<td>75</td>
</tr>
<tr>
<td>DELOOSE, E</td>
<td>41</td>
</tr>
<tr>
<td>DENTON, D</td>
<td>131</td>
</tr>
<tr>
<td>DEPOORTERE, I</td>
<td>41, 47</td>
</tr>
<tr>
<td>DESAI, A</td>
<td>184</td>
</tr>
<tr>
<td>DICKSON, C</td>
<td>12</td>
</tr>
<tr>
<td>DÍEPEMBROEK, C</td>
<td>179, 190</td>
</tr>
<tr>
<td>DILLONE, R</td>
<td>25, 198</td>
</tr>
<tr>
<td>DILL, J</td>
<td>175</td>
</tr>
<tr>
<td>DIPATRIZIO, N</td>
<td>7</td>
</tr>
<tr>
<td>DODD, G</td>
<td>182</td>
</tr>
<tr>
<td>DONOVAN, S</td>
<td>80</td>
</tr>
<tr>
<td>DOSSAT, A</td>
<td>120</td>
</tr>
<tr>
<td>DOTSON, C</td>
<td>113</td>
</tr>
<tr>
<td>DOUGHERTY, E</td>
<td>37, 194</td>
</tr>
<tr>
<td>DUCA, F</td>
<td>42, 43</td>
</tr>
<tr>
<td>EBNER, S</td>
<td>106</td>
</tr>
<tr>
<td>ECKEL, L</td>
<td>54, 133</td>
</tr>
<tr>
<td>EGE, E</td>
<td>85</td>
</tr>
<tr>
<td>EGGELS, L</td>
<td>179, 190</td>
</tr>
<tr>
<td>ESCOBAR, C</td>
<td>170</td>
</tr>
<tr>
<td>EVANSON, N</td>
<td>59</td>
</tr>
<tr>
<td>EVEN, P</td>
<td>33, 34</td>
</tr>
<tr>
<td>EVERS, S</td>
<td>8</td>
</tr>
<tr>
<td>EWALD, E</td>
<td>13, 63, 84</td>
</tr>
<tr>
<td>FAGAN, S</td>
<td>98</td>
</tr>
<tr>
<td>FALLO, R</td>
<td>104</td>
</tr>
<tr>
<td>FEINLE-BISSET, C</td>
<td>52, 144, 145</td>
</tr>
<tr>
<td>FERNANDEZ, D</td>
<td>44</td>
</tr>
<tr>
<td>FERRIDAY, D</td>
<td>57</td>
</tr>
<tr>
<td>FETISOV, S</td>
<td>161</td>
</tr>
<tr>
<td>FLAK, J</td>
<td>58, 59</td>
</tr>
<tr>
<td>FLIERS, E</td>
<td>179, 190</td>
</tr>
<tr>
<td>FORESTELL, C</td>
<td>16, 85</td>
</tr>
<tr>
<td>FORSTER, K</td>
<td>27</td>
</tr>
<tr>
<td>FOSTER, M</td>
<td>192</td>
</tr>
<tr>
<td>FOUQUET, N</td>
<td>123</td>
</tr>
<tr>
<td>FOX, E</td>
<td>81</td>
</tr>
<tr>
<td>FRANCIS, L</td>
<td>86</td>
</tr>
<tr>
<td>FRANKEL, N</td>
<td>91</td>
</tr>
<tr>
<td>FRANKS, S</td>
<td>148</td>
</tr>
<tr>
<td>FRIEDBERG, I</td>
<td>80</td>
</tr>
<tr>
<td>FROMENTIN, G</td>
<td>33, 34, 51, 105, 171</td>
</tr>
<tr>
<td>FUNK, D</td>
<td>101</td>
</tr>
<tr>
<td>GAILLARD, D</td>
<td>115</td>
</tr>
<tr>
<td>GATTACHERIBI, B</td>
<td>193</td>
</tr>
<tr>
<td>GELIEBTER, A</td>
<td>146, 152</td>
</tr>
<tr>
<td>GEROGEIVSKY, M</td>
<td>48</td>
</tr>
<tr>
<td>GERMEROTH, L</td>
<td>78</td>
</tr>
<tr>
<td>GEVIRI, R</td>
<td>103</td>
</tr>
<tr>
<td>GIBSON, C</td>
<td>146</td>
</tr>
<tr>
<td>GIDDINGS, M</td>
<td>156</td>
</tr>
<tr>
<td>GLATZ, J</td>
<td>55</td>
</tr>
<tr>
<td>GLUCK, M</td>
<td>146</td>
</tr>
<tr>
<td>GOELDSBY, J</td>
<td>80</td>
</tr>
<tr>
<td>GOLDESTEIN, S</td>
<td>94</td>
</tr>
<tr>
<td>GONNISSEN, H</td>
<td>10</td>
</tr>
<tr>
<td>GORDON-LARSEN, P</td>
<td>5</td>
</tr>
<tr>
<td>GOSnell, B</td>
<td>29, 165</td>
</tr>
<tr>
<td>GRABER, M</td>
<td>11, 53</td>
</tr>
<tr>
<td>GRACZYK, A</td>
<td>135</td>
</tr>
<tr>
<td>GRAY, S</td>
<td>198</td>
</tr>
<tr>
<td>GRILL, H</td>
<td>20, 25</td>
</tr>
<tr>
<td>GRUNEAUBAUM, Z</td>
<td>149</td>
</tr>
<tr>
<td>GUARNIERI, D</td>
<td>25, 198</td>
</tr>
<tr>
<td>HALFDEN, J</td>
<td>127</td>
</tr>
<tr>
<td>HAMMERSLEY, R</td>
<td>176</td>
</tr>
<tr>
<td>HAMMOND, C</td>
<td>175</td>
</tr>
<tr>
<td>HAMZE SINNO, M</td>
<td>161</td>
</tr>
<tr>
<td>HAN, J</td>
<td>125</td>
</tr>
<tr>
<td>HARDMAN, C</td>
<td>83</td>
</tr>
<tr>
<td>HARNACK, L</td>
<td>129</td>
</tr>
<tr>
<td>HARRIS, R</td>
<td>21, 187</td>
</tr>
<tr>
<td>HASHIM, S</td>
<td>146</td>
</tr>
<tr>
<td>HAUSA, J</td>
<td>99</td>
</tr>
<tr>
<td>HAYASHI, T</td>
<td>195</td>
</tr>
<tr>
<td>HAYES, M</td>
<td>20, 25, 66, 95, 118</td>
</tr>
<tr>
<td>HEDGES, V</td>
<td>121</td>
</tr>
<tr>
<td>HEPPPNER, K</td>
<td>194</td>
</tr>
<tr>
<td>HERMAN, D</td>
<td>80</td>
</tr>
<tr>
<td>HERMAN, J</td>
<td>58, 59</td>
</tr>
<tr>
<td>HERNANDEZ, D</td>
<td>146</td>
</tr>
<tr>
<td>HERZOG, H</td>
<td>113</td>
</tr>
<tr>
<td>HIGGS, S</td>
<td>77</td>
</tr>
<tr>
<td>HOEBELL, B</td>
<td>99, 100</td>
</tr>
<tr>
<td>HOLLAND, P</td>
<td>108</td>
</tr>
<tr>
<td>HOPE, B</td>
<td>159</td>
</tr>
<tr>
<td>HOROWITZ, M</td>
<td>52, 145</td>
</tr>
<tr>
<td>HOUPT, T</td>
<td>22</td>
</tr>
<tr>
<td>HUNT, J</td>
<td>35</td>
</tr>
<tr>
<td>HURSEL, R</td>
<td>10</td>
</tr>
<tr>
<td>HURTADO, D</td>
<td>113</td>
</tr>
<tr>
<td>HUTSON, S</td>
<td>44</td>
</tr>
<tr>
<td>IOAKIMIDIS, I</td>
<td>93</td>
</tr>
<tr>
<td>ISSANCHOU, S</td>
<td>76, 82, 88, 90</td>
</tr>
<tr>
<td>IVANOV, I</td>
<td>80</td>
</tr>
<tr>
<td>JAGGI, T</td>
<td>181</td>
</tr>
<tr>
<td>JAHNG, J</td>
<td>157</td>
</tr>
<tr>
<td>JANSSEN, P</td>
<td>38, 41, 45, 46, 47</td>
</tr>
<tr>
<td>JANSSEN, S</td>
<td>47</td>
</tr>
<tr>
<td>JIN, S</td>
<td>180</td>
</tr>
<tr>
<td>JOHNSON, A</td>
<td>108, 162</td>
</tr>
<tr>
<td>JOIS, M</td>
<td>184</td>
</tr>
<tr>
<td>JOKIAHO, A</td>
<td>189</td>
</tr>
<tr>
<td>JUZYSCH, W</td>
<td>101</td>
</tr>
<tr>
<td>JYOTAKI, M</td>
<td>22, 117</td>
</tr>
<tr>
<td>KAISER, K</td>
<td>148</td>
</tr>
<tr>
<td>KALLAS, A</td>
<td>52, 145</td>
</tr>
<tr>
<td>KALLY, P</td>
<td>110</td>
</tr>
<tr>
<td>KALSBEEK, A</td>
<td>179, 190</td>
</tr>
<tr>
<td>KALLAS, A</td>
<td>52, 145</td>
</tr>
<tr>
<td>KALLE, P</td>
<td>110</td>
</tr>
<tr>
<td>KALSBEEK, A</td>
<td>179, 190</td>
</tr>
<tr>
<td>KALLAS, A</td>
<td>52, 145</td>
</tr>
<tr>
<td>KALLY, P</td>
<td>110</td>
</tr>
<tr>
<td>KISBER, A</td>
<td>179, 190</td>
</tr>
<tr>
<td>KALSBEEK, A</td>
<td>179, 190</td>
</tr>
<tr>
<td>Author</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>KAMPE, J</td>
<td>56</td>
</tr>
<tr>
<td>KANG, D</td>
<td>157</td>
</tr>
<tr>
<td>KANG, S</td>
<td>180</td>
</tr>
<tr>
<td>KANOSKI, S</td>
<td>1, 20, 25, 95</td>
</tr>
<tr>
<td>KAPLAN, A</td>
<td>122</td>
</tr>
<tr>
<td>KATTERMAN, S</td>
<td>94</td>
</tr>
<tr>
<td>KELLER, K</td>
<td>127</td>
</tr>
<tr>
<td>KENNEDY, J</td>
<td>122</td>
</tr>
<tr>
<td>KENNEY, J</td>
<td>30</td>
</tr>
<tr>
<td>KENNY, P</td>
<td>69</td>
</tr>
<tr>
<td>KIM, J</td>
<td>157</td>
</tr>
<tr>
<td>KIM, K</td>
<td>36, 36</td>
</tr>
<tr>
<td>KIM, R</td>
<td>173</td>
</tr>
<tr>
<td>KIM, Y</td>
<td>87, 188</td>
</tr>
<tr>
<td>KIMBEROUGH, A</td>
<td>22</td>
</tr>
<tr>
<td>KLEIN, D</td>
<td>149</td>
</tr>
<tr>
<td>KLINGERMAN, C</td>
<td>121</td>
</tr>
<tr>
<td>KLOCKARS, A</td>
<td>165</td>
</tr>
<tr>
<td>KOHLI, R</td>
<td>192</td>
</tr>
<tr>
<td>KOSAR, Y</td>
<td>135</td>
</tr>
<tr>
<td>KOSS, M</td>
<td>11</td>
</tr>
<tr>
<td>KOYA, E</td>
<td>159</td>
</tr>
<tr>
<td>KRAUSE, E</td>
<td>58, 59</td>
</tr>
<tr>
<td>KRINGELBACH, M</td>
<td>130</td>
</tr>
<tr>
<td>KWIATKOWSKI, V</td>
<td>30</td>
</tr>
<tr>
<td>LA FLEUR, S</td>
<td>179, 190</td>
</tr>
<tr>
<td>LA SALA, M</td>
<td>113</td>
</tr>
<tr>
<td>LABOUEBE, G</td>
<td>197</td>
</tr>
<tr>
<td>LADENHEIM, E</td>
<td>23</td>
</tr>
<tr>
<td>LAKAYE, B</td>
<td>108</td>
</tr>
<tr>
<td>LANGHANS, W</td>
<td>11, 40, 53, 65, 89, 141, 181</td>
</tr>
<tr>
<td>LARSEN, P</td>
<td>64</td>
</tr>
<tr>
<td>LARSSON, M</td>
<td>114</td>
</tr>
<tr>
<td>LAUBACH, M</td>
<td>132</td>
</tr>
<tr>
<td>LE GREVES, M</td>
<td>165</td>
</tr>
<tr>
<td>Lè, A</td>
<td>101</td>
</tr>
<tr>
<td>LEE, B</td>
<td>180</td>
</tr>
<tr>
<td>LEE, J</td>
<td>157</td>
</tr>
<tr>
<td>LEE, M</td>
<td>123, 146</td>
</tr>
<tr>
<td>LEE, R</td>
<td>84</td>
</tr>
<tr>
<td>LEIBOWITZ, S</td>
<td>49, 98, 99, 100</td>
</tr>
<tr>
<td>LEITNER, C</td>
<td>181</td>
</tr>
<tr>
<td>LEMMENS, S</td>
<td>10</td>
</tr>
<tr>
<td>LESDEMA, A</td>
<td>171</td>
</tr>
<tr>
<td>LEVINE, A</td>
<td>29, 165</td>
</tr>
<tr>
<td>LEVITAN, R</td>
<td>122</td>
</tr>
<tr>
<td>LEVITSKY, D</td>
<td>172, 183</td>
</tr>
<tr>
<td>LI, T</td>
<td>163, 164</td>
</tr>
<tr>
<td>LI, X</td>
<td>163</td>
</tr>
<tr>
<td>LIANG, C</td>
<td>49</td>
</tr>
<tr>
<td>LIANG, N</td>
<td>31, 63, 87, 191</td>
</tr>
<tr>
<td>LILLY, N</td>
<td>39</td>
</tr>
<tr>
<td>LIN, Y</td>
<td>75</td>
</tr>
<tr>
<td>LITTLE, T</td>
<td>144</td>
</tr>
<tr>
<td>LIU, J</td>
<td>164</td>
</tr>
<tr>
<td>LO, C</td>
<td>48</td>
</tr>
<tr>
<td>LOCKIE, S</td>
<td>194</td>
</tr>
<tr>
<td>LOKEN, E</td>
<td>73</td>
</tr>
<tr>
<td>LONEY, G</td>
<td>133</td>
</tr>
<tr>
<td>LORIAUX, A</td>
<td>2, 107</td>
</tr>
<tr>
<td>LOVELL, P</td>
<td>57</td>
</tr>
<tr>
<td>LOWE, M</td>
<td>94, 177</td>
</tr>
<tr>
<td>LUCKMAN, S</td>
<td>182</td>
</tr>
<tr>
<td>LUMBERG, L</td>
<td>143</td>
</tr>
<tr>
<td>LUSCOMBE-MARSH, N</td>
<td>52, 145</td>
</tr>
<tr>
<td>LUTZ, T</td>
<td>9, 11, 24, 27, 158, 178</td>
</tr>
<tr>
<td>MACKINNON, S</td>
<td>103</td>
</tr>
<tr>
<td>MAGRISIO, I</td>
<td>143</td>
</tr>
<tr>
<td>MALDONADO-AVILES, J</td>
<td>198</td>
</tr>
<tr>
<td>MALIK, S</td>
<td>195</td>
</tr>
<tr>
<td>MARSICANO, G</td>
<td>193</td>
</tr>
<tr>
<td>MARSHET-BAGLIERI, A</td>
<td>171</td>
</tr>
<tr>
<td>MARTENS, E</td>
<td>10</td>
</tr>
<tr>
<td>MARTIN, A</td>
<td>60</td>
</tr>
<tr>
<td>MARTIN, B</td>
<td>32</td>
</tr>
<tr>
<td>MARTIN, C</td>
<td>37, 115</td>
</tr>
<tr>
<td>MARTIN, R</td>
<td>44</td>
</tr>
<tr>
<td>MASSI, M</td>
<td>147, 150, 151, 160</td>
</tr>
<tr>
<td>MATHES, C</td>
<td>138</td>
</tr>
<tr>
<td>MATHES, W</td>
<td>154</td>
</tr>
<tr>
<td>MATIAS, I</td>
<td>193</td>
</tr>
<tr>
<td>MAUDSLEY, S</td>
<td>32</td>
</tr>
<tr>
<td>MAYER, L</td>
<td>177</td>
</tr>
<tr>
<td>MCCRICKERD, K</td>
<td>83</td>
</tr>
<tr>
<td>MCCUTCHEON, J</td>
<td>119</td>
</tr>
<tr>
<td>MCKAY, N</td>
<td>95, 153</td>
</tr>
<tr>
<td>MCKIE, S</td>
<td>19</td>
</tr>
<tr>
<td>MCKINLEY, M</td>
<td>131</td>
</tr>
<tr>
<td>MCLAUGHLIN, J</td>
<td>19</td>
</tr>
<tr>
<td>MEBEL, D</td>
<td>197</td>
</tr>
<tr>
<td>MEISEL, R</td>
<td>121</td>
</tr>
<tr>
<td>MELANSON, E</td>
<td>186</td>
</tr>
<tr>
<td>MENANI, J</td>
<td>96</td>
</tr>
<tr>
<td>MERLIN, J</td>
<td>115</td>
</tr>
<tr>
<td>MERLO-PICH, E</td>
<td>150</td>
</tr>
<tr>
<td>MEYER, U</td>
<td>89</td>
</tr>
<tr>
<td>MICHAELIDES, M</td>
<td>173</td>
</tr>
<tr>
<td>MICIONI DI B, M</td>
<td>147, 150, 151, 160</td>
</tr>
<tr>
<td>MIEZICKI, E</td>
<td>136</td>
</tr>
<tr>
<td>MILLER, M</td>
<td>173</td>
</tr>
<tr>
<td>MITRA, A</td>
<td>29, 165</td>
</tr>
<tr>
<td>MOGHADAM, A</td>
<td>139</td>
</tr>
<tr>
<td>MONNOR, M</td>
<td>55</td>
</tr>
<tr>
<td>MONTANARI, D</td>
<td>150</td>
</tr>
<tr>
<td>MORAN, T</td>
<td>13, 23, 31, 50, 63, 84, 87, 139, 163, 188, 191</td>
</tr>
<tr>
<td>MORGAN, D</td>
<td>194</td>
</tr>
<tr>
<td>MORGANSTERN, I</td>
<td>49</td>
</tr>
<tr>
<td>MORRISON, C</td>
<td>44</td>
</tr>
<tr>
<td>MURPHY, H</td>
<td>185</td>
</tr>
<tr>
<td>MYERS, K</td>
<td>97, 116</td>
</tr>
<tr>
<td>NADKARNI, N</td>
<td>33, 34, 51</td>
</tr>
<tr>
<td>NASSIR, F</td>
<td>55</td>
</tr>
<tr>
<td>NAVARRE, B</td>
<td>101, 159</td>
</tr>
<tr>
<td>NICHOLSON, M</td>
<td>111</td>
</tr>
<tr>
<td>NICKLAUS, S</td>
<td>76, 82, 88, 90</td>
</tr>
<tr>
<td>NIKI, M</td>
<td>112, 117</td>
</tr>
<tr>
<td>NINOMIYA, Y</td>
<td>112, 117</td>
</tr>
</tbody>
</table>
AUTHOR INDEX

NIOT, I - 55
NOLAN, L - 152
O'LEARY, S - 135
OFELDT, E - 50
OHKURI, T - 117
OLDFIELD, B - 56, 62, 194
OLSZEWSKI, P - 165
PACANOWSKI, C - 183
PACHECO-COPEZ, G - 11
PACHECO-LOPEZ, G - 89
PARK, E - 157
PARK, J - 164
PARK, S - 32
PASSILLY-DEGRACE, P - 37, 115
PATRICK, A - 121
PELCHERS, M - 55
PEREIRA-DERERIAN, D - 96
PEREZ-TILVE, D - 194
PETIT, V - 55
PHAIR, D - 146
PIAZZI, P - 193
PICCOLI, L - 150
PINKERNELL, S - 178
PIOMELLI, D - 7
PLYER, K - 153
POULIER, H - 55
POTASH, J - 84
POTES, C - 24
POTHOS, E - 72
POWLEY, T - 142
PUNJABI, M - 11
PUNYANITYA, M - 11
PURCELL, R - 13, 63, 84
PUGAZZI, M - 119
RAHOMUNI, J - 194
RANGEL, A - 125
RASOAMANANA, R - 51
RAYBOULD, H - 6, 140
RAYNER, C - 144
RAYNER, H - 126
RAID, M - 176
REIMANN, F - 79
REIMANN, J - 74
REMY, E - 90
RICE, K - 151
RIEDER, T - 24, 27, 178
RINAMAN, L - 26
RITTER, R - 92
ROBERTSON, K - 30
ROBINSON, D - 154
ROBINSON, E - 77
ROBINSON, L - 173
RODRIGUEZ, K - 170
ROEMMICH, J - 61
RÖHLER-JEANRENAUD, F - 194
ROITMAN, J - 2, 107
ROITMAN, M - 2, 106, 107, 119, 124
ROLLINS, B - 73
ROTONDO, A - 38
ROWLAND, J - 30, 169
RUPPRECHT, L - 118
RUTTERS, F - 10
RYAN, A - 52, 145
RYDER, D - 166
SAIES, A - 145
SAKAI, R - 58, 59, 75
SALVY, S - 78, 128
SALZBERG, A - 186
SANEMATSU, K - 112
SAVAGE, A - 35
SCARPACE, P - 166
SCHERUNIK, A - 8, 155
SCHIEF, L - 142
SCHIOH, H - 165
SCHNITZER, J - 121
SCHOBER, G - 141
SCHROEDER, M - 87, 91
SCHULTZ, W - 199
SCHWARTZ, C - 88
SCHWARTZ, S - 80
SCALFANI, A - 14
SCOTT, K - 58, 75, 188
SEAGE, C - 123
SEELEY, R - 58, 143, 192
SLEDIN, M - 28
SERLIE, M - 179
SESAY, L - 85
SHAHAM, Y - 101, 159
SHAPIRO, A - 166
SHARP, J - 6
SHIBIRO, L - 91
SHERWOOD, A - 108
SHIGEMURA, N - 112
SHURDAN, J - 143
SIEGEL, M - 149
SINDELAR, D - 175
SKIBICKA, K - 12
SMELTZER, M - 59, 75
SMILEY, D - 194
SMITH, B - 18
SMITH, D - 175
SMITH, J - 54
SMITH, M - 31
SMITH, W - 163, 164
SMYTHE, J - 184
SODERSTEN, P - 93
SOFTIC, S - 192
SOLOMON, M - 58, 59
SPARKS, S - 37
SPECTOR, A - 133, 137, 138
STADLBAUER, U - 53
STAHL, L - 184
STANLEY, K - 110
STEFDANIS, A - 56, 62
STERNSON, S - 168
STEWART, L - 102
STICE, E - 177
STÖCKER, D - 9
STRANDHAN, A - 32
STREHVER, K - 166
SUBRIE, M - 173
SUN, B - 13, 63, 84
SWANSON, R - 28

SSIB 2011
<table>
<thead>
<tr>
<th>Author</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swartz, T</td>
<td>42, 43</td>
</tr>
<tr>
<td>Syme, M</td>
<td>116</td>
</tr>
<tr>
<td>Szleper, E</td>
<td>88</td>
</tr>
<tr>
<td>Tabarin, A</td>
<td>193</td>
</tr>
<tr>
<td>Tack, J</td>
<td>38, 41, 45, 46, 47</td>
</tr>
<tr>
<td>TakaHavi, M</td>
<td>44</td>
</tr>
<tr>
<td>Tamashiro, K</td>
<td>13, 63, 75, 84</td>
</tr>
<tr>
<td>Tang-Christensen</td>
<td>M - 67</td>
</tr>
<tr>
<td>Tang, D</td>
<td>125, 195</td>
</tr>
<tr>
<td>Temple, J</td>
<td>135</td>
</tr>
<tr>
<td>Terashi, M</td>
<td>161</td>
</tr>
<tr>
<td>Teubner, B</td>
<td>167</td>
</tr>
<tr>
<td>Thanos, P</td>
<td>173</td>
</tr>
<tr>
<td>Thiele, T</td>
<td>196</td>
</tr>
<tr>
<td>Tome, D</td>
<td>33, 34, 51, 105, 171</td>
</tr>
<tr>
<td>Torregrossa, A</td>
<td>54</td>
</tr>
<tr>
<td>Tracy, A</td>
<td>109</td>
</tr>
<tr>
<td>Tran, T</td>
<td>55</td>
</tr>
<tr>
<td>Travadi, N</td>
<td>172</td>
</tr>
<tr>
<td>Treesukosol, Y</td>
<td>137</td>
</tr>
<tr>
<td>Trinko, J</td>
<td>198</td>
</tr>
<tr>
<td>Tso, P</td>
<td>48</td>
</tr>
<tr>
<td>Tumer, N</td>
<td>166</td>
</tr>
<tr>
<td>Turnbull, A</td>
<td>141</td>
</tr>
<tr>
<td>Ubaldi, M</td>
<td>147, 160</td>
</tr>
<tr>
<td>Ulrich-Lai, Y</td>
<td>58</td>
</tr>
<tr>
<td>Uristadt, K</td>
<td>110</td>
</tr>
<tr>
<td>V Rozen, A</td>
<td>190</td>
</tr>
<tr>
<td>Vallee, M</td>
<td>193</td>
</tr>
<tr>
<td>Van Den Bergh, O</td>
<td>41</td>
</tr>
<tr>
<td>Van Dijk, G</td>
<td>8, 155</td>
</tr>
<tr>
<td>Van Groen, T</td>
<td>156</td>
</tr>
<tr>
<td>Van Heijningen, C</td>
<td>45</td>
</tr>
<tr>
<td>Van Oudenhove, L</td>
<td>41</td>
</tr>
<tr>
<td>Van Vliet, A</td>
<td>8</td>
</tr>
<tr>
<td>Vd Heuvell, J</td>
<td>190</td>
</tr>
<tr>
<td>Vento, P</td>
<td>97</td>
</tr>
<tr>
<td>Verschueren, S</td>
<td>45, 46</td>
</tr>
<tr>
<td>Vinoy, S</td>
<td>171</td>
</tr>
<tr>
<td>Volk, K</td>
<td>63</td>
</tr>
<tr>
<td>Volkow, N</td>
<td>173</td>
</tr>
<tr>
<td>Walsh, B</td>
<td>149</td>
</tr>
<tr>
<td>Wang, G</td>
<td>173</td>
</tr>
<tr>
<td>Wang, L</td>
<td>32</td>
</tr>
<tr>
<td>Wang, M</td>
<td>80</td>
</tr>
<tr>
<td>Wang, Y</td>
<td>149</td>
</tr>
<tr>
<td>Wanty, R</td>
<td>92</td>
</tr>
<tr>
<td>Warach, B</td>
<td>172</td>
</tr>
<tr>
<td>Wardle, J</td>
<td>74</td>
</tr>
<tr>
<td>Washington, M</td>
<td>35</td>
</tr>
<tr>
<td>Watt, M</td>
<td>62</td>
</tr>
<tr>
<td>Watts, A</td>
<td>189</td>
</tr>
<tr>
<td>Wee, C</td>
<td>109</td>
</tr>
<tr>
<td>Weinberg, Z</td>
<td>111</td>
</tr>
<tr>
<td>Weisinger, R</td>
<td>131, 184</td>
</tr>
<tr>
<td>Weller, A</td>
<td>87, 91</td>
</tr>
<tr>
<td>Westerterp-Plantenga, M</td>
<td>10</td>
</tr>
<tr>
<td>Wideman, C</td>
<td>185</td>
</tr>
<tr>
<td>Wilkinson, L</td>
<td>174</td>
</tr>
<tr>
<td>Williams, D</td>
<td>39, 120</td>
</tr>
<tr>
<td>Winstanley, C</td>
<td>3</td>
</tr>
<tr>
<td>Wishart, J</td>
<td>52, 145</td>
</tr>
<tr>
<td>Wong, G</td>
<td>28</td>
</tr>
<tr>
<td>Wood, W</td>
<td>32</td>
</tr>
<tr>
<td>Woods, S</td>
<td>48, 58, 59, 75, 192</td>
</tr>
<tr>
<td>Worth, A</td>
<td>182</td>
</tr>
<tr>
<td>Yamazaki, Y</td>
<td>75</td>
</tr>
<tr>
<td>Yan, J</td>
<td>13</td>
</tr>
<tr>
<td>Yanagimachi, R</td>
<td>75</td>
</tr>
<tr>
<td>Yang, D</td>
<td>164</td>
</tr>
<tr>
<td>Yang, Y</td>
<td>168</td>
</tr>
<tr>
<td>Yanovsky, J</td>
<td>68</td>
</tr>
<tr>
<td>Ye, Z</td>
<td>49</td>
</tr>
<tr>
<td>Yeomans, M</td>
<td>17, 134</td>
</tr>
<tr>
<td>Yoo, S</td>
<td>157</td>
</tr>
<tr>
<td>Yoshida, R</td>
<td>117</td>
</tr>
<tr>
<td>Young, R</td>
<td>144</td>
</tr>
<tr>
<td>Zaidi, S</td>
<td>110</td>
</tr>
<tr>
<td>Zandian, M</td>
<td>93</td>
</tr>
<tr>
<td>Zhang, Y</td>
<td>32</td>
</tr>
<tr>
<td>Zhao, S</td>
<td>25</td>
</tr>
<tr>
<td>Zheng, H</td>
<td>26</td>
</tr>
<tr>
<td>Zhou, Y</td>
<td>32</td>
</tr>
<tr>
<td>Zhu, G</td>
<td>163</td>
</tr>
<tr>
<td>Zieglar, A</td>
<td>135</td>
</tr>
<tr>
<td>Zitzman, D</td>
<td>154</td>
</tr>
<tr>
<td>Zoolutkhin, S</td>
<td>113</td>
</tr>
<tr>
<td>Züger, D</td>
<td>27</td>
</tr>
<tr>
<td>Williams, D</td>
<td>39, 120</td>
</tr>
<tr>
<td>Winstanley, C</td>
<td>3</td>
</tr>
<tr>
<td>Wishart, J</td>
<td>52, 145</td>
</tr>
<tr>
<td>Wong, G</td>
<td>28</td>
</tr>
<tr>
<td>Wood, W</td>
<td>32</td>
</tr>
<tr>
<td>Woods, S</td>
<td>48, 58, 59, 75, 192</td>
</tr>
<tr>
<td>Worth, A</td>
<td>182</td>
</tr>
<tr>
<td>Yamazaki, Y</td>
<td>75</td>
</tr>
<tr>
<td>Yan, J</td>
<td>13</td>
</tr>
<tr>
<td>Yanagimachi, R</td>
<td>75</td>
</tr>
<tr>
<td>Yang, D</td>
<td>164</td>
</tr>
<tr>
<td>Yang, Y</td>
<td>168</td>
</tr>
<tr>
<td>Yanovsky, J</td>
<td>68</td>
</tr>
<tr>
<td>Ye, Z</td>
<td>49</td>
</tr>
<tr>
<td>Yeomans, M</td>
<td>17, 134</td>
</tr>
<tr>
<td>Yoo, S</td>
<td>157</td>
</tr>
<tr>
<td>Yoshida, R</td>
<td>117</td>
</tr>
<tr>
<td>Young, R</td>
<td>144</td>
</tr>
<tr>
<td>Zaidi, S</td>
<td>110</td>
</tr>
<tr>
<td>Zandian, M</td>
<td>93</td>
</tr>
<tr>
<td>Zhang, Y</td>
<td>32</td>
</tr>
<tr>
<td>Zhao, S</td>
<td>25</td>
</tr>
<tr>
<td>Zheng, H</td>
<td>26</td>
</tr>
<tr>
<td>Zhou, Y</td>
<td>32</td>
</tr>
<tr>
<td>Zhu, G</td>
<td>163</td>
</tr>
<tr>
<td>Zieglar, A</td>
<td>135</td>
</tr>
<tr>
<td>Zitzman, D</td>
<td>154</td>
</tr>
<tr>
<td>Zoolutkhin, S</td>
<td>113</td>
</tr>
<tr>
<td>Züger, D</td>
<td>27</td>
</tr>
</tbody>
</table>

**AUTHOR INDEX**

JULY 12-16, 2011 • CLEARWATER, FL
PRE-REGISTRANT ATTENDEE DIRECTORY

Kathrin Abegg
University of Zurich
Switzerland
kathrin.abegg@uzh.ch

Jesline Alexander-Chacko
Eli Lilly & Co
United States
Alexander-Chacko_Jesline_T@lilly.com

Amber Alhadeff
University of Pennsylvania
United States
amber.alhadeff@gmail.com

Lauren Ampolos
Alliant International University
United States
lampolos@alliant.edu

Myrtha Arnold
Swiss Federal Institute of Technology
Switzerland
myrtha-arnold@ethz.ch

Lori Asarian
University of Zurich
Switzerland
lasarian@vetphys.uzh.ch

Nicole Avena
University of Florida
United States
navena@ufl.edu

Katherine Balantekin
University at Buffalo
United States
kbalantekin@gmail.com

Brian Baldo
University of Wisconsin-Madison
United States
babaldo@wisc.edu

Claire Barbier de La Serre
Johns Hopkins University
United States
cdelaserre@jhu.edu

Maria Barnes
Louisiana State University
United States
Maria.Barnes@pbrc.edu

Jessica Barson
The Rockefeller University
United States
jbarson@rockefeller.edu

Timothy Bartness
Georgia State Univ.
United States
bartness@gsu.edu

Stephen Benoit
University of Cincinnati
United States
stephen.benoit@uc.edu

Laura Berner
Drexel University
United States
laberner@gmail.com

Hans-Rudolf Berthoud
Louisiana State University
United States
berthohr@pbrc.edu

Sheng Bi
Johns Hopkins University School of Medicine
USA
sbi@jhmi.edu

Gretha Boersma
University of Groningen
Netherlands
g.j.boersma@rug.nl

Stephanie Borgland
University of British Columbia
Canada
borgland@interchange.ubc.ca
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOFIA BOUHLAL</td>
<td>CESG- INRA, France</td>
<td><a href="mailto:sofia.bouhlal@dijon.inra.fr">sofia.bouhlal@dijon.inra.fr</a></td>
</tr>
<tr>
<td>Kerri Boutelle</td>
<td>University of California, San Diego</td>
<td><a href="mailto:kboutelle@ucsd.edu">kboutelle@ucsd.edu</a></td>
</tr>
<tr>
<td>Christina Boyle</td>
<td>University of Zürich, Switzerland</td>
<td><a href="mailto:boyle@vetphys.uzh.ch">boyle@vetphys.uzh.ch</a></td>
</tr>
<tr>
<td>Jeffrey Brunstrom</td>
<td>University of Bristol, United Kingdom</td>
<td><a href="mailto:jeff.brunstrom@bristol.ac.uk">jeff.brunstrom@bristol.ac.uk</a></td>
</tr>
<tr>
<td>Charlotte Bryant</td>
<td>University of Manchester, United Kingdom</td>
<td><a href="mailto:charlotte.bryant@postgrad.manchester.ac.uk">charlotte.bryant@postgrad.manchester.ac.uk</a></td>
</tr>
<tr>
<td>Angie Cason</td>
<td>Medical University of South Carolina, United States</td>
<td><a href="mailto:casona@musc.edu">casona@musc.edu</a></td>
</tr>
<tr>
<td>Lucy Chambers</td>
<td>University of Sussex, United Kingdom</td>
<td><a href="mailto:l.c.chambers@sussex.ac.uk">l.c.chambers@sussex.ac.uk</a></td>
</tr>
<tr>
<td>Yu-Wei Chen</td>
<td>Princeton University, United States</td>
<td><a href="mailto:ycthree@princeton.edu">ycthree@princeton.edu</a></td>
</tr>
<tr>
<td>Carlo Cifani</td>
<td>University of Camerino, Italy</td>
<td><a href="mailto:carlo.cifani@unicam.it">carlo.cifani@unicam.it</a></td>
</tr>
<tr>
<td>Jason Clapper</td>
<td>Johnson &amp; Johnson, United States</td>
<td><a href="mailto:JClappe1@its.jnj.com">JClappe1@its.jnj.com</a></td>
</tr>
<tr>
<td>Jackson Cone</td>
<td>University of Illinois at Chicago, United States</td>
<td><a href="mailto:jcone2@uic.edu">jcone2@uic.edu</a></td>
</tr>
<tr>
<td>Marc-Andre Cornier</td>
<td>University of Colorado, Denver</td>
<td><a href="mailto:marc.cornier@ucdenver.edu">marc.cornier@ucdenver.edu</a></td>
</tr>
<tr>
<td>Paul Currie</td>
<td>Reed College, United States</td>
<td><a href="mailto:pcurrie@reed.edu">pcurrie@reed.edu</a></td>
</tr>
<tr>
<td>Krzysztof Czaja</td>
<td>Washington State University, United States</td>
<td><a href="mailto:czajak@vetmed.wsu.edu">czajak@vetmed.wsu.edu</a></td>
</tr>
<tr>
<td>Alain Dagher</td>
<td>Montreal Neurological Institute, Canada</td>
<td><a href="mailto:alain.dagher@mcgill.ca">alain.dagher@mcgill.ca</a></td>
</tr>
<tr>
<td>Megan Dailey</td>
<td>Johns Hopkins University, United States</td>
<td><a href="mailto:mdailey5@jhmi.edu">mdailey5@jhmi.edu</a></td>
</tr>
<tr>
<td>Derek Daniels</td>
<td>University at Buffalo, SUNY, United States</td>
<td><a href="mailto:danielsd@buffalo.edu">danielsd@buffalo.edu</a></td>
</tr>
<tr>
<td>Caroline Davis</td>
<td>York University, Canada</td>
<td><a href="mailto:cdavis@yorku.ca">cdavis@yorku.ca</a></td>
</tr>
<tr>
<td>Ivan De Araujo</td>
<td>USA, <a href="mailto:iarauido@jbpierce.org">iarauido@jbpierce.org</a></td>
<td></td>
</tr>
<tr>
<td>Bart De Jonghe</td>
<td>University of Pennsylvania, United States</td>
<td><a href="mailto:bartd@vet.upenn.edu">bartd@vet.upenn.edu</a></td>
</tr>
<tr>
<td>Guillaume de Lartigue</td>
<td>UC Davis, United States</td>
<td><a href="mailto:gdelartigue@ucdavis.edu">gdelartigue@ucdavis.edu</a></td>
</tr>
<tr>
<td>Eveline Deloose</td>
<td>K.U.Leuven, Belgium</td>
<td>eveline.de <a href="mailto:Roose@med.kuleuven.be">Roose@med.kuleuven.be</a></td>
</tr>
<tr>
<td>Name</td>
<td>Affiliation</td>
<td>Email</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Charlene Diepenbroek</td>
<td>Academic Medical Center</td>
<td><a href="mailto:c.diepenbroek@amc.uva.nl">c.diepenbroek@amc.uva.nl</a></td>
</tr>
<tr>
<td>Ralph DiLeone</td>
<td>Yale University School of Medicine</td>
<td><a href="mailto:ralph.dileone@yale.edu">ralph.dileone@yale.edu</a></td>
</tr>
<tr>
<td>Nicholas DiPatrizio</td>
<td>University of California, Irvine</td>
<td><a href="mailto:ndipatri@uci.edu">ndipatri@uci.edu</a></td>
</tr>
<tr>
<td>Alicia Doerflinger</td>
<td>Marietta College</td>
<td><a href="mailto:ali.doerflinger@marietta.edu">ali.doerflinger@marietta.edu</a></td>
</tr>
<tr>
<td>Sharon Donovan</td>
<td>University of Illinois</td>
<td><a href="mailto:sdonovan@illinois.edu">sdonovan@illinois.edu</a></td>
</tr>
<tr>
<td>Amanda Dossat</td>
<td>Florida State University</td>
<td><a href="mailto:adossat@neuro.fsu.edu">adossat@neuro.fsu.edu</a></td>
</tr>
<tr>
<td>Frank Duca</td>
<td>INRA</td>
<td><a href="mailto:Duca.Frank@gmail.com">Duca.Frank@gmail.com</a></td>
</tr>
<tr>
<td>Stephanie Ebner</td>
<td>University of Illinois at Chicago</td>
<td><a href="mailto:sebner2@uic.edu">sebner2@uic.edu</a></td>
</tr>
<tr>
<td>Lisa Eckel</td>
<td>Florida State University</td>
<td><a href="mailto:eckel@psy.fsu.edu">eckel@psy.fsu.edu</a></td>
</tr>
<tr>
<td>REMY Eloise</td>
<td>INRA- CSGA</td>
<td><a href="mailto:eloise.remy@dijon.inra.fr">eloise.remy@dijon.inra.fr</a></td>
</tr>
<tr>
<td>ALFRUN ERKNER</td>
<td>NESTLE RESEARCH CENTER</td>
<td><a href="mailto:estelle.jaquier@rdls.nestle.com">estelle.jaquier@rdls.nestle.com</a></td>
</tr>
<tr>
<td>Simon Evers</td>
<td>University of Groningen</td>
<td><a href="mailto:s.s.evers@rug.nl">s.s.evers@rug.nl</a></td>
</tr>
<tr>
<td>Erin Ewald</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:eewald1@jhmi.edu">eewald1@jhmi.edu</a></td>
</tr>
<tr>
<td>Christine Feinle-Bisset</td>
<td>University of Adelaide</td>
<td><a href="mailto:christine.feinle@adelaide.edu.au">christine.feinle@adelaide.edu.au</a></td>
</tr>
<tr>
<td>Danielle Ferriday</td>
<td>University of Bristol</td>
<td><a href="mailto:danielle.ferriday@bristol.ac.uk">danielle.ferriday@bristol.ac.uk</a></td>
</tr>
<tr>
<td>Catherine Forestell</td>
<td>The College of William &amp; Mary</td>
<td><a href="mailto:cforestell@gmail.com">cforestell@gmail.com</a></td>
</tr>
<tr>
<td>Samantha Fortin</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:safortin88@gmail.com">safortin88@gmail.com</a></td>
</tr>
<tr>
<td>Michelle Foster</td>
<td>University of Cincinnati</td>
<td><a href="mailto:michelle.foster@uc.edu">michelle.foster@uc.edu</a></td>
</tr>
<tr>
<td>Edward Fox</td>
<td>Purdue University</td>
<td><a href="mailto:au_gc@psych.purdue.edu">au_gc@psych.purdue.edu</a></td>
</tr>
</tbody>
</table>
Blandine Gatta  
Hopital haut lévêque  
France  
blandine.gatta-cherifi@chu-bordeaux.fr

Allan Geliebter  
St. Luke’s Hosp, Columbia Univ/ Touro  
United States  
ag58@columbia.edu

Lisa Germeroth  
University at Buffalo  
United States  
lisagerm@buffalo.edu

Blake Gosnell  
University of Minnesota  
United States  
bgosnell@umn.edu

Adam Graczyk  
State University of New York at Buffalo  
United States  
adamgrac@buffalo.edu

Harvey Grill  
University of Pennsylvania  
USA  
grill@psych.upenn.edu

Sarah Haas Lockie  
Monash University  
Australia  
sarah.lockie@monash.edu

Shuzhen Hao  
Ajinomoto Co. Inc. USA  
United States  
haos@ajiusa.com

Lisa Harnack  
University of Minnesota  
United States  
harnack@epi.umn.edu

Ruth Harris  
Medical College of Georgia  
United States  
ruharris@georgiahealth.edu

Matthew Hayes  
University of Pennsylvania  
United States  
hayesmr@sas.upenn.edu

Suzanne Higgs  
University of Birmingham  
United Kingdom  
s.higgs.1@bham.ac.uk

Kim Hye Young  
Korea Food Research Institute  
South Korea  
kye@kfri.re.kr

Jeong Won Jahng  
Seoul National University College of Dentistry  
KOREA  
jwjahng@snu.ac.kr

Pieter Janssen  
Leuven University, Leuven, Belgium  
Belgium  
pieter.janssen@med.kuleuven.be

Alan Johnson  
University of Iowa  
United States  
alan-johnson@uiowa.edu

Paul Johnson  
The Scripps Research Institute-Florida  
United States  
pjohnson@scripps.edu

Masafumi Jyotaki  
Kyushu University  
Japan  
jyotaki@dent.kyushu-u.ac.jp

Dong-Won Kang  
Kwandong University  
South Korea  
dwkang@kd.ac.kr

Scott Kanoski  
University of Pennsylvania  
United States  
kanoski@sas.upenn.edu

Monica Katz  
Indigestion  
Argentina  
erusconi@turismo-pecom.com.ar

Kristen Kay  
Florida State University  
United States  
keko6c@gmail.com
PRE-REGISTRANT ATTENDEE DIRECTORY

Nancy Keim
United States Department of Agriculture
United States
haos@ajiusa.com

Paul Kenny
The Scripps Research Institute
United States
pjkenny@scripps.edu

Bom Taeck Kim
Ajou university school of medicine
Korea
lovesong@ajou.ac.kr

Yonwook Kim
Johns Hopkins University, SOM
United States
y.j.kim330@gmail.com

Adam Kimbrough
Florida State University
United States
akimbrough@neuro.fsu.edu

Diane Klein
New York State Psychiatric Institute
USA
dk2127@columbia.edu

Candice Klingerman
Lehigh University
United States
cmk307@lehigh.edu

Tanja Kral
University of Pennsylvania
United States
tkral@mail.med.upenn.edu

alison kreisler
University of Pittsburgh
United States
adk45@pitt.edu

Morten Kringelbach
University of Oxford/Aarhus University
United Kingdom
morten.kringelbach@gmail.com

Carla Kuesten
Amway
United States
carla.kuesten@amway.com

Susanne la Fleur
Academic Medical Center, Amsterdam
Netherlands
S.E.laFleur@amc.uva.nl

Michael La Sala
University of Florida
United States
mlasala@ufl.edu

Ellen Ladenheim
Johns Hopkins University, School of Medicine
USA
laden@jhmi.edu

Wolfgang Langhans
ETH Zurich
Switzerland
wolfgang-langhans@ethz.ch

Marie Larsson
AstraZeneca R&D Molndal, Sweden
Sweden
marie.h.larsson@astrazeneca.com

Mark Laubach
Yale University
United States
mark.laubach@yale.edu

Michelle Lee
Swansea University
United Kingdom
m.d.lee@swansea.ac.uk

Sarah Leibowitz
Rockefeller University
United States
leibow@rockvax.rockefeller.edu

Claudia Leitner
Swiss Federal Institute of Technology
Switzerland
leitnerc@ethz.ch
Barry Levin
VA Medical Center
United States
levin@umdnj.edu

Allen Levine
University of Minnesota, CFANS
USA
aslevine@umn.edu

David Levitsky
Cornell University
USA
DAL4@cornell.edu

Tianxia Li
University of Maryland, Pharmacy School
United States
tli@rx.umaryland.edu

Nu-Chu Liang
Johns Hopkins University
United States
nliang2@jhmi.edu

Tanya Little
University of Adelaide
Discipline of Med
Australia
tanya.little@adelaide.edu.au

Jingnan Liu
academic
United States
ljnamy@gmail.com

Chunmin Lo
University of Cincinnati
United States
locm@uc.edu

Gregory Loney
Florida State University
United States
gloney@psy.fsu.edu

Amy Loriaux
University of Illinois at Chicago
United States
asolom2@uic.edu

Michael Lowe
Drexel University
United States
lowe@drexel.edu

Simon Luckman
University of Manchester
United Kingdom
simon.luckman@manchester.ac.uk

Thomas Lutz
University of Zuerich
Switzerland
tomlutz@vetphys.uzh.ch

Sandra Lyn
Nestle Purina
United States
sandra.lyn@rd.nestle.com

Stacy Markison
Senomyx, Inc
United States
stacy.markison@senomyx.com

Agnès Marsset-Baglieri
INRA - AgroParisTech
France
agnes.marsset-baglieri@agroparistech.fr

Ashley Martin
Purdue University
United States
ashley.ann.martin@gmail.com

Celine Martin
Inserm U866 - AgroSup
Dijon
France
celine.martin@u-bourgogne.fr

Clare Mathes
Florida State University
United States
cmathes@neuro.fsu.edu

James McCutcheon
University of Illinois-Chicago
United States
mccutcheon.james@gmail.com

Naomi McKay
University at Buffalo, SUNY
United States
njmckay2@buffalo.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael McKinley</td>
<td>Univ. of Melbourne</td>
<td><a href="mailto:michael.mckinley@florey.edu.au">michael.mckinley@florey.edu.au</a></td>
</tr>
<tr>
<td>Michael Michaelides</td>
<td>Mount Sinai School of Medicine</td>
<td><a href="mailto:michaelides@bnl.gov">michaelides@bnl.gov</a></td>
</tr>
<tr>
<td>Maria Vittoria Micioni Di Bonaventu</td>
<td>University of Camerino</td>
<td><a href="mailto:mariavittoria.micioni@unicam.it">mariavittoria.micioni@unicam.it</a></td>
</tr>
<tr>
<td>Elizabeth Mietlicki</td>
<td>State University of New York at Buffalo</td>
<td><a href="mailto:em1@buffalo.edu">em1@buffalo.edu</a></td>
</tr>
<tr>
<td>Anaya Mitra</td>
<td>University of Minnesota</td>
<td><a href="mailto:amitra@umn.edu">amitra@umn.edu</a></td>
</tr>
<tr>
<td>Timothy Moran</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:tmoran@jhmi.edu">tmoran@jhmi.edu</a></td>
</tr>
<tr>
<td>Irene Morganstern</td>
<td>The Rockefeller University</td>
<td><a href="mailto:iyaroslavs@mail.rockefeller.edu">iyaroslavs@mail.rockefeller.edu</a></td>
</tr>
<tr>
<td>Christopher Morrison</td>
<td>Pennington Biomedical Research Center</td>
<td><a href="mailto:morriscd@pbrc.edu">morriscd@pbrc.edu</a></td>
</tr>
<tr>
<td>Helen Murphy</td>
<td>John Carroll University</td>
<td><a href="mailto:hmurphy@jcu.edu">hmurphy@jcu.edu</a></td>
</tr>
<tr>
<td>Sophie Nicklaus</td>
<td>INRA</td>
<td><a href="mailto:nicklaus@dijon.inra.FR">nicklaus@dijon.inra.FR</a></td>
</tr>
<tr>
<td>Mayu Niki</td>
<td>Kyushu University</td>
<td><a href="mailto:m-niki@dent.kyushu-u.ac.jp">m-niki@dent.kyushu-u.ac.jp</a></td>
</tr>
<tr>
<td>Yuzo Ninomiya</td>
<td>Kyushu University, Graduate School of Dental Sciences</td>
<td><a href="mailto:yuninom@dent.kyushu-u.ac.jp">yuninom@dent.kyushu-u.ac.jp</a></td>
</tr>
<tr>
<td>Laurence Nolan</td>
<td>Wagner College</td>
<td><a href="mailto:inolan@wagner.edu">inolan@wagner.edu</a></td>
</tr>
<tr>
<td>Erica Ofeldt</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:eofeldt1@jhmi.edu">eofeldt1@jhmi.edu</a></td>
</tr>
<tr>
<td>Brian Oldfield</td>
<td>Monash University</td>
<td><a href="mailto:brian.oldfield@med.monash.edu.au">brian.oldfield@med.monash.edu.au</a></td>
</tr>
<tr>
<td>Carly Pacanowski</td>
<td>Cornell University</td>
<td><a href="mailto:crp56@cornell.edu">crp56@cornell.edu</a></td>
</tr>
<tr>
<td>Gustavo Pacheco-Lopez</td>
<td>ETH-Zurich</td>
<td><a href="mailto:gustavo-pacheco@ethz.ch">gustavo-pacheco@ethz.ch</a></td>
</tr>
<tr>
<td>Daniel Pardi</td>
<td>Full time research at Stanford</td>
<td><a href="mailto:dpardi@stanford.edu">dpardi@stanford.edu</a></td>
</tr>
<tr>
<td>Christine Pelkman</td>
<td>National Starch</td>
<td><a href="mailto:christine.pelkman@nstarch.com">christine.pelkman@nstarch.com</a></td>
</tr>
<tr>
<td>Name</td>
<td>Institution</td>
<td>Email Address</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Philip Scarpace</td>
<td>University of Florida</td>
<td><a href="mailto:scarpace@ufl.edu">scarpace@ufl.edu</a></td>
</tr>
<tr>
<td>Anton Scheurink</td>
<td>University of Groningen</td>
<td><a href="mailto:a.j.w.scheurink@rug.nl">a.j.w.scheurink@rug.nl</a></td>
</tr>
<tr>
<td>Lindsey Schier</td>
<td>Purdue University</td>
<td><a href="mailto:laschier@hotmail.com">laschier@hotmail.com</a></td>
</tr>
<tr>
<td>Gudrun Schober</td>
<td>ETH Zurich</td>
<td><a href="mailto:gudrun-schober@ethz.ch">gudrun-schober@ethz.ch</a></td>
</tr>
<tr>
<td>Wolfram Schultz</td>
<td>University of Cambridge</td>
<td><a href="mailto:ws234@cam.ac.uk">ws234@cam.ac.uk</a></td>
</tr>
<tr>
<td>Anthony Sclafani</td>
<td>Brooklyn College</td>
<td><a href="mailto:ASclafani@gc.cuny.edu">ASclafani@gc.cuny.edu</a></td>
</tr>
<tr>
<td>Karen Scott</td>
<td>University of Cincinnati</td>
<td><a href="mailto:scottk2@mail.uc.edu">scottk2@mail.uc.edu</a></td>
</tr>
<tr>
<td>Douglas Seals</td>
<td>University of Colorado</td>
<td><a href="mailto:seals@colorado.edu">seals@colorado.edu</a></td>
</tr>
<tr>
<td>Dana Sindelar</td>
<td>Eli Lilly &amp; Co.</td>
<td><a href="mailto:Sindelar_Dana_Kevin@lilly.com">Sindelar_Dana_Kevin@lilly.com</a></td>
</tr>
<tr>
<td>Kimberly Smith</td>
<td>Florida State University</td>
<td><a href="mailto:ksmith@psy.fsu.edu">ksmith@psy.fsu.edu</a></td>
</tr>
<tr>
<td>Megan Smith</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:msmit223@jhmi.edu">msmit223@jhmi.edu</a></td>
</tr>
<tr>
<td>Wanli Smith</td>
<td>University of Maryland</td>
<td><a href="mailto:wsmith60@jhmi.edu">wsmith60@jhmi.edu</a></td>
</tr>
<tr>
<td>Derek Snyder</td>
<td>Yale University</td>
<td><a href="mailto:derek.snyder.1@gmail.com">derek.snyder.1@gmail.com</a></td>
</tr>
<tr>
<td>Per Sodersten</td>
<td>Karolinska Institute</td>
<td><a href="mailto:pesode@ki.se">pesode@ki.se</a></td>
</tr>
<tr>
<td>Alan Spector</td>
<td>Florida State University</td>
<td><a href="mailto:specator@psy.fsu.edu">specator@psy.fsu.edu</a></td>
</tr>
<tr>
<td>Emily Splane</td>
<td>Flagler College</td>
<td><a href="mailto:esplane@flagler.edu">esplane@flagler.edu</a></td>
</tr>
<tr>
<td>Ulrike Stadlbauer</td>
<td>PhD Student ETH Zurich</td>
<td><a href="mailto:ulrike-stadlbauer@ethz.ch">ulrike-stadlbauer@ethz.ch</a></td>
</tr>
<tr>
<td>Aneta Stefanidis</td>
<td>Monash University</td>
<td><a href="mailto:aneta.stefanidis@monash.edu">aneta.stefanidis@monash.edu</a></td>
</tr>
<tr>
<td>Alexis Stranahan</td>
<td>Georgia Health Sciences University</td>
<td><a href="mailto:astranahan@georgiahealth.edu">astranahan@georgiahealth.edu</a></td>
</tr>
<tr>
<td>BO SUN</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:sunbo.1217@gmail.com">sunbo.1217@gmail.com</a></td>
</tr>
<tr>
<td>Denise Surina-Baumgartner</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:denisemsb@live.com">denisemsb@live.com</a></td>
</tr>
<tr>
<td>Name</td>
<td>Affiliation</td>
<td>Email</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Kellie Tamashiro</td>
<td>Johns Hopkins University, United States</td>
<td><a href="mailto:ktamashiro@jhmi.edu">ktamashiro@jhmi.edu</a></td>
</tr>
<tr>
<td>Deborah Tang</td>
<td>McGill University, Montreal Neurological Canada</td>
<td><a href="mailto:deb.tang@mail.mcgill.ca">deb.tang@mail.mcgill.ca</a></td>
</tr>
<tr>
<td>Jennifer Temple</td>
<td>University at Buffalo, United States</td>
<td><a href="mailto:jtemple@buffalo.edu">jtemple@buffalo.edu</a></td>
</tr>
<tr>
<td>Brett Teubner</td>
<td>Postdoc, United States</td>
<td><a href="mailto:biobjt@langate.gsu.edu">biobjt@langate.gsu.edu</a></td>
</tr>
<tr>
<td>Todd Thiele</td>
<td>University of North Carolina, United States</td>
<td><a href="mailto:thiele@unc.edu">thiele@unc.edu</a></td>
</tr>
<tr>
<td>Robert Thunhorst</td>
<td>Univ. of Iowa, USA</td>
<td><a href="mailto:robert-thunhorst@uiowa.edu">robert-thunhorst@uiowa.edu</a></td>
</tr>
<tr>
<td>Daniel Tome</td>
<td>AgroParisTech, France</td>
<td><a href="mailto:tome@agroparistech.fr">tome@agroparistech.fr</a></td>
</tr>
<tr>
<td>Ann-Marie Torregrossa</td>
<td>Florida State University, United States</td>
<td><a href="mailto:torregrossa@neuro.fsu.edu">torregrossa@neuro.fsu.edu</a></td>
</tr>
<tr>
<td>Andrea Tracy</td>
<td>Grinnell College, United States</td>
<td><a href="mailto:tracyand@grinnell.edu">tracyand@grinnell.edu</a></td>
</tr>
<tr>
<td>Yada Treesukosol</td>
<td>Johns Hopkins University, United States</td>
<td><a href="mailto:yadatree@jhmi.edu">yadatree@jhmi.edu</a></td>
</tr>
<tr>
<td>Matthew Tryon</td>
<td>University of California, Davis, United States</td>
<td><a href="mailto:mstryon@ucdavis.edu">mstryon@ucdavis.edu</a></td>
</tr>
<tr>
<td>Kevin Urstadt</td>
<td>University of California, Riverside, United States</td>
<td><a href="mailto:kurst001@gmail.com">kurst001@gmail.com</a></td>
</tr>
<tr>
<td>José van den Heuvel</td>
<td>Academic medical center, Amsterdam, Netherlands</td>
<td><a href="mailto:j.k.vandenheuvel@amc.uva.nl">j.k.vandenheuvel@amc.uva.nl</a></td>
</tr>
<tr>
<td>Peter Vento</td>
<td>University at Buffalo, United States</td>
<td><a href="mailto:pjvento@buffalo.edu">pjvento@buffalo.edu</a></td>
</tr>
<tr>
<td>B. Timothy Walsh</td>
<td>Columbia University, NYSPI, United States</td>
<td><a href="mailto:BTW1@COLUMBIA.EDU">BTW1@COLUMBIA.EDU</a></td>
</tr>
<tr>
<td>Rachel Wanty</td>
<td>Washington State University, United States</td>
<td><a href="mailto:rachel_wanty@wsu.edu">rachel_wanty@wsu.edu</a></td>
</tr>
<tr>
<td>Alan Watts</td>
<td>University of Southern California, United States</td>
<td><a href="mailto:watts@usc.edu">watts@usc.edu</a></td>
</tr>
<tr>
<td>Richard Weisinger</td>
<td>La Trobe University, Australia</td>
<td><a href="mailto:r.weisinger@latrobe.edu.au">r.weisinger@latrobe.edu.au</a></td>
</tr>
<tr>
<td>Aron Weller</td>
<td>Bar-Ilan University, Israel</td>
<td><a href="mailto:weller@mail.biu.ac.il">weller@mail.biu.ac.il</a></td>
</tr>
<tr>
<td>Cyriilla Wideman</td>
<td>John Carroll University, United States</td>
<td><a href="mailto:cwideman@jcu.edu">cwideman@jcu.edu</a></td>
</tr>
<tr>
<td>Laura Wilkinson</td>
<td>University of Bristol, United Kingdom</td>
<td><a href="mailto:Laura.Wilkinson@bristol.ac.uk">Laura.Wilkinson@bristol.ac.uk</a></td>
</tr>
<tr>
<td>Diana Williams</td>
<td>Florida State University, United States</td>
<td><a href="mailto:williams@psy.fsu.edu">williams@psy.fsu.edu</a></td>
</tr>
</tbody>
</table>
PRE-REGISTRANT ATTENDEE DIRECTORY

Catharine Winstanley
UBC
Canada
cwinstanley@psych.ubc.ca

Martin Yeomans
University of Sussex
United Kingdom
martin@sussex.ac.uk

Zhiping Yu
Rippe Lifestyle Institute
United States
zhiping.nutrition@gmail.com

Shiru Zhao
University of Pennsylvania
United States
shiruzhao@gmail.com

Huiyuan Zheng
Univ Pittsburgh
United States
zhengh@pitt.edu

Hisham Ziauddeen
University of Cambridge
United Kingdom
hz238@cam.ac.uk

Amanda Ziegler
University at Buffalo
United States
amz9@buffalo.edu
Amylin Pharmaceuticals, Inc.
is a proud sponsor of the
2011 SSIB Meeting

Amylin is a biopharmaceutical company dedicated to improving lives of patients through the discovery, development and commercialization of innovative medicines.
Diabetes Innovation Award Program

Novo Nordisk R&D is launching a research award program to support new and established scientists exploring novel hypotheses in protein-based therapeutics and technologies for diabetes and obesity.

We offer two types of funding opportunities for nonclinical research. Projects can be supported for up to two years and the funding is available to scientists and academic research institutions in the US and Canada only.

Early Research Exploration Award

$125,000* per year for up to two years

Research support for early-stage hypotheses that do not yet have preliminary data but show considerable promise for advancing the treatment of diabetes or obesity.

Proof of Principle (PoP) Award

$250,000* per year for up to two years

Research support for the validation of early stage innovations with enough supporting data to conclude on nonclinical PoP studies. Applicants have the option to apply for additional scientific support from Novo Nordisk that would provide access to our R&D scientists and facilities to conduct PoP studies.

*Direct costs that can be specifically identified as part of the research project. In addition, the Award Program covers the facility and administrative (indirect) costs needed to conduct research. Indirect costs will be covered according to the host institution rate based on current government rules.
Appetite

Appetite is an international research journal specializing in behavioural nutrition and the cultural, sensory, and physiological influences on choices and intakes of foods and drinks. It covers normal and disordered eating and drinking, dietary attitudes and practices and all aspects of the bases of human and animal behaviour toward food. The journal carries short communications, book reviews and abstracts from major meetings in the social science, psychology or neuroscience of food consumption, including the Association for the Study of Food in Society, the Society for the Study of Ingestive Behavior, and conferences on Food Choice.

Executive Editors:

<table>
<thead>
<tr>
<th>P. Atkins</th>
<th>D.A. Booth</th>
<th>D. Hoffman</th>
<th>S. Thornton</th>
</tr>
</thead>
<tbody>
<tr>
<td>H.R. Berthoud</td>
<td>J.O. Fisher</td>
<td>A. Jansen</td>
<td>Y. Wada</td>
</tr>
<tr>
<td>N.W. Bond</td>
<td>S. Higgs</td>
<td>M. Lowe</td>
<td></td>
</tr>
</tbody>
</table>

6 Issues per year, ISSN: 0195-6663

www.elsevier.com/locate/appet

Physiology & Behavior

Official journal of the International Behavioral Neuroscience Society

Physiology & Behavior is aimed at the causal physiological mechanisms of behavior and its modulation by environmental factors. The journal invites original reports in the broad area of behavioral and cognitive neuroscience, in which at least one variable is physiological and the primary emphasis and theoretical context are behavioral. The range of subjects includes behavioral neuroendocrinology, psychoneuroimmunology, learning and memory, ingestion, social behavior, and studies related to the mechanisms of psychopathology. Contemporary reviews and theoretical articles are welcomed and the Editors invite such proposals from interested authors. Thematic issues and more comprehensive studies are also considered for publication, subject to the same review standards and process. Articles will be published in English.

Editors-in-Chief:

| Randall Sakai  | Anton Scheurink |

15 Issues per year, ISSN: 0031-9384

www.elsevier.com/locate/phb

Food Quality and Preference

An official journal of the Sensometric Society

Food Quality and Preference publishes original research, critical reviews, topical and practical features and comment. In addition, the journal publishes special invited issues on important timely topics and on the proceedings of relevant conferences on sensory and consumer science, and sensometrics. All of these inputs are aimed at bridging the gap between research and application, bringing together authors and readers in consumer and market research, sensory science, sensometrics and sensory evaluation, nutrition and food choice, as well as food research, product development and sensory quality assurance. Submissions to Food Quality and Preference are limited to papers that include some form of human measurement; papers that are limited to physical/chemical measures will not be considered.

Editors:

| H.J.H. MacFie | H.L. Meiselman | J. Prescott |

8 Issues per year, ISSN: 0950-3293

www.elsevier.com/locate/fqap

View a sample issue of our journals online at: www.sciencedirect.com
The Role of Flavor in Regulation of Food Intake and Food Choice

Organizer
Kunio Torii, PhDs (Ajinomoto Co., Inc.) and Eiichiro Kimura, PhD (Ajinomoto U.S.A., Inc.)

Date
Wednesday
July 13th, 2011

Chair
Martin Yeomans, PhD,
Professor of Experimental Psychology,
University of Sussex, UK

Time
12:00 – 13:30
(Lunch will be provided)

Place
Sand Key Room in the Sheraton Sand Key Resort in Clearwater, Florida

Speakers
Martin Yeomans, PhD
Professor of Experimental Psychology,
University of Sussex, Brighton, UK
Title: Flavor and the Control of Appetite: an Overview and Research Agenda

Shuzhen Hao, MD, PhD; Toshifumi Imada; Kunio Torii *, PhDs; Eiichiro Kimura, PhD
Ajinomoto U.S.A., Inc., Fort Lee, NJ
*Ajinomoto Co., Inc., Tokyo, Japan
Title: A Randomized, Double-blind, Placebo-controlled, Crossover Clinical Study of Flavors on Food Intake and Food Choice in Healthy Adult Women

For more information about the symposium and contact, please visit: www.ajinomoto-usa.com and www.umamiresearch.com
Understand the benefits and review the facts.

alli boosts weight loss by 50%,¹,² with a nonsystemic mode of action that blocks about 25% of consumed fat.³,⁴

- alli significantly reduces visceral fat, total fat, and body weight along with a reduced-calorie, low-fat diet vs diet alone⁵
- In clinical studies, only 3% of patients prematurely withdrew for any diet-related GI side effects during the first 6 months of treatment⁶

myalliplan is a free online support program designed by experts to help increase your patients’ success.

- Weekly lessons establish healthy habits and meal plans to help patients make appropriate meal choices
- Targeted, personalized answers from qualified HCPs address patients’ questions, including how to avoid diet-related treatment effects

Used by millions of people worldwide to lose weight safely, alli is safe and effective when used as directed and is the only over-the-counter weight loss aid with FDA approval.

Find more facts at www.myalli.com/hcpgateway or call 1-800-378-4055.

NEW!

Restrict feeding by time or amount consumed

The NEW BioDAQ automated gate allows the investigator to program the gate to open or close at a specified time and/or when a specified amount of food or liquid is consumed.

The BioDAQ Food & Water Intake Monitor records the native episodic intake behavior of rats and mice at very high resolution in their home cage. The system records the time and date of the initiation of feeding and drinking behavior, how much was consumed, and the period of the feeding or drinking activity.

For more information ... visit www.ResearchDiets.com

BioDAQ
A product of Research Diets, Inc.