



PROGRAM

SSIB Annual Meeting

Naples Grande Resort & Club
Naples, Florida, USA

July 18-22, 2006

Abstracts appear in
Appetite 46(3): 337-394, 2006.

2005-2006

OFFICERS

<i>President</i>	Kenny Simansky, Ph.D., Drexel University College of Medicine
<i>President-Elect</i>	Hans-Rudi Berthoud, Ph.D., Pennington Biomedical Res. Ctr., LSU
<i>Past-President</i>	Wolfgang Langhans, D.V.M., Swiss Federal Institute of Technology
<i>Secretary</i>	Lisa Eckel, Ph.D., Florida State University
<i>Treasurer</i>	Allen S. Levine, Ph.D., VA Medical Center-Minneapolis
<i>Executive Officer</i>	Harry Kissileff, Ph.D., St. Luke's-Roosevelt Hospital

BOARD MEMBERS

Timothy J. Bartness, Ph.D.	Georgia State University
Harvey J. Grill, Ph.D.	University of Pennsylvania
Marion Hetherington, Ph.D.	University of Liverpool
Joel M. Kaplan, Ph.D.	University of Pennsylvania
Timothy H. Moran, Ph.D.	Johns Hopkins Univ. School of Medicine
Linda Rinaman, Ph.D.	University of Pittsburgh
Derek Snyder, M.S.	Yale University School of Medicine
Karen L. Teff, Ph.D.	National Institutes of Health-NIDDK
Michael Tordoff, Ph.D.	Monell Chemical Senses Center

TABLE OF CONTENTS

BOARD/OFFICERS	inside front cover
COMMITTEES	2
SPONSORS / ACKNOWLEDGMENTS	3
HONORS / AWARDS	4
SCHEDULE	5-23
Tuesday, July 18	5
Wednesday, July 19	6
Thursday, July 20	11
Friday, July 21	16
Saturday, July 22	21
UNPUBLISHED ABSTRACTS	24-26
PARTICIPANTS DIRECTORY	27-38
SOCIETY INFORMATION AND MEMBERSHIP	39
SUMMARY PROGRAM	inside back cover
2007 ANNUAL MEETING	back cover

WELCOME

Dear Colleagues,

It is a great pleasure for me to welcome you to the 14th Annual Meeting of the Society for the Study of Ingestive Behavior (SSIB) on behalf of all the Officers and Board Members of SSIB. I trust you will greatly enjoy the next four days here in the beautiful venue of Naples and find this time an exciting scientific and social experience.

The scientific program this year is outstanding. Tim Moran and the members of his Program Committee have put together an excellent program that is both varied and deep, with sessions and symposia focusing on many timely topics. And again this year we have an excellent roster of speakers for the Masterfoods Keynote Lectures.

Our Executive Coordinator Marianne Van Wagner has done a magnificent job organizing this conference. She handled a myriad of details related to planning the meeting, and, together with Treasurer Allen Levine, put together a sound budget. Indeed, over the last several months she was able to negotiate favorable deals with the hotel management for many aspects of the meeting. This was particularly important this year because - as I am sure you are aware of - this is the first SSIB meeting without a real local host. Therefore, Marianne, thank you very much from all of us for everything! The first-rate conference facilities and the beautiful surroundings of the Naples Grande Resort will provide for effective and enjoyable scientific sessions and for a splendid setting for the well deserved breaks between sessions as well as a for the banquet on Saturday night.

Many of the special features of our Annual Meeting – and there are more of them this year than ever before - would not be possible without the generous financial support of our sponsors. We think it is appropriate to reiterate our thanks frequently both to our generous corporate sponsors as well as to all the members who donated privately or have actively contributed to our fund raising efforts. In this context I also thank Gary Schwartz for his valuable help in securing the successful renewal of SSIB's NIH grant, which provides the financial basis for an interesting symposium and significantly contributes to the New Investigator Travel Awards.

Finally, I sincerely hope attendees who are not yet members of SSIB will be enticed by these four days to join our Society, which can be easily done by contacting Marianne or any of the SSIB Officers here in Naples, or by going to the SSIB website (www.ssib.org). In any case, we hope to welcome you again to our next meeting in Steamboat Springs (Colorado), July 24-29, 2007.

I am looking forward to a great meeting, to seeing so many of you here in Naples.

Kenny Simansky
SSIB President 2005-2006

LRPC/PROGRAM COMMITTEES

Long Range Planning Committee

- Joel Kaplan, Ph.D., Chair**, University of Pennsylvania, Pennsylvania, PA, USA (2006)
 Deborah Clegg, Ph.D., University of Cincinnati, Cincinnati, OH, USA (2006)
 Kevin Grove, Ph.D., Oregon Regional Primate Research Center, Beaverton, OR, USA (2006)
 Suzanne Higgs, Ph.D., University of Birmingham, Birmingham, UK (2008)
 Dianne Lattemann, Ph.D., VA Medical Center, Seattle, WA, USA (2008)
 Thomas Lutz, DVM, Ph.D., University of Zurich, Zurich, Switzerland (2007)
 Susan Swithers, Ph.D., Purdue University, Lafayette, IN, USA (2007)
 Daniel Tome, Ph.D., Institut National Agronomique Paris-Grignon, Paris, France (2007)
 Martin Yeomans, Ph.D., University of Sussex, Brighton, UK (2006)
-

Program Committee

- Timothy H. Moran, Ph.D., Chair**, Johns Hopkins University, Baltimore, MD, USA (2007)
 Joanne Cecil, Ph.D., University of St. Andrews, St. Andrews, Scotland (2008)
 Lisa Eckel, Ph.D., Florida State University, Tallahassee, FL, USA (2006)
 Barry E. Levin, M.D., DVA Medical Center, East Orange, NJ, USA (2006)
 Kevin Myers, Ph.D., Bucknell University, Lewisburg, PA, USA (2007)
 Marci Pelchat, Ph.D., Monell Chemical Senses Center, Philadelphia, PA, USA (2008)
 Gary Schwartz, Ph.D., Albert Einstein College of Medicine, Bronx, NY, USA (2007)
 Peter Wielinga, Ph.D., University of Zurich, Zurich, Switzerland (2008)

SPONSORS / ACKNOWLEDGMENTS

On behalf of the entire membership of the Society for the Study of Ingestive Behavior (SSIB), The Board and the Organizing Committee of the 2006 Annual Meeting sincerely thank the following organizations for their generous support of the Society:

Corporate Benefactors

Elsevier Science, Inc.
Masterfoods
Research Diets, Inc.
TestDiet[®] division of Land O'Lakes Purina Feed, LLC.

Corporate Sponsors

AstraZeneca
DSM Food Specialties

Grant Support

National Institute of Diabetes and Digestive and Kidney Diseases
National Institute of Mental Health
National Institute of Drug Abuse

Booth Exhibitors

TSE Systems, Inc.
Panlab S.L.

We also sincerely thank all the individual SSIB members who made personal contributions to the Society this year.

HONORS AND AWARDS

Distinguished Career Award

James Gibbs: Report from the Provinces

Alan N. Epstein Research Award

Thomas Lutz: Can There Be Life Without Amylin?

New Investigator Awards

Listed alphabetically here and marked in the program with #.

- Dr. Lori Asarian, Swiss Federal Institute of Technology (ETH), Switzerland
- Dr. Nicole M. Avena, Princeton University, USA
- Dr. Csilla Becskei, University of Zurich, Switzerland
- Ms. Kristel Diepvens, University of Maastricht, The Netherlands
- Ms. Elizabeth A. Duncan, University of Cincinnati, USA
- Mr. Su Gao, Johns Hopkins University School of Medicine, USA
- Mr. Rastafa I. Geddes, Penn State University, College of Medicine, USA
- Ms. Ariadne Legendre, University of Georgia, USA
- Dr. Natalie D. Luscombe-Marsh, University of Maastricht, The Netherlands
- Ms. Susan Melhorn, University of Cincinnati College of Medicine, USA
- Ms. Joanna R. Miragaya, University of Georgia, USA
- Ms. Anaya Mitra, University of Florida, USA
- Ms. Christa M. Patterson, New Jersey Medical School, USA
- Dr. Sumpun Thammacharoen, University of Zurich, Switzerland
- Ms. Ann-Marie M. Torregrossa, University of Utah, USA
- Dr. Andrea L. Tracy, University of Cincinnati, USA
- Ms. Heather G. Ward, Drexel University College of Medicine, USA
- Mr. Peter Y. Wielinga, University of Zurich, Switzerland
- Dr. Diana L. Williams, University of Washington, USA

PROGRAM***Tuesday, July 18, 2006***

- 10:00-12:00 ***Long Range Planning Committee Meeting*** – Location: Hotel Suite 702
- 12:15-2:15 ***SSIB Board Meeting*** – Location: Acacia I & II
- 3:00-5:30 ***Registration*** – Please use this time to pick up your name badges, receipts and program. Location: Royal Palm Foyer East
- 6:00-7:30 ***Welcome Reception for all Participants**** (hors d'oeuvres and cash bar) – Location: Royal Palm Foyer
- 7:30-9:30 ***Students Only--Get Acquainted Social Event**** (food and beverages will be provided) – Location: Hotel Suite 702

*These events are partially sponsored by TestDiet[®] division of Land O'Lakes Purina Feed, LLC.

Wednesday, July 19, 2006

NOTE: Presenting authors are indicated by **BOLD** print throughout the program.

Greeting – 8:15-8:30 **KENNY SIMANSKY**, *President*

Location: Royal Palm IV

Symposium 1 - 8:30-10:30

Location: Royal Palm IV

Neural and Endocrine Adaptations Affecting Body Energy Homeostasis During Pregnancy and Lactation

Chair: **L.M. RINAMAN**

8:30 **A.J. DOUGLAS**: Adaptations of oxytocin neurons during pregnancy: role in regulating food intake?

9:00 **D.R. GRATTAN**, **R.A. AUGUSTINE**, **S.R. LADYMAN**: Hormonal induction of central leptin resistance during pregnancy.

9:30 **K.L. GROVE**, **X.Q. XIAO**, **M.S. SMITH**: Central metabolic adaptations during lactation.

10:00 **B. WOODSIDE**, **L. NAEF AND C. FRATE**: Prolactin, leptin and the hyperphagia of lactation.

Oral Session 1 - 8:30-10:30

Location: Royal Palm I-III

Satiety and Binge Eating

Chair: **G.J. SCHWARTZ**

8:30 **A-M. TORREGROSSA**[#], **A.V. AZZARA**, **M.D. DEARING**: The herbivorous rodent *Neotoma albigula* regulates toxin intake through decreasing meal size.

8:45 **R.L. CORWIN**, **D.S. JOHNSON**, **F.H.E. WOJNICKI**: Different histories of optional fat access affect subsequent binge-type eating.

9:00 **A.M. NALEID**, **M. CHIMUKANGARA**, **M.K. GRACE**, **A.S. LEVINE**: CNS μ -opioid stimulation increases intake of high-fat but not high-sucrose diet depending on diet preference in a "binge" model of feeding.

9:15 **S. SOENEN**, **M.S. WESTERTERP-PLANTENGA**: Poor energy intake compensation of any type of liquid preload.

9:30 **B. BURTON-FREEMAN**: Examination of caseinomacropeptide (CMP) as a bioactive compound in whey inducing satiety.

9:45 **A.J.P.G. SMEETS**, **M.S. WESTERTERP-PLANTENGA**: Oral exposure and sensory-specific satiety.

10:00 **H.R. KISSILEFF**, **S. MCNALLY**, **R. GORDON**, **H. LOFINK**, **M. TORRES**, **M. LOWE**: Responsiveness to preloads in a laboratory study of three types of female dieters: preliminary report.

10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm V

11:00-12:00 *Masterfoods Keynote Lecture Series – Introduction – A.C. SPECTOR.*
LINDA BARTOSHUK: *Do you Taste what I Taste? Implications of Sensory Measurement for Health*
Location: Royal Palm IV

New Investigator Symposium – 4:00-6:00

Location: Royal Palm IV

Chair: K.J. SIMANSKY

- 4:00 **N.M. AVENA#**, P. RADA, B.G. HOEBEL: Underweight compared with normal-weight rats release more dopamine in the nucleus accumbens shell when bingeing daily on sugar.
- 4:15 **C. BECSKEI#**, N. HERNADFALVY, D. ARSENIJEVIC, T. A. LUTZ, W. LANGHANS, T. RIEDIGER: Inhibitory effects of LPS on hypothalamic nuclei involved in the control of food intake.
- 4:30 **S. GAO#**, S. AJA, K.P. KINZIG, K.L.K. TAMASHIRO, K.A. SCOTT, W.W. SMITH, Y. TU, G.V. RONNETT, E.E. LADENHEIM AND T.H. MORAN: Hypothalamic acetyl CoA carboxylase in arcuate nucleus is a mediator of AMP kinase actions in the control of food intake.
- 4:45 **A. MITRA#**, K. ROBERTSON, N.E. ROWLAND: Body weight and physiological measures during ontogeny in rats following intra-uterine growth retardation (IUGR).
- 5:00 **C.M. PATTERSON#**, B.E. LEVIN, M. FLESHNER: Three weeks of post-weaning exercise increases plasma interleukin-6 and permanently prevents obesity in obesity-prone rats fed high energy diet.
- 5:15 **S. THAMMACHAROEN#**, T.A. LUTZ, N. GEARY, L. ASARIAN: Hindbrain estradiol implants inhibit feeding and increase NTS c-Fos immunoreactivity in female rats.
- 5:30 **H.G. WARD#**, K.J. SIMANSKY: Temporal association of decreased food intake and cellular coupling of receptors to G-proteins after irreversible inhibition of mu opioid receptors (MORs) in the parabrachial nucleus (PBN).
- 5:45 **D.L. WILLIAMS#**, D.G. BASKIN, M.W. SCHWARTZ: Leptin enhances and fasting inhibits the anorexic response to Exendin-4 in the rat.

Poster Session 1 – 6:00-7:30

Location: Royal Palm VI-VIII

PALATABILITY

1. **B.C. DE JONGHE, A. HAJNAL, M. COVASA:** Decreased detection of gastric volume in young and old OLETF rats.
2. **B.C. DE JONGHE, A. HAJNAL, M. COVASA:** Flavor preference conditioning by intraduodenal nutrients is unaffected in OLETF rats.
3. **A. HAJNAL, R.C. TWINING, N.K. ACHARYA, P.S. GRIGSON, M. COVASA, C.S. FREET:** Increased operant performance for palatable sucrose solutions in obese OLETF rats.
4. **A.V. AZZARA, X. LI, G.J. SCHWARTZ:** OLETF rats have increased motivation to obtain sucrose pellets on a progressive-ratio schedule that is not mediated by Y1 receptors in the dorsomedial hypothalamus (DMH).
5. **J.E. HAYES, M.E. DINEHART, V.B. DUFFY:** Optimal liking of fat-sweet mixtures varies with markers of bitter taste and taste anatomy.
6. **M. COVASA, C.Y. HUNG, R.C. RITTER, G.A. BURNS:** Antagonism of hindbrain NMDA receptors containing NR2B and/or NR2A subunits increases the size of a sucrose meal.
7. **D.A. KLEIN, J.S. SCHEBENDACH, M.J. DEVLIN, G.P. SMITH, B.T. WALSH:** Modified sham feeding in women with bulimia nervosa and healthy controls.
8. **N.T. BELLO, A.S. GUARDA, J. HYUN, T.H. MORAN.** Reduced caloric availability with intermittent access to sweetened fat leads to binge-type feeding in rats.
9. **G.J. GOLDEN, T.A. HOUP:** MK-801 blocks acquisition of conditioned flavor-taste preferences.
10. **J.F. DAVIS, O. REIZES, D.J. CLEGG, S.C. BENOIT:** Syndecan-3 modulates the rewarding properties of sucrose.
11. **J.T. ALEXANDER-CHACKO, A.E. SAHR, M.A. STATNICK, D.K. SINDELAR:** The pan opiate antagonist, LY255582, reduces reward-based food intake.
12. **G. SCALERA, A. BIGIANI:** Effects of different gustatory nuclei lesions on Conditioned Taste Aversion learning in rats.
13. **A. ZHAREKOVA, C.H. VAUGHAN, Z. LI, J. PERIS, N.E. ROWLAND:** Robust operant responding by rats for an ethanol-Polycose gel.

14. **C.M. MATHES, N.E. ROWLAND:** Effect of a CB1 receptor antagonist on food motivation and taste preference in mice and rats.
15. **M.K. MANAOIS, A. FYALL, D. OSINCUP, B. WELLS, R. REESE, J.W. GRIMM:** Naloxone decreases sucrose seeking in rats even after long periods of forced abstinence.
16. **A. SCLAFANI, J.I. GLENDINNING:** Flavor conditioning by oral and post-oral actions of sucrose and sucralose in mice.
17. **K. TOUZANI, R.J. BODNAR, A. SCLAFANI:** Critical role of dopamine D1 receptors in nucleus accumbens shell in flavor preference conditioning by intragastric glucose infusion.
18. **X. GU, V. RYU, J.G. KIM, S. LEE, J.H. LEE, J.W. JAHNG:** Repeated exposure to capsaicin increases sucrose drinking and gene expression of sweet taste receptors in rats.
19. **R.F. LUNDY JR., M. COVOSA, A. HAJNAL:** Processing of sucrose-evoked activity in the parabrachial nucleus is altered in obese OLETF rats.
20. **E.V. IZBICKI, K.P. MYERS:** Caffeine consumption history alters the aversive and preference-reinforcing effects of caffeine in rats.
21. **K. ACKROFF, A. SCLAFANI:** Inconsistent pairing of sweet taste and energy does not affect rats' food intake.
22. **S. HIGGS, A.C. WILLIAMSON:** Recall of a recent meal decreases afternoon snack food intake: no effect of manipulation of snack food palatability.
23. **K.J. NEWHOUSE, B. GREEN, D.M. SMALL:** It smells so good I can almost taste it: Evidence that food and nonfood odors are localized differently within the nasal cavity.
24. **H.M. MURPHY, G.R. NADZAM, C.H. WIDEMAN:** Thermic and behavioral withdrawal symptoms provide further evidence of the addictive nature of sugar in the rat.

LEARNING/DISCRIMINATION

25. **N. DiPATRIZIO:** A Differential Role For Cannabinoid CB1 Receptors of the Lateral Parabrachial Nucleus In Regulating the Consumption of Palatable But Not a Standard Food
26. **D.C. JEWETT, J.M. WIEBELHAUS, T.W. HAHN, A.T. DUNN, E.J. MACK-OLSON, T.A. SCHWEINER, A.J. KWILASZ, T.R. SMITH, M.L. SCHNEIDER, M.K. GRACE, A.S. LEVINE:** Effects of corn oil consumption on the discriminative stimulus effects of 22 hours food deprivation.
27. **S.E. KANOSKI, T.L. DAVIDSON:** The impact of saturated fat on hippocampal-dependent inhibitory learning processes.

28. **T.L. DAVIDSON, E.K. WALLS, A. FERGUSON, J. MAK, S.E. SWITHERS:** Food viscosity as a determinant of caloric compensation and utilization.
29. **B. RAUDENBUSH, J. SMITH, T. CESSNA, K. MCCOMBS, R. YAHN:** Effects of sham intoxication on cognitive functioning and performance.
30. **B. RAUDENBUSH, I. WILSON, P. ZOLADZ:** Effects of sham intoxication: Impact on mood, pain perception and threshold, level of aggression, and physiology.
31. **E. GALARCE:** Effects of cues associated with surprising meal interruption on food consumption.

Thursday, July 20, 2006

Symposium 2 - 8:30-10:30

Location: Royal Palm IV

Basic and Clinical Science of Ingestion and Reward

Chairs: **J.A. NASSER** and **R.W. FOLTIN**

8:30 **R.W. FOLTIN, COLUMBIA UNIVERSITY AND THE NEW YORK STATE PSYCHIATRIC INSTITUTE, NEW YORK, USA:**

Are models of polydrug abuse useful for understanding food combinations?

9:00 **J.A. NASSER:** Are fatty acid/sugar combinations the dietary equivalent of the drug "speedball"?

9:30 **N. ABUMRAD:** The role of CD36 in the perception and utilization of dietary fatty acids: A molecular basis for dietary fat preference.

10:00 **J.D. SALAMONE, P.J. MCLAUGHLIN, K SINK, C BROWN:** Effects of cannabinoid antagonists on intake of different foods.

Oral Session 2 - 8:30-10:30

Location: Royal Palm I-III

GI Peptides

Chair: **E.E. LADENHEIM**

8:30 **P.K. CHELIKANI, A.C. HAVER, R.D. REIDELBERGER:** Low doses of peptide YY(3-36) (PYY) inhibit food intake without producing malaise in rats.

8:45 **K.A. SCOTT, T.H. MORAN:** Exendin-4 reduces food intake in non-human primates through changes in meal size.

9:00 **R.D. REIDELBERGER, A.C. HAVER, P.K. CHELIKANI:** Patterns of infusion of anorexigenic substances that reduce daily food intake and adiposity in freely-feeding rats.

9:15 **A.N. MADSEN, E.H.E.M. VAN DE WALL, A.V. AZZARA, B. SCHUSS, P.J. LARSEN, G.J. SCHWARTZ:** The anorectic effects of the cannabinoid 1 receptor (CB1R) antagonist Rimonabant persist following gut vagal deafferentation.

9:30 **D.J. CLEGG, S.C. BENOIT, L. BROWN, R. BUSH, O. REIZES:** Ghrelin antagonist is efficacious in lean but not obese rodents.

9:45 **J.A. REED, S.J. BENOIT, T.P. VAHL, D.A. D'ALESSIO, E.K. ORR, M.H. TSCHOEP, R.J. SEELEY:** Mice with high levels of central ghrelin expression and increased plasma ghrelin have impaired glucose tolerance.

10:00 **M.R. RICKELS, R. MUELLER, K.L. TEFF:** Hypoglycemia-induced hunger is not associated with increases in plasma ghrelin in humans.

10:15 **A. GELIEBTER, M.E. GLUCK, M. TAKAHASHI, F.X. PI-SUNYER, L. FLANCAUM:** Fasting ghrelin concentrations did not change 2 and 5 months following Rouen-Y-Gastric Bypass (RYGB) and demonstrated normal postmeal decline.

10:30-11:00 **Break/Exhibitors' Display** - Location: Royal Palm V

11:00-12:00 *Masterfoods Keynote Lecture Series – Introduction – W. LANGHANS.*
ANDREW J. HILL: The Psychology of Food Cravings
Location: Royal Palm IV

NIH Sponsored Symposium – 4:00-6:00

Location: Royal Palm IV

Images of Ingestive Behavior

Chair: M. PELCHAT

4:00 *N.D. VOLKOW, G-J. WANG, J.S. FOWLER:* Common brain mechanisms in addiction and obesity.

4:30 *D.M. SMALL:* Brain representation of food reward in normal weight humans.

5:00 *A. DELPARIGI:* Searching for neurofunctional markers of regulation of eating behavior in humans.

5:30 *J. TREASURE, S. BROOKS, H.C. FREIDRICH, R. UHER, I. CAMPBELL:* What do we understand about the brain mechanisms underpinning the eating disorders.

Poster Session 2 – 6:00-7:30

Location: Royal Palm VI-VIII

APPETITE AND SATIETY

32. **E. ALMIRON-ROIG, R. VIRGILI, S. PINAUD, A. ERKNER, H. GREEN:** Validation of a hand-held electronic appetite rating system.
33. **L.F. HARTHOORN, E. DRANSFIELD:** Periprandial changes of the autonomic nervous system related to perceived satiety in humans.

GUT PEPTIDES

34. **E.H.E.M. VAN DE WALL, S.J. HONG, A.V. AZZARA, G.J. SCHWARTZ:** Peripheral ghrelin reverses the anorectic effect of lipopolysaccharide.
35. **M. BEHL, E.K. WALLS, J. MAK, T.L. DAVIDSON:** Intake suppression following intracerebroventricular and intrahippocampal CCK-8.
36. **FAULCONBRIDGE, L.F., ROOD, K.H., GRILL, H.J., KAPLAN, J.M., DANIELS, D:** Ghrelin induces Fos expression in the nucleus of the solitary tract, but not the arcuate nucleus, after fourth ventricular delivery.
37. **P.J. WELLMAN, C. HOLLAS, S. CLIFFORD, A. ELLIOTT:** Augmentation of cocaine hyperlocomotion by chronic administration of ghrelin in the rat.
38. **S.J. RABOIN, S. GULLEY, S.C. HENLEY, W-C. CHAN, A.R. ESDAILE, S.K. SHARMA, C.N. SULLIVAN, C.A. JACKSON, L.H. BILLUPS, T.H. MORAN, J.R. REEVE, G.M. GREEN, A.I. SAYEGH:** Cholecystokinin-8 activates the myenteric plexus of the rat directly.
39. **P.K. CHELIKANI, A.C. HAVER, R.D. REIDELBERGER:** Relative potencies of anorexigenic substances in suppressing food intake in freely-feeding rats.
40. **R.D. REIDELBERGER, A.C. HAVER:** Action of circulating amylin to decrease food intake in rats.
41. **M.R. HAYES, M. COVASA:** Gastric distension enhances CCK-induced c-Fos expression in the dorsal hindbrain by activating 5-HT₃ receptors.
42. **C.H. VAUGHAN, C. HASKELL-LUEVANO, A. ANDREASEN, N.E. ROWLAND:** Short term food intake in MC4RKO mice after CCK and bombesin administration.
43. **J.V. NGUYEN, L. RINAMAN:** Anorexic doses of the amylin analog salmon calcitonin (sCT) support conditioned flavor avoidance in rats.

44. **C. MACK, J. ROAN, J. WILSON, J. REYNOLDS, M. TRYON, C. VU, D. PARKES, K. LAUGERO:** Increased preference for standard versus palatable chow during long-term amylin treatment.
45. **M. SCHROEDER, O. ZAGOORY-SHARON, T.H. MORAN, S. BI, A. WELLER:** Pair-feeding studies in young CCK1 spontaneous knockout rats.

STRESS

46. **K.L.K. TAMASHIRO, K.A. SCOTT, J. HYUN AND T.H. MORAN:** Influence of prenatal stress and high fat diet on offspring.
47. **S.J. MELHORN#, K.L.K. TAMISHIRO, M.M.N NGUYEN, L.Y. MA, R.R. SAKAI:** Influence of chronic social stress on food intake.
48. **A.G. NIEUWENHUIZEN, F. RUTTERS, M. LEJEUNE, M.S. WESTERTERP-PLANTENGA:** Cognitive dietary restraint and disinhibition are associated with higher plasma cortisol concentrations in women.
49. **A. LEGENDRE#, R.B. HARRIS:** Exaggerated endocrine response to mild stress in rats fed high fat diet.
50. **J.R. MIRAGAYA#, R.B.S HARRIS:** Antagonism of 4th ventricle corticotropin releasing factor receptors (CRFR) exaggerates the effects of stress on food intake.
51. **C. CHOTIWAT, R.B.S. HARRIS:** Increased Anxiety-like Behavior during the post-stress period in Mice Exposed to Repeated Restraint.
52. **S.B. YOO, V. RYU, J.W. CHANG, J.W. JAHNG:** Ad libitum sucrose or saccharin for 1 h reverses fasting-induced increase in plasma corticosterone.

STEROIDS

53. **M.M. MESSINA, A.R. CHANDLER, A.K. MEHLE, J.M. OVERTON:** Ovariectomy produces weight gain via different mechanisms in female mice and rats.
54. **J. SANTOLLO, L.A. ECKEL:** Sex differences in the behavioral response to melanin-concentrating hormone.
55. **P.C. BUTERA, A.J. FURA, S. NODZO:** Cyclic estradiol treatment modulates the effects of ghrelin on food intake and meal patterns in female rats.
56. **M.A. HONORS, P.C. BUTERA:** Activation of IL-1 receptors is not required for the suppression of food intake during the ovarian cycle.

57. **J.B. CHAMBERS, J.U. HEIMAN, D.J. CLEGG, S.C. BENOIT:** Sex and strain differences impact learning and motivation in DR and DIO rats.
58. **Z. YU, FHE WOJNICKI, RL CORWIN:** Effects of hormone replacement on binge-type eating in ovariectomized female rats.
59. **M.M.N. NGUYEN, S.J. MELHORN, K.L.K. TAMASHIRO, L.Y. MA, R.R. SAKAI:** Influences of androgens on body weight regulation and food intake during chronic psychosocial stress and recovery.
60. **H.M. RIVERA, D.R. LOCKWOOD, B.S. KWON, T.A. HOUP, L.A. ECKEL:** Estradiol treatment increases Pet-1 and serotonin transporter (5HTT) gene expression in the ovariectomized rat.
61. **B. KOPF, N. GEARY, W. LANGHANS, L. ASARIAN:** Sex differences in bacterial lipopolysaccharide (LPS)-induced c-Fos expression in the rat brain.
62. **N.D. LUSCOMBE-MARSH#, M.P.G.M. LEJEUNE, M.S. WESTERTERP-PLANTENGA:** Gender differences in GLP-1, satiety and hunger responses in high versus standard protein diets consumed at energy balance.

Friday, July 21, 2006

Symposium 3 - 8:30-10:30

Location: Royal Palm IV

Forebrain and Hindbrain: Neural Network Interactions for Controlling Feeding

Chair: **A.G. WATTS**

8:30 **L.W. SWANSON**: Structural organization of the essential circuit underlying mammalian ingestive behavior.

9:00 **A.G. WATTS, C. NEUNER, D. SALTER, R.H. THOMPSON**: Interactions between the telencephalon and hypothalamus during anorexia.

9:30 **G.D. PETROVICH**: Amygdalo-hypothalamic circuitry and control of food consumption by learned cues.

10:00 **H-R. BERTHOUD, L.M. PATERSON, H. ZHENG**: Forebrain – hindbrain interactions in the control of food intake and energy balance.

Oral Session 3 - 8:30-10:30

Location: Royal Palm I-III

Weight Regulation and Obesity

Chair: **K.L. TEFF**

8:30 **N. VOGELS, D.L.A. POSTHUMUS, E.C.M. MARIMAN, F.G. BOUWMAN, P. RUMP, G. HORNSTRA, M.S. WESTERTERP-PLANTENGA**: Determinants of overweight in a Dutch children cohort.

8:45 **T.V.E. KRAL, R.I. BERKOWITZ, A.J. STUNKARD, V.A. STALLINGS, M.S. FAITH**: Caloric beverage consumption in children: A behavioral phenotype for obesity?

9:00 **M. CIAMPOLINI**: Infants do request food at the hunger glycemic level, but adults don't any more.

9:15 **D.A. LEVITSKY**: Constancy of body weight does not mean physiological regulation.

9:30 **K. DIEPVEN#S, S. SOENEN, J. STEIJNS, M. ARNOLD, M.S. WESTERTERP-PLANTENGA**: Long-term effects of consumption of yoghurt with a novel fat emulsion (Olibra) in relation to body-weight management.

9:45 **L. ASARIAN#, N. GEARY, W. LANGHANS**: High-fat feeding produces early onset adiposity in serotonin (5-HT) 2C receptor mutant mice.

10:00 **P. JAROSZ, J. KESSLER, P.K. SEKHON, D.V. COSCINA**: Conditioned place preferences (CPPs) to high-calorie "snack foods" in rats genetically prone vs. resistant to diet-induced obesity.

10:15 **G. FROMENTIN, C. GAUDICHON, D. AZZOUT-MARNICHE, D. TOME**: Macronutrient composition, food intake and body composition in the rat.

10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm V

11:00-12:00 Masterfoods Keynote Lecture Series – Introduction – H-R. Berthoud.

WILLIAM A. BANKS: *Appetite, Wild Baboons, and the Blood-brain Barrier: Evolutionary Insights into Epidemic Obesity.*

Location: Royal Palm IV

Symposium 4 – 4:00-6:00

Location: Royal Palm IV

Interactions among Food, Water and Salt Intake

Chair: K.S. CURTIS and D. DANIELS

4:00 E.M. STRICKER: Control of thirst and salt appetite in rats by pre-systemic stimuli.

4:30 A.V. FERGUSON: Circumventricular organs as integrators of circulating signals controlling fluid and food intake.

5:00 B.J. OLDFIELD, J. KAMPE, J.H. HOLLIS: Central neural circuitry subserving thirst and hunger – divergence and commonalities.

5:30 J.C. SMITH, K.S. CURTIS: Microstructural analyses of food, water, sucrose and salt intake.

Oral Session 4 – 4:00-6:00

Location: Royal Palm I-III

Central Mechanisms of Feeding

Chair: L.A. ECKEL

4:00 H. SHI, A.D. STRADER, J.B. CHAMBERS, J.E. SORRELL, D.J. CLEGG, S.C. WOODS, R.J. SEELEY: The leptin driven melanocortin pathway in the regulation of body fat and glucose homeostasis is sexually dimorphic.

4:15 E.A. DUNCAN#, S.C. WOODS: The role of melanin-concentrating hormone in alcohol drinking in mice.

4:30 S. BI, J. HYUN, M. SCHROEDER, O. ZAGOORY-SHARON, A. WELLER, T.H. MORAN: Development of neuropeptide Y overexpression in the dorsomedial hypothalamus in OLETF rats lacking cholecystokinin (CCK) A receptor.

4:45 A.L. TRACY#, J.F. DAVIS, J.U. HEIMAN, D.J. CLEGG, T.L. DAVIDSON, S.C. BENOIT: Appetitive and motivational effects of agouti-related peptide (AgRP) on responding for fat and carbohydrate.

5:00 G.P. SMITH, J.C. SMITH: D1 and D2 dopamine antagonists have differential effects in repetitive brief-access tests with sucrose.

5:15 S.F. LEIBOWITZ, O. KARATAYEV, R. AHSAN, V. GAYSINSKAYA, G.-Q. CHANG: Dietary fat stimulates enkephalin and dynorphin in the paraventricular nucleus: Role of circulating lipids.

5:30 R.I. GEDDES#, L. HAN, A. BALDWIN, P.S. GRIGSON: Asymmetric lesions of the gustatory thalamocortical loop selectively disrupt morphine-induced contrast, while sparing LiCl-induced conditioned taste aversion (CTA) learning.

Poster Session 3 – 6:00-7:30

Location: Royal Palm VI-VIII

CENTRAL INGESTIVE MECHANISMS

63. **E.E. LADENHEIM, R.R. BEHLES, S. BI, T.H. MORAN:** Gastrin-releasing peptide and melanocortin-4 receptor mRNA's are co-localized in the rat hypothalamic paraventricular nucleus.
64. **T. APPL, M. SCHINDLER:** Neurochemical characterisation of activated neurones of the rat brain by scheduled feeding regimen.
65. **C.D. MORRISON, C.L. WHITE, X. XI, J. YE, R.J. MARTIN:** Direct regulation of food intake and hypothalamic gene expression by amino acids.
66. **L. FRANK, L. STILES, G. BEHR, E.N. POTHOS:** Prewired synaptic plasticity in central dopamine systems of obesity-prone rats and mice.
67. **B.L. HUGHES, M.J. DILL, L.K. NISENBAUM, D.K. SINDELAR:** Cumulative effect of an OX-1 receptor antagonist on food intake, body weight, and body composition in diet-induced obese (DIO) Long-Evans rats.
68. **S.K. BILLES, M.A. COWLEY:** Dopamine and norepinephrine reuptake inhibition both contribute to bupropion-induced hypophagia in obese mice.
69. **C.S. PATTEN, D. DANIELS, A. SUZUKI, S.J. FLUHARTY, D.K. YEE:** Structural requirements of the melanocortin 4 receptor for MAP kinase activation.
70. **C.M. NEUNER, A.G. WATTS:** Effects of GABA in the nucleus accumbens shell on ingestive behavior after dehydration-anorexia.
71. **P. SINNAYAH, L. TONELLI-LEMONS, A.J. EUSTERBROCK, K.L. GROVE, M.A. COWLEY:** The VTA modulates feeding behaviour induced by cannabinoid receptor antagonists in both wildtype and Agouti mice.
72. **M.J. BARNES, D. BRAYMER, G.A. BRAY:** Stimulation of food intake by mu opioid agonists is blocked by NPY antagonist.
73. **R. FAIPOUX, O. RAMPIN, N. DARCEL, S. GOUGIS, D. GIETZEN, D. TOME, G. FROMENTIN:** Ibotenic acid lesions of the anterior piriform cortex do not increase high-protein nor amino acid imbalanced diet intake in rats.

OBESITY

74. **G. HANSEN, A.N. MADSEN, B.E. LEVIN, R.V. SØRENSEN, N. VRANG, P.J. LARSEN, M. TANG-CHRISTENSEN:** Spontaneous physical activity, energy expenditure and meal structure during the development and maintenance of diet induced obesity.
75. **J. DILL, J. ALEXANDER-CHACKO, B. HUGHES, N. NEWTON, D.K. SINDELAR:** Improvement in the insulin sensitivity index with weight loss in rodents fed a 40% fat diet.
76. **M.G. TORDOFF, Q. ZHANG, D.R. REED:** Diversity in dietary obesity in inbred mice.
77. **N. HARIRI, B. AZADI, L. THIBAUT:** Effect of dietary fatty acid composition on the development of obesity and its reversal in rats.
78. **D.M. PENN, J. WHITE, E.W. KELSO, R.B.S. HARRIS:** Sympathetic denervation of specific white fat depots modifies size and norepinephrine content of distant intact depots.
79. **E.W. KELSO, R.B.S. HARRIS:** Sympathetic denervation of epididymal (EPI) or inguinal fat (ING) pads changes norepinephrine turnover in other intact fat depots.
80. **J. POWER, E.W. KELSO, T.J. BARTNESS, H.J. GRILL, R.B.S. HARRIS:** The effect of peripheral leptin infusions on energy balance in chronically maintained decerebrate rats.
81. **J.E. DAVENPORT, R.B.S. HARRIS:** Leptin does not regulate the size of white fat transplants.
82. **C. CHESNEAU, L. THIBAUT, D.A. BOOTH:** Sustainable customs of food intake and physical activity that induce loss of weight.
83. **A.C. TETLEY, J.M. BRUNSTROM:** Food-cue reactivity predicts overweight and larger food portion sizes in humans.
84. **N. VOGELS, K.R. WESTERTERP, D.L.A. POSTHUMUS, F. RUTTERS, M.S. WESTERTERP-PLANTENGA:** Daily physical activity and activity-counts as a function of body weight in a Dutch children cohort.
85. **W.D. KNIGHT, M.M. MESSINA, A.D. PARSONS, J.M. OVERTON:** Re-feeding induces rapid recovery of cardiovascular and metabolic responses after one year of caloric restriction in male FBNF1 rats.

WATER/SALT INTAKE

86. **K.S. CURTIS, R.J. CONTRERAS:** Estrogen decreases the latency to begin water intake in ovariectomized rats given a hypertonic NaCl infusion.
87. **D.A. FITTS, D.J. FEMIANO, D.K. ZIERATH, A.V. SAVOS, J.M. HO, J.E. BASSETT:** Fos expression in the paraventricular nucleus (PVN) after intragastric hyperosmotic NaCl in rats without a rise in plasma osmolality: gut osmotic clamp.
88. **J.M. HO, D.K. ZIERATH, A.V. SAVOS, D.J. FEMIANO, J.E. BASSETT, M.J. MCKINLEY, D.A. FITTS:** Effects of an intravenous infusion of NaCl, glucose, or urea on drinking latency and Fos expression in the circumventricular organs and hypothalamus of the rat.
89. **V. RYU, X. GU, J.G. KIM, J.S. LEE, J.-H. LEE, J. W. JAHNG:** nNOS expression increases during water deprivation and decreases shortly after water reconsumption in the rat PVN.
90. **C.A. SMITH, E.M. STRICKER:** Intestinal denervation eliminates the rapid inhibitory signal associated with distention of the stomach and small intestine when dehydrated rats drink water.
91. **M.L. HOFFMANN, E.M. STRICKER:** Presystemic stimulation of neurohypophyseal vasopressin secretion while rats eat high-NaCl diet.
92. **S.T. OMOUESSI, C. FALCONETTI, S.N. THORNTON:** Low dose DOCA stimulates salt appetite in obese Zucker rats; effect of dose and synergistic action with central angiotensin II.

Saturday, July 22, 2006

Symposium 5 – 8:30-10:30

Location: Royal Palm IV

Food Reward: A Critical Factor in the Etiology and Treatment of Obesity and Binge Eating

Chair: **H.A. RAYNOR**

8:30 **B.G. HOEBEL**, N.M. AVENA, M. BOCARSLY, P. RADA: Eating for dopamine: effects of learning, weight loss, bingeing and purging.

9:00 **M.M. BOGGIANO**, P.C. CHANDLER, C.E. PRITCHETT, M.L. SMITH: Dieting, junk food, and stress alter food reward in rat models of binge-eating.

9:30 **M.R. LOWE**: The power of food: A new dimension of appetite and a new scale to measure it.

10:00 **H.A. RAYNOR**: The reinforcing value of food: Implications for obesity treatment.

Oral Session 5 - 8:30-10:30

Location: Royal Palm I-III

Substrate Utilization and Energy Balance

Chair: **R.B.S. HARRIS**

8:30 **E.Z. PARSONS**, E. LONDON, J. MOORE, D. MENGESHA, **T.W.**

CASTONGUAY: 11 β hydroxysteroid dehydrogenase-1 and obesity.

8:45 **P.Y. WIELINGA**#, B. ALDER, T.A. LUTZ: The effect of amylin on energy expenditure.

9:00 **M.P.G.M. LEJEUNE**, N.D. LUSCOMBE-MARSH, **M.S. WESTERTERPLANTENGA**: 24h energy expenditure, GLP-1 and satiety during a high protein diet measured in a respiration chamber in lean men.

9:15 **N. GEARY**, K. BRANDT, M. LEONHARDT, M. ARNOLD, W. LANGHANS: Vagal and non-vagal contributions to the control of eating by fat metabolism.

9:30 **E. AYSIN**, K. NONOGAKI, M. LOWE: A potential new indicator of weight gain: autonomic nervous system activity (ANSA).

9:45 **S. AJA**, J.M. MCFADDEN, A. APLASCA, E. PLUMMER, J. HYUN, S.M. MEDGHALCHI, A. VADLAMUDI, J.N. THUPARI, C.A. TOWNSEND, F.P. KUHAJDA, T.H. MORAN, G.V. RONNETT: Intracerebroventricular administration of either C89b, a stimulator of carnitinepalmitoyl-transferase-1 (CPT-1s), or cerulenin, an inhibitor of fatty acid synthase (FASi), reduces food intake and body weight in mice.

10:00 **N. ABUMRAD**: The role of CD36 in the perception and utilization of dietary fatty acids: A molecular basis for dietary fat preference.

10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm V

11:00-12:00 Masterfoods Keynote Lecture Series – Introduction – KJ Simansky.

TIM BARTNESS: Brain-Adipose Crosstalk

Location: Royal Palm IV

Symposium 6 - 1:30-3:30

Location: Royal Palm IV

Stress and Obesity

Chair: **R.R. SAKAI**

Co-Chair: **L.P. REAGAN**

1:30 **S.L. TEEGARDEN, D.E.**

PANKEVICH, K.M. CARLIN, T.L. BALE: The road to obesity: how stress drives us there.

2:00 **R.R. SAKAI:** Chronic social stress affects body weight and composition.

2:30 **C.A. GRILLO, K.L. TAMASHIRO, G.G. PIROLI, J.T. GASS, S.P. WILSON, R.R. SAKAI, L.P. REAGAN:** Downregulation of hypothalamic insulin receptor expression and signaling by lentivirus mediated gene transfer.

3:00 **T.C. ADAM, E.S. EPEL:** Stress, eating, and obesity: neuroendocrine mediators and sequelae.

Oral Session 6 - 1:30-3:30

Location: Royal Palm I-III

Preferences/Aversions

Chair: **K.P. MYERS**

1:30 **S. JARVANDI, D.A. BOOTH, L. THIBAUT:** Rats learn anticipatory hunger with a choice of foods as well as on a single diet.

1:45 **M.G. TORDOFF, L.K. ALARCÓN, F. OLLINGER, M.P. LAWLER, D.M. PILCHAK, A.A. BACHMANOV, D.R. REED:** Genetic controls of voluntary calcium and sodium consumption: Quantitative trait loci determined from C57BL/6J x PWK/PhJ segregating hybrid mice.

2:00 **L.A. DE LUCA JR, D.T.B. PEREIRA, A.L. SANTOS, J.V. MENANI:** Enhanced need-free sodium intake in the water deprivation-water repletion model.

2:15 **M.C. CLINTON, M. GARCEA, A.C. SPECTOR:** Pre-surgical taste experience attenuates the partial loss of behavioral responsiveness to quinine after gustatory deafferentation of the tongue.

2:30 **K.J. SIMANSKY*, D.M. NICKLOUS, C. PAUL, A.G. ROMANO:** The serotonergic agonist, GR46611 decreases the acquisition but not the expression of learned jaw movements for sucrose reward in a pavlovian paradigm in rabbits.

2:45 **K.P. MYERS, S.P. BRADLEY:** A test of the hedonic and anticipatory hypotheses of nutrient-conditioned flavor preferences.

3:00 **D.R. LOCKWOOD, T.A. HOUP:** Phosphatase blockade in the amygdala enhances both conditioned taste aversion learning and cAMP-mediated cellular activation.

3:15 **B.S. KWON, T.A. HOUP:** Expression of c-Fos-LacZ transgene after LiCl administration.

Awards and Award Lectures

Location: Royal Palm I-III

3:40 *Award Announcements*

K.J. SIMANSKY

Gerard P. Smith Award for the best graduate student presentation

TestDiet® Jackson Lab Scholarship for the best post-doc presentation

3:45 *Alan N. Epstein Research Award*

Chair: **H-R. BERTHOUD**

THOMAS LUTZ: Can There Be Life Without Amylin?

4:15 *Distinguished Career Award*

Chair: **K.J. SIMANSKY**

JAMES GIBBS: Report from the Provinces

5:00 *Business Meeting (OPEN TO ALL SSIB MEMBERS)*

Location: Royal Palm I-III

7:00 *Banquet – Dinner and Dancing*

Location: Royal Palm IV-V

ABSTRACTS

Abstracts for the 2004 SSIB meeting appear in *Appetite* 46 (3): 337-394, 2006. Abstracts not published in *Appetite* per the authors' request are printed below in alphabetical order.

STRESS, EATING, AND OBESITY: NEUROENDOCRINE MEDIATORS AND SEQUELAE.

T.C. ADAM, E.S. EPEL. Department of Psychiatry, University of California, San Francisco, CA 94122, USA.

Animal studies show that stress alters food intake and induces a redistribution of fat toward central fat stores. These relationships are challenging to study in humans. Our lab will review human lab and field studies examining relations between stress, cortisol and insulin, with food intake and adiposity, and present new data on individual differences in how naturalistic stress influences macronutrient selection and neuroendocrine milieu (insulin and cortisol).

REDUCED CALORIC AVAILABILITY WITH INTERMITTENT ACCESS TO SWEETENED FAT LEADS TO BINGE-TYPE FEEDING IN RATS.

N.T. BELLO, A.S. GUARDA, J. HYUN, T.H. MORAN. Johns Hopkins University School of Medicine, Dept. Psychiatry and Behavioral Sciences, Baltimore, MD 21205, U.S.A.

Short-term caloric restriction has been reported to precede the bingeing episodes of bulimic patients. In addition, the preferred binge foods are often sweet and fatty. We attempted to model these aspects of bingeing behavior to determine whether they would lead to bingeing in adult male Sprague Dawley rats. We employed a three-day paradigm of no restriction, restriction, and binge access. On the no restriction days, rats (n=6) had ad lib chow. On the restriction days, rats had 24h access to 33% of their no restriction day's chow intake. This was followed by a "binge period", 2h into dark period on the following day in which a 2h access to sweetened fat (90% Crisco and 10% sucrose blend) option and chow was provided. A control group (n=6) had ad lib sweetened fat option and chow, but no caloric restriction. After a 3 wk repetition of this cycle, rats consumed 92.4 ± 9.32 Kcal during "binge period" with 59% derived from the sweetened fat. In addition, the 2h "binge period" calories approximated the 24h total calories of the no restriction days (96.8 ± 6.0 kcal). There was also a trend for the 24h total caloric intake on the "binge" days to be higher ($p=0.07$) than the 24h total caloric intake of the controls (146.8 ± 11.45 vs. 108.9 ± 14.84 Kcal). These results suggest that caloric restriction a sweetened high fat food results in binge-like behavior providing a model for assessing the neural and metabolic consequences of such behaviors. Supported by DK070707.

FOREBRAIN – HINDBRAIN INTERACTIONS IN THE CONTROL OF FOOD INTAKE AND ENERGY BALANCE.

H-R. Berthoud, L.M. Patterson, H. Zheng. Neurobiology of Nutrition Laboratory, Pennington Biomedical Research Center, Louisiana State University System, 6400 Perkins Road, Baton Rouge, Louisiana 70808, USA.
berthohr@pbrc.edu.

Ingestive behavior is controlled by a complex interplay between signals conveying availability of (1) potentially ingestible food in the environment, (2) digestible food in the alimentary canal, (3) circulating fuels, and (4) stored fuels. Each of these four classes of signals interact with specific sensors and neural circuits whose integrated output determines when food intake is initiated and when it is stopped. Because the final common path responsible for oromotor control is contained within complex neural pattern generators within the brainstem and is intimately linked to sensory information from the alimentary canal, at least part of the integration between the four classes of signals is thought to take place at the level of the caudal brainstem. More specifically, hypothalamic peptidergic neurons receiving metabolic information from the arcuate nucleus and additional information from various cortico-limbic structures, in turn, project to the dorsal vagal complex to modulate the potency of direct controls of meal ingestion. Recent data from our combined anatomical, electrophysiological, cell signaling, and behavioral assessment of examples of this integrative process will be presented. Supported by NIH grants DK47358, DK 57252 and DK071082.

A DIFFERENTIAL ROLE FOR CANNABINOID CB1 RECEPTORS OF THE LATERAL PARABRACHIAL NUCLEUS IN REGULATING THE CONSUMPTION OF PALATABLE BUT NOT A STANDARD FOOD.

N.V. Di Patrizio, K.J. Simansky, Drexel University College of Medicine, Department of Pharmacology and Physiology, Philadelphia, Pennsylvania.

Cannabinoid CB1 receptors (CB1Rs) serve a role in modulating feeding and are the targets of new antagonist drugs for treating obesity. Our laboratory focuses on study of the lateral parabrachial nucleus (LPBN) of the pons, a brainstem region associated with integrating neurotransmission from multiple sensory systems, including information regarding ingestion. Investigations into identifying roles for CB1R activity of specific brain regions in the context of ingestion are limited, with no research on actions in the LPBN. Using immunohistochemistry, we demonstrated the presence of CB1Rs in the LPBN. Through guanylyl 5'-[gamma-[³⁵S]thio]-triphosphate (GTP- γ -S) autoradiography in vitro, we evaluated CB1R-mediated G-protein coupling activity in the LPBN. The endogenous cannabinoid (endocannabinoid) agonist, 2-arachidonoylglycerol [(2-AG) 50 μ M] stimulated incorporation of GTP- γ -S. The CB1R antagonist/inverse agonist AM251 blocked this response. Given the presence of active parabrachial CB1Rs, we compared the effects of stimulating these receptors in the LPBN on ingestion of a palatable diet containing high-fat and sucrose (Research Diets #D12331: 5.558 kcal/g; 58% kcal fat content) with actions on a standard laboratory chow. Using separate groups of male Sprague-Dawley rats implanted with bilateral cannulae in the LPBN, we infused 2-AG (1 nmol/0.5 μ l/side) and measured food intake for four hours. 2-AG significantly increased consumption compared to control (vehicle) 30 min postinfusion (n=7: Veh, 6.1, \pm 0.5g; 2-AG, 10.1, \pm 0.8g; p<0.001). Alternately, 2-AG failed to modify intake of standard chow at 30 min (n=7: Veh, 0.08, \pm 0.01; 2-AG, 0.07, \pm 0.02g). Our data suggest a role for LPBN CB1Rs in regulating consumption of palatable, but not standard laboratory food. USPHS DK067648 to KJSimansky.

EFFECTS OF AN INTRAVENOUS INFUSION OF NA CL, GLUCOSE, OR UREA ON DRINKING LATENCY AND FOS EXPRESSION IN THE CIRCUMVENTRICULAR ORGANS AND HYPOTHALAMUS OF THE RAT.

J.M. Ho, D.K. Zierath, A.V. Savos, D.J. Femiano, J.E. Bassett, M.J. McKinley*, D.A. Fitts. Department of Psychology, University of Washington, Seattle, WA 98195-1525 USA. *Howard Florey Institute, University of Melbourne, Melbourne, 3010, Australia.

In 1978-80, investigators using sheep, rats, and dogs demonstrated that hyperosmotic infusions of intravenous (iv) NaCl were more potent for inducing drinking and vasopressin (AVP) secretion than equally osmotic solutions of glucose or urea. The fact that all three solutes increased cerebrospinal fluid (CSF) osmolality and sodium concentration led the investigators to conclude that critical sodium- or osmoreceptors for stimulating drinking and AVP secretion were outside the blood-brain barrier (BBB) in the circumventricular organs (CVOs). We tested an obvious prediction of this hypothesis: that all three solutes should increase Fos-like immunoreactivity (Fos-IR) inside the BBB, but that only NaCl should increase Fos-IR in the CVOs. We gave iv infusions of 3.0 Osm/L NaCl, glucose, or urea to rats for 10 or 20 min at 0.14 ml/min and perfused the rats for assay of Fos-IR at 90 min. Controls received isotonic NaCl at the same volume. Drinking latency was measured, but water was then removed. Drinking consistently occurred with short latency during hyperosmotic NaCl infusions only. Fos-IR in the forebrain CVOs, the subfornical organ and organum vasculosum laminae terminalis, was consistently elevated only by hyperosmotic NaCl. However, all three hyperosmotic solutes potently stimulated Fos-IR in the supraoptic and paraventricular nuclei of the hypothalamus inside the BBB. Hyperosmotic NaCl greatly elevated Fos-IR in the area postrema, but even glucose and urea caused moderate elevations that were probably related to volume expansion rather than osmolality. The data provide strong support for the conclusion that the osmoreceptors controlling drinking are located in the CVOs.

EFFECTS OF CUES ASSOCIATED WITH SURPRISING MEAL INTERRUPTION ON FOOD CONSUMPTION.

E. Galarce, Johns Hopkins University, Baltimore, Maryland.

Experience has a dramatic effect on feeding related behaviors. Learned cues may prepare an organism to forage, consume and digest food more efficiently. Even more, environmental signals provide information about food availability and, thus, enable animals to make predictions about future food resources, and subsequently, to act upon that knowledge. In this way, in presence of a cue that signals the presence of food, an animal can eat beyond its present needs to cope with predicted future famine. Interestingly, stimuli paired with meal interruption have a similar effect. That is, signals that have been paired with surprising meal terminations can increase food consumption in a significant manner. Here, using a novel Pavlovian conditioning procedure, food-deprived rats learn to associate a conditioned stimulus with an abrupt termination of a food trial. When tested in extinction, these signals show to have an inhibitory effect on appetitive behaviors. On the contrary, when experimental food is made available, sated rats consume more food in the presence of these signals, than when exposed to cues that were paired with food, or in the absence of any discrete food-related stimuli.

AMYGDALO-HYPOTHALAMIC CIRCUITRY AND CONTROL OF FOOD CONSUMPTION BY LEARNED CUES.

G.D. Petrovich. Johns Hopkins University, Baltimore, MD 21218, USA.

Eating is controlled not only by metabolic signals but also by a number of cues that are not related to energy balance. For example, experimental animals that are trained to associate a signal with food consumption when hunger prevails will subsequently consume a greater amount of food when that signal is presented under conditions of satiety. This overview focuses on the brain system that allows such learned cues to stimulate eating in sated rats. Using combined behavioral and neural system analysis approach we have been defining components of the system that mediates conditioned stimulus (CS) potentiation of eating. We showed that the part of the amygdala that encompasses the basolateral, basomedial, and lateral nuclei, as well as a system formed by this region of the amygdala and lateral hypothalamic area (LHA) are critical for CS-enhanced eating in sated rats. Then in a study that combined immediate early gene and tract tracing methods we found that the CS that stimulates eating in sated rats strongly activates a functional network formed by direct pathways from the amygdala and orbitomedial prefrontal cortex (omPFC) to the LHA. Recently, we demonstrated that intact omPFC is needed for CS-enhancement of eating. Thus far, the functional network critical for conditioned enhancement of eating includes the amygdala, LHA and omPFC. Knowledge about neural systems through which food-associated cues control food consumption is necessary first step toward development of an animal model in which the external control of feeding behavior and its associated disorders can be better studied. Supported by: NIMH (MH60179).

PARTICIPANTS DIRECTORY

Dr. Nada Abumrad
Medicine
Washington University
Campus Box 8031
St. Louis, MO USA
NonMember
nabumrad@wustl.edu

Dr. Karen Ackroff
Dept. of Psychology
Brooklyn College
Brooklyn, NY 11210 USA
Regular Member
kackroff@gc.cuny.edu

Dr. Tanja C.M. Adam
Department of Psychiatry
UCSF
3333 California Street
San Francisco, CA 94122 USA
Student Member
T.Adam@HB.unimaas.nl

Dr. Susan Aja
Psychiatry and Behavioral Sciences
Johns Hopkins Univ Sch of Medicine
720 Rutland Ave., 618 Ross
Baltimore, MD 21205 USA
Regular Member
saja1@jhmi.edu

Ms. Jesline T. Alexander-Chacko
Endocrinology
Eli Lilly and Company
Lilly Corporate Center
Indianapolis, IN 46285 USA
Student NonMember
Alexander-
Chacko_Jesline_T@lilly.com

Dr. Eva Almiron-Roig
Food Consumer Interaction
Nestlé Research Center
Vers-Chez-les-Blanc
Lausanne CH-1000
SWITZERLAND
NonMember
Eva.AlmironRoig@rdls.nestle.com

Mr. Thomas Appl
Metabolic Diseases
Boehringer Ingelheim Pharma GmbH &
Co.KG
Birkendorfer Strasse 65
Biberach an der Riss 88397
GERMANY
NonMember
thomas.appl@bc.boehringer-
ingelheim.com

Ms. Myrtha M.L. Arnold
Institute of Animal Sciences
Swiss Federal Institute of Technology
Schorenstrasse 16
Schwerzenbach 8603,
SWITZERLAND
Affiliate Member
Myrtha-arnold@ethz.ch

Dr. Lori Asarian
Institute of Animal Sciences
Swiss Federal Institute of Technology
(ETH)
Schorenstrasse 16
8603 Schwerzenbach,
SWITZERLAND
Student Member
Loredana-asarian@ethz.ch

Ms. Nicole M. Avena
Dept. of Psychology
Princeton University
Washington Road
Princeton, NJ 08544 USA
Student Member
navena@princeton.edu

Ms. Elif Aysin
Research & Development
ANSAR Inc
240 South 8th Street
Philadelphia, PA 19107 USA
NonMember
e_aysin@yahoo.com

Dr. Anthony V. Azzara
Division of Endocrinology
Department of Medicine
Albert Einstein College of Medicine
1300 Morris Park Avenue, Golding 501
Bronx, NY 10461 USA
Regular Member
aazzara@aecom.yu.edu

Dr. Tracy L Bale
Animal Biology
University of Pennsylvania
201E Vet, 3800 Spruce Street
Philadelphia, PA 19104-6046 USA
Regular Member
tbale@vet.upenn.edu

Dr. William A Banks
Internal Medicine/Geriatrics
Saint Louis University/Veterans Affairs
Medical Center
915 N. Grand
Saint Louis, MO 63106 USA
NonMember
bankswa@slu.edu

Dr. Maria J. Barnes
Dietary Obesity
Pennington Biomedical Research
Center
6400 Perkins Road
Baton Rouge, LA 70808 USA
Post Doc Member
barnesmj@pbrc.edu

Mr. Jason George Barrera
Psychiatry (Neuroscience Graduate
Program and Phys
Univ of Cincinnati
Genome Research Inst, Building E, 3rd
Floor,
Cincinnati, OH 45237 USA
Student Member
barrerjg@email.uc.edu

Dr. Timothy Bartness
Depts. of Biology & Psych.
Georgia State Univ.
24 Peachtree Center Ave NE
Atlanta, GA 30303 USA
Regular Member
bartness@gsu.edu

Dr. Linda Bartoshuk
Dept. of Surgery
Yale University School of Medicine
333 Cedar St., P.O. Box 208041
New Haven, CT 06520-8041 USA
Regular Member
Linda.Bartoshuk@yale.edu

Ms Csilla Becskei
Institute for veterinary physiology
University of Zurich
Winterthurerstasse 260 Zurich 8057,
SWITZERLAND
Student Member
csillab@vetphys.unizh.ch

Ms. Mamta Vijay Behl
Psychological sciences
Purdue University
2252 US Highway 52 West, #F-1
West Lafayette, IN 47906 USA
Student Member
mbehl@purdue.edu

Mr. Nicholas T. Bello
Dept. of Behavioral Science
Penn State University
500 University Avenue H181
Hershey, PA 17033 USA
Student Member
ntb103@psu.edu

Dr. Stephen C. Benoit
Department of Psychiatry
University of Cincinnati
2170 East Galbraith Rd.
Cincinnati, OH 45237 USA
Regular Member
stephen.benoit@uc.edu

Dr. Hans-Rudolf Berthoud
Pennington Biomedical Research
Center
Louisiana State University
6400 Perkins Rd.
Baton Rouge, LA 70808 USA
Regular Member
Berthohr@pbrc.edu

Dr. Sheng Bi
Dept. of Psychiatry and Behavioral
Sciences
Johns Hopkins University School of
Medicine
720 Rutland Ave., Ross 618
Baltimore, MD 21205 USA
Regular Member
sbi@jhmi.edu

Ms. Sonja K. Billes
Oregon National Primate Research
Center
Oregon Health & Science University
505 NW 185th Ave
Beaverton, OR 97006 USA
Student NonMember
billess@ohsu.edu

Dr. Mary M. Boggiano
Dept of Psychology, 415 Campbell Hall
University of Alabama at Birmingham
1300 University Blvd.
Birmingham, AL 35294-1170 USA
Regular Member
boggiano@uab.edu

Dr. K. T. Borer
Division of Kinesiology
University of Michigan
401 Washtenaw Ave.
Ann Arbor, MI 48109-2214 USA
Regular Member
katarina@umich.edu

Ms. Emma J Boyland
School of Psychology
University of Liverpool
Eleanor Rathbone Building, Bedford St
South
Liverpool, Merseyside L4 2UG, UK
Student Member
E.Boyland@liv.ac.uk

Dr. Jeffrey Michael Brunstrom
Dept. of Exp. Psychology
University of Bristol
8 Woodland Road
Bristol, BS8 1TN, UK
Regular Member
jeff.brunstrom@bristol.ac.uk

Dr. Britt M. Burton-Freeman
Nutrition
University of California, Davis
One Shields Ave
Davis, CA 95616-
USA
Regular Member
bbfreeman@ucdavis.edu

Dr. Peter C. Butera
Dept. of Psychology
Niagara University
DePaul Hall
Niagara, NY 14109 USA
Regular Member
pbutera@niagara.edu

Dr. Thomas W. Castonguay
Dept. of Nutrition & Food Science
Univ. of Maryland
Marie Mount Hall
College Park, MD 20742
USA
Regular Member
twc@umd.edu

Dr. J. Brad Chambers
Psychiatry
University of Cincinnati
2170 East Galbraith Rd.
Cincinnati, OH 45237-0506 USA
Post Doc Member
james.chambers@uc.edu

Dr. Prasanth V.R. Chelikani
Research Service 151
Veterans Affairs Medical Center
4101 Woolworth Avenue
Omaha, NE 68105 USA
Post Doc Member
Prasanth.Chelikani@med.va.gov

Ms. Christina Chotiwat
Foods and Nutrition
University of Georgia
Lawrenceville, GA 30045 USA
Student Non Member
choti@uga.edu

Prof. Mario Ciampolini
Pediatrics, Gastroenterologia
University
Via Vigna Nuova 8
Firenze, Tuscany 50123
ITALY
Regular Member
ciampolini@unifi.it

Dr. Deborah J. Clegg
Psychiatry Department
University of Cincinnati
Cincinnati, OH 45267-0559 USA
Regular Member
debbie.clegg@uc.edu

Ms Mary C Clinton
Psychology
University of Florida
PO BOX 568 20251 NW 71st
Mc Intosh, FL 32664 USA
Student Member
mclinton@ufl.edu

Dr. George Collier
Dept. of Psychology
Rutgers University
152 Frelinghuysen Rd.
Piscataway, NJ 08854-8020 USA
Regular Member
gcollier@rci.rutgers.edu

Dr. Aila Collins
Dept. of Clinical Neuroscience,
Psychology Section
Karolinska Institute
Stockholm, 17176 SWEDEN
Regular Member
aila.collins@cns.ki.se

Dr. Marc-Andre Cornier
Division of Endocrinology, Metabolism
and Diabetes
Univ of Colorado Health Sciences
Center
PO Box 6511, MS 8106
Aurora, CO 80045 USA
Regular Member
mcornier@dhha.org

Dr. Rebecca L. Corwin
Nutrition Dept.
Penn State University
126 Henderson South
University Park, PA 16802 USA
Regular Member
rxc13@psu.edu

Dr. Donald V. Coscina
Dept. of Psychology
Wayne State University
5057 Woodward Avenue
Detroit, MI 48202 USA
Regular Member
d_coscina@wayne.edu

Dr. Mihai Covasa
Nutritional Sciences
The Pennsylvania State University
126 Henderson South
University Park, PA 16802 USA
Regular Member
mzc13@psu.edu

Dr. Michael A. Cowley
Div. Of Neuroscience
Oregon National Primate Research
Center
505 NW 185th Avenue
Beaverton, OR 97006-3499 USA
Regular Member
cowleym@ohsu.edu

Dr. William Cupples
Dept. of Biology
University of Victoria
PO Box 3020 STN CSC
Victoria, BC V8W 3N5, CANADA
NonMember
wcupples@uvic.ca

Dr. Kathleen S. Curtis
Department of Psychology
Florida State University
Tallahassee, FL 32306-1270 USA
Regular Member
curtis@psy.fsu.edu

Dr. Derek Daniels
Psychology
University at Buffalo, SUNY
B74 Park Hall
Buffalo, NY 14260 USA
Post Doc Member
danielsd@buffalo.edu

Ms. Jessica E. Davenport
Foods and Nutrition
University of Georgia
Dawson Hall
Athens, GA 30602 USA
NonMember
jess226@uga.edu

Dr. Terry L. Davidson
Dept. of Psychological Sciences
Purdue University
Lafayette, IN 47907 USA
Regular Member
davidson@psych.purdue.edu

Dr. Jon Franklin Davis
Psychiatry
University of Cincinnati
2120 East Galbraith Road
Cincinnati, OH 45237 USA
Regular Member
davisjo@email.uc.edu

Mr. Bart C De Jonghe
Nutritional Sciences
The Pennsylvania State University
S-126 Henderson South Bldg.
University Park, PA 16802 USA
Student NonMember
jbd131@psu.edu

Dr. Laurival A. De Luca Jr.
UNESP - Universidade Estadual
Paulista
Dept. Physiology & Pathology
Rua Humaitá, 1680
Araraquara, Sao Paulo 14801-903
BRAZIL
Regular Member
lucajr@foar.unesp.br

Dr. Angelo DelParigi
Cardiovascular and Metabolic
Diseases
Pfizer Global Research and
Development
MS 8260-2502 - Eastern Point Road
Groton, CT 06340 USA
NonMember
angelo.delparigi@pfizer.com

Ms. Kristel Diepvens
Human Biology
Maastricht University
P.O. Box 616
Maastricht, 6200 MD,
THE NETHERLANDS
Student Member
K.diepvens@hb.unimaas.nl

Ms. Joelle Dill
Endocrine Research
Eli Lilly and Company
Lilly Corporate Center
Indianapolis, IN 46285 USA
NonMember
joelledill@lilly.com

Mr. Nicholas Vincent DiPatrizio
Pharmacology/Physiology
Drexel University College of Medicine
258 S. 15th Street, MS#488
Philadelphia, PA 19102 USA
Student Member
nvd23@drexel.edu

Dr. Alicia M. Doerflinger
Department of Psychology
Cedar Crest College
100 College Drive
Alentown, PA 18104 USA
Student Member
adoerflin@cedarcrest.edu

Dr. Alison J. Douglas
Centre for Integrative Physiology
The University of Edinburgh
Hugh Robson Building, George Square
Edinburgh, Scotland EH8 9XD UK
NonMember
alison.j.douglas@ed.ac.uk

Ms. Elizabeth A Duncan
Psychiatry
University of Cincinnati
2170 East Galbraith Rd
Cincinnati, OH 45237 USA
Student Member
duncanea@ucmail.uc.edu

Dr. Lisa A. Eckel
Department of Psychology
Florida State University
Tallahassee, FL 32306-1270 USA
Regular Member
eckel@psy.fsu.edu

Mr Rodolphe Faipoux
UMR 914 PNCA
INAPG/INRA
16 rue Claude Bernard
PARIS, 75231 FRANCE
Student NonMember
faipoux@inapg.fr

Ms. Lucy F. Faulconbridge
Dept. of Psychology
University of Pennsylvania
3720 Walnut St.
Philadelphia, PA 19104 USA
Student Member
lucyhf@sas.upenn.edu

Dr. Alastair Victor Ferguson
Physiology
Queen's University
Botterell Hall, Stuart St.
Kingston, Ontario K7L 3N6,
CANADA
NonMember
avf@post.queensu.ca

Dr. Douglas A. Fitts
Dept. of Psychology
University of Washington
Box 351525
Seattle, WA 98195 USA
Regular Member
dfitts@u.washington.edu

Dr. Richard W. Foltin
N.Y. State Psychiatric Institute
Division of Substance Abuse
1051 Riverside Dr., Unit 120
New York, NY 10032 USA
Regular Member
rwf2@columbia.edu

MA Ezequiel M Galarce
Psychological and Brain Sciences
Johns Hopkins University
3400 North Charles St, Ames Hall,
Office 126
Baltimore, MD 21218 USA
Student Member
galarce@jhu.edu

Mr. Su Gao
Departments of Psychiatry/Behavioral
Sciences and Biological Chemistry
Johns Hopkins University School of
Medicine
720 Rutland Avenue
Baltimore, MD 21205 USA
Student Member
sgao@jhmi.edu

Mr. Luis Augusto Garcia Giralt
Student NonMember
lg@panlab-sl.com

Dr. Nori Geary
Institute of Animal Sciences
Swiss Federal Institute of Tech (ETH)
Schorenstrasse 16
8603 Schwerzenbach, SWITZERLAND
Regular Member
nori-geary@ethz.ch

Mr. Rastafa I. Geddes
Behavioral Science (H181)
Penn State Univ, College of Medicine
500 University Avenue
Hershey, PA 17033 USA
Student Member
rig103@psu.edu

Dr. Allan Geliebter
Obesity Research Ctr.
St. Luke's-Roosevelt Hospital,
Columbia University
1111 Amsterdam Ave
New York, NY 10025 USA
Regular Member
ag58@COLUMBIA.EDU

Dr. James Gibbs
Bourne Lab
NY Hospital/Cornell U. Medical Coll.
21 Bloomingdale Rd.
White Plains, NY 10605 USA
Emeritus Member
jgibbs@med.cornell.edu

Mr. Glen J. Golden
Biological Sciences
The Florida State University
2803 Misty Garden Circle
Tallahassee, FL 32303-
USA
Student NonMember
golden@neuro.fsu.edu

Dr. David R. Grattan
Anatomy and Structural Biology
University of Otago
P.O. Box 913
Dunedin 9001, NEW ZEALAND
NonMember
dave.grattan@anatomy.otago.ac.nz

Ms. Becky . Grayhem
Psychology
Wheeling Jesuit University
316 Washington Avenue
Wheeling, WV 26003 USA
Student Member
beckjgrayhem@hotmail.com

Dr. Kevin L. Grove
Neuroscience
Oregon Regional Primate Resh Cntr
505 NW 185th
Beaverton, OR 97006 USA
Regular Member
grovek@ohsu.edu

Mr. Xue Feng - Gu
Department of Oral and Maxillofacial
Surgery
Seoul National University
Yeongeon-Dong C Jong-Gu
Seoul, 110-744 REP. KOREA
Student Member
guxuefeng@hotmail.com

Dr. Angela S. Guarda
Psychiatry
Johns Hopkins School of Medicine
Meyer 101, 600 N. Wolfe
Baltimore, MD 21287 USA
NonMember
Aguarda@jhmi.edu

Dr. Andras Hajnal
Dept. of Neural and Behavioral
Sciences, H181
The Pennsylvania State Univ.-Hershey
Med. Ctr.
500 University Drive
Hershey, PA 17033 USA
Regular Member
axh40@psu.edu

Ms. Gitte Hansen
Pharmacology
Rheoscience A/S
Glerupvej 2
R drove, 02610\ DENMARK
Student NonMember
gh@rheoscience.com

Ms. Niloofar Hariri
School of Dietetics and Human
Nutrition
McGill University
21,111 Lakeshore Road
Ste. Anne de Bellevue, QC H9X 3V9
CANADA
Student Member
niloofar.hariri@mail.mcgill.ca

Dr. Ruth B.S. Harris
Dept. Food & Nutrition
University of Georgia
Dawson Hall
Athens, GA 30602 USA
Regular Member
harrisrb@uga.edu

Dr. Lucien F. Harthoorn
WUR-AFSG
Wageningen Centre for Food Sciences
Bornsesteeg 59
Wageningen 6708 PD,
THE NETHERLANDS
NonMember
lucien.harthoorn@wur.nl

Ms. JeAnne L. Hertel
2001 West Main Street
Greenfield, IN 46140 USA
Student NonMember
hertel_jeanne_l@lilly.com

Dr. Suzanne Higgs
School of Psychology
Univ of Birmingham Edgbaston
Birmingham, West Midlands, B15 2TT
UK
Regular Member
s.higgs.1@bham.ac.uk

Dr. Andrew J. Hill
Division of Psychiatry & Behavioral
Sciences
Leeds Univ School of Medicine
15 Hyde Terrace
Leeds, LS2 9LT UK
NonMember
a.j.hill@leeds.ac.uk

Dr. Bart Hoebel
Dept. of Psychology
Princeton University
Washington & William Sts.
Princeton, NJ 08540 USA
Regular Member
hoebel@princeton.edu

Ms. Myriam L Hoffmann
Neuroscience
University of Pittsburgh
446 Crawford Hall
Pittsburgh, PA 15260 USA
Student Member
hoffmann@bns.pitt.edu

Ms. Jenny A. Houchins
Foods and Nutrition
Purdue University
700 West State Street
West Lafayette, IN 47907 USA
Student NonMember
jhouchin@purdue.edu

Dr. Thomas A. Houpt
 Dept Biological Science, BRF 209, Mail
 4340
 Florida State University
 Tallahassee, FL 32306-4340 USA
 Regular Member
 houpt@neuro.fsu.edu

Mr. Benjamin L. Hughes
 Endocrine
 Eli Lilly and Company
 Corporate Center Drop Code 0545
 Indianapolis, IN 46285 USA
 NonMember
 hughes_benjamin_l@lilly.com

Ms. Christina Marcie Humphries
 Psychology
 University of Maryland, Baltimore
 County
 1000 Hilltop Circle
 Baltimore, MD 21250 USA
 Student Member
 humph1@umbc.edu

Prof. Jeong Won Jahng
 Dental Research Institute
 Seoul National University College of
 Dentistry
 Yeon Geon Dong, Jongno Ku
 Seoul, 110-744 KOREA
 Regular Member
 jwjahng@snu.ac.kr

Dr. Soghra Jarvandi
 School of Dietetics and Human
 Nutrition
 McGill University
 School of Dietetics and Human
 Nutrition, 21,111 La
 Ste. Anne de Bellevue, QC H9X 3V9
 CANADA
 Student Member
 soghra.jarvandi@mail.mcgill.ca

Mr. Scott E Kanoski
 Department of Psychological Sciences
 Purdue University
 2832 Wilshire Ave.
 West Lafayette, IN 47906 USA
 Student Member
 skanoski@purdue.edu

Dr. Joel M. Kaplan
 Dept of Psychology
 Univ. of Pennsylvania
 3720 Walnut Street
 Philadelphia, PA 19104 USA
 Regular Member
 jmk@psych.upenn.edu

Dr. Emily W. Kelso
 Foods and Nutrition
 University of Georgia
 713 Boyd Grad Studies Building
 Athens, GA 30605 USA
 NonMember
 emilykelso@yahoo.com

Dr. Kimberly P Kinzig
 Department of Psychological Sciences
 Purdue University
 703 Third Street, RM 3168
 West Lafayette, IN 47907
 USA
 Post Doc Member
 kkinzig@psych.purdue.edu

Dr. Harry R. Kissileff
 Obesity Research Center
 St. Luke's Roosevelt Hosp.
 1111 Amsterdam Ave.
 New York, NY 10025 USA
 Regular Member
 hrk2@columbia.edu

Dr. Diane A Klein
 Psychiatry
 New York State Psychiatric Institute
 1051 Riverside Drive
 New York, NY 10032 USA
 Student Member
 dk2127@columbia.edu

Mr. William David Knight
 Nutritional Neuroscience
 Florida State University
 527 Whitehall Street
 Tallahassee, FL 32304 USA
 Student Member
 knight@neuro.fsu.edu

Ms. Brigitte Sandra Kopf
 Institute of Animal Sciences
 Swiss Federal Institute of Technology
 Schorenstrasse 16
 Schwerzenbach, 8603
 SWITZERLAND
 Student Member
 bkopf@ethz.ch

Dr. Tanja V.E. Kral
 Psychiatry
 University of Pennsylvania School of
 Medicine
 3535 Market Street, 3rd floor
 Philadelphia, PA 19104 USA
 Post Doc Member
 tkral@mail.med.upenn.edu

Mr. Bumsup Kwon
 Biological Sciences
 Florida State University
 Tallahassee, FL 32306 USA
 Student Member
 kwonbs27@hotmail.com

Dr. Ellen Ladenheim
 Dept. of Psychiatry and Behav.
 Sciences
 Johns Hopkins University, School of
 Medicine
 Ross Bldg. Rm. 618
 Baltimore, MD 21205 USA
 Regular Member
 laden@jhmi.edu

Dr. Wolfgang Langhans
 Institute of Animal Sciences
 ETH Zurich
 Schorenstrasse 16
 Schwerzenbach, ZH 8603
 SWITZERLAND
 Regular Member
 wolfgang-langhans@ethz.ch

Ms. Ariadne Legendre
 Foods and Nutrition
 University of Georgia
 898 Winding Trail
 Lawrenceville, GA 30045 USA
 Student Member
 alegend@fcs.uga.edu

Dr. Sarah F. Leibowitz
1230 York Ave.
Rockefeller University
New York, NY 10021 USA
Regular Member
leibow@rockvax.rockefeller.edu

Dr. Barry E. Levin
Neurology Service 127C
DVA Medical Center
East Orange, NJ 07018 USA
Regular Member
levin@umdnj.edu

Dr. Allen S. Levine
Director, Minnesota Obesity Center,
Dept. of Food Science & Nutrition
University of Minnesota
1334 Eckles Avenue
St. Paul, MN 55108 USA
Regular Member
aslevine@umn.edu

Dr. David A. Levitsky
Nutrition and Psychology
Cornell University
112 Savage Hall
Ithaca, NY 14853 USA
Regular Member
DAL4@cornell.edu

Dr. Chun-Min Lo
Pathology
University of Cincinnati / GRI
2120 E. Galbraith Road
Cincinnati, OH 45237 USA
NonMember
loc@uc.edu

Dr. Michael R. Lowe
Mail Stop 626, Dept. of Psychology
Drexel University
245 North 15th Street
Philadelphia, PA 19102-1192 USA
Regular Member
lowe@drexel.edu

Dr. Robert F Lundy Jr.
Anatomical Sciences & Neurobiology
University of Louisville School of
Medicine
500 South Preston Street
Louisville, KY 40292 USA
Regular Member
robert.lundy@louisville.edu

Dr Natalie D. Luscombe-Marsh
Human Biology
University Maastricht
PO Box 616
Maastricht, Limburg 6200 MD,
THE NETHERLANDS
Post Doc Member
n.luscombe@HB.unimaas.nl

Dr. Thomas A. Lutz
Institute of Veterinary Physiology
University of Zuerich
Winterthurerstrasse 260
Zurich, ZH 8057
SWITZERLAND
Regular Member
tomlutz@vetphys.unizh.ch

Dr. Christine Mack
In Vivo Modeling
Amylin Pharmaceuticals, Inc.
9360 Towne Centre Drive
San Diego, CA 92121
USA
NonMember
christine.mack@amylin.com

Ms Elizabeth Madore
Exercise and Nutrition
University at Buffalo
15 Farber Hall
Buffalo, NY 14214-
USA
Student NonMember
eymadore@buffalo.edu

Mr. Andreas Ntgaard Madsen
In vivo pharmacology
Rheoscience A/S
Glerupvej 2
Rødovre 2610,
DENMARK
Student NonMember
anm@rheoscience.com

Ms. Meghan Manaois
Western Washington University
Bellingham, WA 98225USA
Student NonMember
mkmanaois@hotmail.com

Ms. Clare M Mathes
Psychology
University of Florida
PO Box 112250
Gainesville, FL 32611-2250 USA
Student Member
cmathes@ufl.edu

Ms. Kristin . McCombs
Psychology
Wheeling Jesuit University
316 Washington Avenue
Wheeling, WV 26003
USA
Student Member
kmc2201@hotmail.com

Ms. Susan Jennifer Melhorn
Department of Psychiatry, Genome
Research Institute
University of Cincinnati College of
Medicine
2170 E. Galbraith Road, Bldg B-26,
Room 341
Cincinnati, OH 45237
USA
Student Member
melhors@email.uc.edu

Ms. Michelina M. Messina
Program in Neuroscience
Florida State University
241 Biomedical Research Facility
Tallahassee, FL 32306
USA
Student Member
messina@neuro.fsu.edu

Ms Joanna Rodrigues Miragaya
Foods and Nutrition
University of Georgia
Boyd Graduate Studies, 712
Athens, GA 30602
USA
Student Member
jorm09@uga.edu

Ms. Anaya Mitra
Psychology
University of Florida
1700 SW 16th Court Apt. M-27
Gainesville, FL 32608 USA
Student Member
amitra@ufl.edu

Dr. Timothy H. Moran
 Dept. of Psychiatry
 Johns Hopkins University School of
 Medicine
 720 Rutland Ave., Ross Bldg., Rm. 618
 Baltimore, MD 21205 USA
 Regular Member
 tmoran@jhmi.edu

Dr. Christopher David Morrison
 Pennington Biomedical Research
 Center
 6400 Perkins Road
 Baton Rouge, LA 70808 USA
 NonMember
 morriscd@pbrc.edu

Dr. Helen M. Murphy
 Dept. of Psychology
 John Carroll University
 20700 North Park Blvd.
 Cleveland, OH 44118
 USA
 Regular Member
 hmurphy@jcu.edu

Dr. Kevin P. Myers
 Dept. of Psychology
 Bucknell University
 700 Moore Ave
 Lewisburg, PA 17837-
 USA
 Regular Member
 kmyers@bucknell.edu

Dr. Jennifer A. Nasser
 New York Obesity Research Center
 WH1020
 St. Luke's Hospital
 1111 Amsterdam Ave.
 New York, NY 10025 USA
 Regular Member
 jnasser@att.net

Ms. Christina M Neuner
 Neuroscience Graduate Program
 University of Southern California
 3641 Watt Way, HNB 416
 Los Angeles, CA 90089 USA
 Student Member
 neuner@usc.edu

Ms. Kristin J. Newhouse
 Interdepartmental Neuroscience
 Program
 Yale University
 290 Congress Ave.
 New Haven, CT 06511 USA
 Student NonMember
 kristin.newhouse@yale.edu

Ms. Mary M. Nguyen
 Dept. of Psychiatry/Neuroscience
 Program
 University of Cincinnati
 2170 E Galbraith Rd, Bldg 43, 2nd Fl
 Cincinnati, OH 45237-0506 USA
 Student Member
 nguyennm@ucmail.uc.edu

Dr. Aire Nieuwenhuizen
 NonMember
 a.nieuwenhuizen@hb.unimaas.nl

Dr. Brian J. Oldfield
 Department of Physiology
 Monash University
 Wellington Road
 Clayton, VIC 3800 AUSTRALIA
 Regular Member
 b.oldfield@hfi.unimelb.edu.au

Mr ST Omouessi
 U 684 UHP - INSERM
 University Henri Poincaré Nancy I
 Faculty de Medicine 9 Avenue de la for
 t de Haye B. P. 184
 Vandoeuvre Les Nancy, 54505
 FRANCE
 Student NonMember
 Serge-
 Thierry.Omouessi.1@etumail.uhp-
 nancy.fr

Dr. Joost J. Overduin
 Medicine
 University of Washington
 VA Medical Center, S-111-ENDO,
 1660 S. Columbian Way
 Seattle, WA 98108 USA
 NonMember
 joverduin@yahoo.com

Dr. David Parkes
 In Vivo Modeling
 Amylin Pharmaceuticals, Inc.
 9360 Towne Centre Drive
 San Diego, CA 92121 USA
 NonMember
 david.parkes@amylin.com

Ms. Caroline Patten
 Neuroscience
 University of Pennsylvania
 3800 Spruce St, 220E VET
 Philadelphia, PA 19104 USA
 Student Member
 cpatten@vet.upenn.edu

Ms. Christa M Patterson
 Neurology and Neurosciences
 New Jersey Medical School
 444 Washington Blvd Apt 4315
 Jersey City, NJ 07310 USA
 Student Member
 APatter697@aol.com

Dr. Marcia Pelchat
 3500 Market St.
 Monell Chemical Senses Center
 Philadelphia, PA 19104-3308 USA
 Regular Member
 pelchat@monell.org

Dr. Christine L. Pelkman
 Nutrition Program, 15 Farber Hall
 University at Buffalo
 3435 Main Street
 Buffalo, NY 14214 USA
 Regular Member
 cpelkman@buffalo.edu

Ms. Dawn M. Penn
 Foods and Nutrition
 University of Georgia
 Athens, GA 30602 USA
 Student NonMember
 dawnpenn@uga.edu

Dr. Gorica D Petrovich
Dept of Psychological & Brain Sciences
Johns Hopkins University
3400 N. Charles Street
Baltimore, MD 21218 USA
NonMember
petrovich@jhu.edu

Dr. Emmanuel N. Pothos
Dept. of Pharmacology and
Experimental Therapeutics
Tufts University, School of Medicine
Medical & Veterinary Building, Room
201, 136 Harrison Avenue
Boston, MA 02111 USA
Regular Member
emmanuel.pothos@tufts.edu

Ms. Joyce D. Power
Foods & Nutrition
University of Georgia
267 Dawson Hall
Athens, GA 30602 USA
NonMember
jpower@uga.edu

Dr. Bryan Raudenbush
Psychology
Wheeling Jesuit University
316 Washington Avenue
Wheeling, WV 26003 USA
Regular Member
raudenbc@wju.edu

Dr. Hollie A Raynor
The Weight Control and Diabetes
Research Center
The Miriam Hospital/Brown University
196 Richmond Street
Providence, RI 2903 USA
Regular Member
hraynor@lifespan.org

Dr. Lawrence Patrick Reagan
Pharmacology, Physiology &
Neuroscience
USC School of Medicine
6439 Garner's Ferry Road, VA Bldg 1,
Rm D40
Columbia, SC 29208 USA
NonMember
lpreagan@med.sc.edu

Dr. Jacquelyn A. Reed
Dept. of Psychiatry
University of Cincinnati
Box 670559
Cincinnati, OH 45267-0559 USA
NonMember
jackie.reed@uc.edu

Dr. Roger D. Reidelberger
Research Service (151)
VA Medical Center
4101 Woolworth Ave
Omaha, NE 68105 USA
Regular Member
roger.reidelberger@med.va.gov

Mr. Jim Reynolds
In Vivo Pharmacology
Amylin Pharmaceuticals, Inc.
9360 Towne Centre Drive
San Diego, CA 92121 USA
Student Nonmember
jreynolds@amylin.com

Dr. Linda M Rinaman
Dept. of Neuroscience
University of Pittsburgh
446 Crawford Hall
Pittsburgh, PA 15260 USA
Regular Member
Rinaman@pitt.edu

Ms. Heidi Rivera
Neuroscience Program
Florida State University
Tallahassee, FL 32306-1270 USA
Student Member
rivera@psy.fsu.edu

Ms. Jennifer Roan
In Vivo Modeling
Amylin Pharmaceuticals, Inc.
9360 Towne Centre Drive
San Diego, CA 92121 USA
NonMember
jennifer.roan@amylin.com

Dr. Neil Rowland
Dept. of Psychology
University of Florida
P.O. Box 112250
Gainesville, FL 32611-2250 USA
Regular Member
nrowland@ufl.edu

Dr. Marieke Ruiters
Veterinary & Comparative Anat,
Pharmacol & Physiol
Washington State University
205 Wegner Hall
Pullman, WA 99164-6520 USA
PostDoc Member
mruiter@vetmed.wsu.edu

Dr. Vitaly Ryu
Oral and Maxillofacial Surgery
Seoul National University
Yeongeon-Dong, Jong-Gu
Seoul, 120-752, 110-774 REP. KOREA
Regular Member
lyuvit@yahoo.com

Dr. Randall R. Sakai
Department of Psychiatry-North
University of Cincinnati
2170 E. Galbraith Rd., Bldg 43/UC-E,
Rm 212
Cincinnati, OH 45237-0506 USA
Regular Member
randall.sakai@uc.edu

Dr. John D. Salamone
Psychology
University of Connecticut
Storrs, CT 06269-1020 USA
NonMember
john.salamone@uconn.edu

Ms. Graciela Sanchez-Watts
Biological Science
University of Southern California
3641 Watt Way
Los Angeles, CA 90089-2520
USA
Student Nonmember
sanchezw@usc.edu

Ms. Jessica C Santollo
Psychology
Florida State University
280 John Knox Road Apt 112
Tallahassee, FL 32303 USA
Student Member
santollo@neuro.fsu.edu

Dr. Ayman I. Sayegh
Biomedical Sciences
Tuskegee University
Gastroenterology Laboratory, College
of Veterinary Medicine
Tuskegee, AL 36088 USA
Regular Member
sayeghai@tuskegee.edu

Prof. Giuseppe Scalera
Dip. Scienze Biomediche, Sez.
Fisiologia
University of Modena & Reggio Emilia
Via Campi, 287
Modena, 41100 ITALY
Regular Member
scalera@unimo.it

Ms. Mariana Schroeder
Dept of Psychology and Gonda Brain
Res Center
Bar-Ilan University
Ramat Gan, 52900
ISRAEL
Student Member
schatzyo@hotmail.com

Dr. Gary J. Schwartz
Dept. of Medicine, Div. of
Endocrinology
Albert Einstein College of Medicine
1300 Morris Pk Ave, Golding 501
Bronx, NY 10461 USA
Regular Member
gjschwar@aecom.yu.edu

Dr. Anthony Sclafani
Dept. of Psychology
Brooklyn College
Brooklyn, NY 11210 USA
Regular Member
ASclafani@gc.cuny.edu

Ms. Karen Scott
Psychiatry and Behavioral Sciences
Johns Hopkins Univ School of
Medicine
720 Rutland Ave., Ross 618
Baltimore, MD 21205 USA
Regular Member
kscott8@jhmi.edu

Dr. Randy J Seeley
Dept of Psychiatry-North
University of Cincinnati
2170 East Galbraith Road, Building 43
Room 312
Cincinnati, OH 45237 USA
Regular Member
randy.seeley@uc.edu

Dr. Haifei Shi
Psychiatry
Obesity Research Center, University of
Cincinnati
2170 E. Galbraith Rd
Cincinnati, OH 45237 USA
Post Doc Member
Haifei.Shi@uc.edu

Dr. Kenny J. Simansky
Dept. of Pharmacology and Physiology
Drexel University College of Medicine
Mail Stop 488, NCB 8808, 245 N. 15th
Street
Philadelphia, PA 19102-1192 USA
Regular Member
simansky@drexel.edu

Mr. Dana K Sindelar
Endocrine
Eli Lilly & Co.
Corporate Center, DC 0545
Indianapolis, IN 46285 USA
Post Doc Member
Sindelar_Dana_Kevin@lilly.com

Dr. Puspha Sinnayah
Neuroscience Division
Oregon National Primate Research
Center/OHSU
Mail Code:L584, 505NW 185th Avenue
Beaverton, OR 97006 USA
NonMember
sinnayah@ohsu.edu

Dr. Dana Melanie Small
Surgery and Psychology
Yale University and The John B Pierce
Laboratory
290 Congress Avenue
New Haven, CT 06519 USA
NonMember
dsmall@jbpierce.org

Ms. Astrid JPG Smeets
Human Biology
Maastricht University
P.O. Box 616
Maastricht, Limburg 6229 ER,
THE NETHERLANDS
Student Member
astrid.smeets@hb.unimaas.nl

Prof. Gerard P. Smith
Psychiatry
New York-Presbyterian Hospital
21 Bloomingdale Road
White Plains, NY 10605 USA
Emeritus Member
gpsmith@med.cornell.edu

Ms. Carrie A Smith
Department of Neuroscience
University of Pittsburgh
446 Crawford Hall
Pittsburgh, PA 15260 USA
Student Member
csmith@bns.pitt.edu

Dr. James C. Smith
Dept. of Psychology
Florida State University
Tallahassee, FL 32306-1270 USA
Regular Member
jcsmith@psy.fsu.edu

Mr. Derek J. Snyder
Department of Surgery
(Otolaryngology)
Yale University School of Medicine
P.O. Box 208041
New Haven, CT 06520-8041 USA
Student Member
derek.snyder@yale.edu

Mr. Stijn Soenen
Human Biology
Maastricht University
PO Box 616
Maastricht, 6200 MD
THE NETHERLANDS
Student Member
S.Soenen@HB.unimaas.nl

Dr. Rikke Veggerby Sorensen
Pharmacology
Rheoscience
Glerupvej 2
Rødovre DK-2610, DENMARK
NonMember
mtc@rheoscience.com

Dr. Alan C. Spector
Dept. of Psychology
University of Florida
Gainesville, FL 32611-2250 USA
Regular Member
spector@ufl.edu

Dr. Edward M. Stricker
Dept. of Neuroscience
Univ. of Pittsburgh
479 Crawford Hall
Pittsburgh, PA 15260 USA
Regular Member
stricker@bns.pitt.edu

Dr. Larry W. Swanson
Biological Sciences
University of Southern California
3641 Watt Way
Los Angeles, CA 90089-2520 USA
NonMember
lswanson@usc.edu

Dr. Kellie Tamashiro
Dept. of Psychiatry
Johns Hopkins University School of
Medicine
720 Rutland Ave., Ross Bldg., Rm. 618
Baltimore, MD 21205 USA
Student Member
kellie.tamashiro@uc.edu

Ms. Sarah L. Teegarden
Animal Biology
University of Pennsylvania
3800 Spruce St., 201E Old Vet
Philadelphia, PA 19104 USA
Student Member
sarahtee@mail.med.upenn.edu

Dr. Karen L. Teff
Program Director, Integrative Biology of
Obesity
Division of Diabetes, Endocrinology
and Metabolism, NIDDK
6707 Democracy Boulevard
Bethesda, MD 20892-5460 USA
Regular Member
teffk@nidk.nih.gov

Dr. Sumpun Thammacharoen
Institute of Veterinary Physiology
Vetsuisse Faculty University Zurich
Winterthurerstrasse 260
Zurich 8057, SWITZERLAND
Student Member
sumpun@access.unizh.ch

Prof. Louise Thibault
School of Dietetics & Human Nutrition
MacDonald College of McGill Univ.
21,111 Lakeshore Rd.
SteAnne de Bellevue, QC H9X3V9
CANADA
Regular Member
louise.thibault@mcgill.ca

Dr. Simon N. Thornton
UHP-INSERM U684
Universite Henri Poincare
9 avenue de la Foret de Haye
Vandoeuvre les Nancy, MM 54505
FRANCE
Regular Member
simon.thornton@nancy.inserm.fr

Dr. Robert L. Thunhorst
Dept. of Psychology
Univ. of Iowa
Iowa City, IA 52242 USA
Regular Member
robert-thunhorst@uiowa.edu

Prof. Daniel Tome
Human Nutrition
Institut Nat'l Agronomique Paris-
Grignon (INA P-G)
16 rue Claude Bernard
Paris 05, F75231Paris Cedex,
FRANCE
Regular Member
tome@inapg.fr

Dr. Michael Tordoff
3500 Market St.
Monell Chemical Senses Center
Philadelphia, PA 19104 USA
Regular Member
tordoff@monell.org

Ms. Ann-Marie M Torregrossa
Biology
University of Utah
257 South 1400 East
Salt Lake City, UT 84112 USA
Student Member
torregrossa@biology.utah.edu

Dr. Khalid Touzani
Psychology Department
Brooklyn College of CUNY
Brooklyn, NY 11210 USA
NonMember
ktouzani@brooklyn.cuny.edu

Dr. Andrea L Tracy
Psychiatry
University of Cincinnati
2170 East Galbraith Road
Cincinnati, OH 45237 USA
Post Doc Member
tracyal@ucmail.uc.edu

Prof. Janet Treasure
Academic Psychiatry
King's College London
5th Floor Thomas Guy House
London SE1 9RT, ENGLAND
NonMember
j.treasure@iop.kcl.ac.uk

Ms Yada - Treasukosol
Department of Psychology
University of Florida
PO Box 112250
Gainesville, FL 32611-2250 USA
Student Member
yadatree@ufl.edu

Dr. Esther van de Wall
Endocrinology
Albert Einstein College of Medicine,
Yeshiva University
1300 Morris Park Avenue
Bronx, NY 10461 USA
NonMember
evandewa@aecom.yu.edu

Ms. Marianne Van Wagner
Executive Coordinator
SSIB Central Office
8181 Tezel Road, #10269
San Antonio, TX 78250 USA
Regular Member
ssib@ssib.org

Dr. Cheryl H Vaughan
Department of Biology
Georgia State University
24 Peachtree Center Avenue
Atlanta, GA 30303-4010 USA
Student Member
chvaugha@ufl.edu

Ms. Neeltje Vogels
Human Biology
Maastricht University
Universiteitssingel 50
Maastricht 6200 MD,
THE NETHERLANDS
Student Member
N.Vogels@HB.Unimaas.NL

Dr. Nora D. Volkow
Office of the Director
National Institute on Drug Abuse
6001 Executive Blvd., Rm 5274--MSC
9581
Bethesda, MD 20892 USA
NonMember
nvolkow@nida.nih.gov

Dr. Susan Volman
NIDA
6001 Executive Blvd., Rm. 4282, MSC
9555
Bethesda, MD 20892-9555 USA
NonMember
svolman@nida.nih.gov

Ms. Heather G Ward
Pharmacology & Physiology
Drexel University College of Medicine
245 N 15th Street, New College
Building, Mail Stop 488
Philadelphia, PA 19102 USA
Student Member
hgf23@drexel.edu

Dr. Alan G. Watts
Neuroscience Program
University of Southern California
HEDCO Neuroscience Building, 3614
Watt Way, m.c.2520
Los Angeles, CA 90089 USA
Regular Member
watts@usc.edu

Dr. Aron Weller
Dept. of Psychology
Bar-Ilan University
Geha Road
Ramat-Gan, IL-52900 ISRAEL
Regular Member
weller@mail.biu.ac.il

Dr. Paul J. Wellman
Dept. of Psychology
Texas A & M University
College Station, TX 77843 USA
Regular Member
pjw@Psyc.tamu.edu

Dr. Margriet S. Westertep-Plantenga
Department of Human Biology
Maastricht University
PO Box 616
Maastricht, THE NETHERLANDS
Regular Member
m.westertep@hb.unimaas.nl

Dr. Cyrilla H. Wideman
Dept. of Biology
John Carroll University
20700 North Park Blvd.
Cleveland, OH 44118 USA
Regular Member
cwideman@jcu.edu

Dr. Peter Y. Wielinga
Institute of Veterinary Physiology
Vetsuisse Faculty University of Zürich
Winterthurerstrasse 260
Zürich, ZH 8037 SWITZERLAND
Student Member
wielinga@vetphys.unizh.ch

Dr. Diana L. Williams
Dept of Medicine Univ of Washington
Harborview Medical Center, 325 9th
Avenue, Box 359675
Seattle, WA 98106 USA
Post Doc Member
dianalw@u.washington.edu

Dr. Barbara C. Woodside
Center for Studies in Behavioral
Neurobiology, Psychology Dept
Concordia University
7141 Sherbrooke St. W
Montreal, QC H4B 1R6 CANADA
NonMember
barbara.woodside@concordia.ca

Mr. SangBae Yoo
Department of Pharmacology
BK 21 Project for Medical Science,
Yonsei Univ College of Medicine
C.P.O. Box. 8044 Seoul 120-752,
KOREA
Student Member
sbyoo@yumc.yonsei.ac.kr

Ms. Zhiping Yu
Nutritional Science
The Pennsylvania State University
133A South Hendersson
University Park, PA 16802 USA
Student Member
zuy100@psu.edu

Dr. Huiyuan Zheng
Pennington Biomedical Res Center
6400 Perkins Road
Baton Rouge, LA 70808 USA
Regular Member
zhengh@pbrc.edu

Mr. Phillip Rick Zoladz
Psychology
Univ of South Florida
4202 E. Fowler Ave.
Tampa, FL 33620 USA
Student Member
prjzol@hotmail.com

SOCIETY INFORMATION AND MEMBERSHIP

SSIB and how to join

SSIB is a professional organization of research scientists who study eating and drinking behavior. The Society's main goal is to advance the study of ingestive behavior by facilitating communication among its members. "Intake" is the Society's periodic newsletter.

SSIB membership information and applications are available at the meeting registration desk, at the SSIB web site (<http://www.ssib.org>), or by contacting the Central Office.

Central Office

Marianne Van Wagner, Executive Coordinator
SSIB Central Office
8181 Tezel Road, #10269
San Antonio, TX 78250 USA

Tel.: 830-796-9393 or 1-866-377-4416 (toll-free from within the US)

Fax: 830-796-9394

Email: ssib@ssib.org

SUMMARY SCHEDULE

Tuesday, July 18, 2006

- 10:00-12:00 LRPC Meeting – Acacia I & II
- 12:15-14:15 SSIB Board Meeting – Acacia I & II
- 15:00-17:30 Registration – Royal Palm Foyer East
- 18:00-19:30 Welcome Reception – Mangrove Pool Area
- 19:30-21:30 Students Only–Get Acquainted Social Event – TBA

Wednesday, July 19, 2006

- 8:15-8:30 Greeting – President - Royal Palm IV
- 8:30-10:30 Symposium 1 - Royal Palm IV - Neural and Endocrine Adaptations Affecting ...
- 8:30-10:30 Oral Session 1 - Royal Palm I-III - Satiety and Binge Eating
- 10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm VI-VIII
- 11:00-12:00 Masterfoods Keynote Lecture Series – L. BARTOSHUK - Royal Palm IV
- 4:00-6:00 New Investigator Symposium – Royal Palm IV
- 6:00-7:30 Poster Session 1 – Royal Palm VI-VIII

Thursday, July 20, 2006

- 8:30-10:30 Symposium 2 - Royal Palm IV - Basic & Clinical Science of Ingestion and Reward
- 8:30-10:30 Oral Session 2 - Royal Palm I-III - GI Peptides
- 10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm VI-VIII
- 11:00-12:00 Masterfoods Keynote Lecture Series – A.J. HILL - Royal Palm IV
- 4:00-6:00 NIH Sponsored Symposium – Royal Palm IV - Images of Ingestive Behavior
- 6:00-7:30 Poster Session 2 – Royal Palm VI-VIII

Friday, July 21, 2006

- 8:30-10:30 Symposium 3 - Royal Palm IV - Forebrain & Hindbrain: Neural Network ...
- 8:30-10:30 Oral Session 3 - Royal Palm I-III - Weight Regulation and Obesity
- 10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm VI-VIII
- 11:00-12:00 Masterfoods Keynote Lecture Series – W.A. BANKS - Royal Palm IV
- 4:00-6:00 Symposium 4 – Royal Palm IV - Interactions among Food, Water and Salt Intake
- 4:00-6:00 Oral Session 4 – Royal Palm I-III - Central Mechanisms of Feeding
- 6:00-7:30 Poster Session 3 – Royal Palm VI-VIII

Saturday, July 22, 2006

- 8:30-10:30 Symposium 5 – Royal Palm IV - Food Reward: A Critical Factor in the Etiology...
- 8:30-10:30 Oral Session 5 - Royal Palm I-III - Substrate Utilization and Energy Balance
- 10:30-11:00 Break/Exhibitors' Display - Location: Royal Palm VI-VIII
- 11:00-12:00 Masterfoods Keynote Lecture Series – T. BARTNESS - Royal Palm IV
- 1:30-3:30 Symposium 6 - Royal Palm IV - Stress and Obesity
- 1:30-3:30 Oral Session 6 - Royal Palm I-III - Preferences/Aversions
- 3:45-4:15 Alan N. Epstein Research Award - Royal Palm I-III – T. LUTZ
- 4:15-4:45 Distinguished Career Award - Royal Palm I-III – J. GIBBS
- 5:00-6:00 Business Meeting (OPEN TO ALL SSIB MEMBERS) - Royal Palm I-III
- 7:00-12:00 Banquet – Dinner and Dancing - Royal Palm IV-V

Next SSIB Meeting

July 24-29, 2007

Sheraton Steamboat Resort
Steamboat Springs, Colorado, USA