

First Day 30 March 2009

Oral	Coffee	Plenary	Meeting	Lunch	Poster/ Coffe	Symposia
9:00-10:45	10:45-11:15	11:15-12:15	12:15-13:00	12:45-13:30	13:30-15:00	15:00-17:00
Rayman West Hormones/Cancer <i>Pages:1-7</i>		Rayman Center New Insights into Inhibins and Activins <i>Pages:96-97</i>	Rayman West From academic research to industry		Active presentations At stand -1 <i>Pages:43-54</i>	Rayman West Puberty: Early, Delay, Genetic <i>Pages:99-102</i>
Rayman Center Thyroid/adrenal <i>Pages:8-14</i>			Rayman Center Annual report & new directions		Active presentations At stand -2-	Rayman Center Stem Cells in Diabetes Mellitus <i>Pages:103-106</i>
Rayman East Bone/Vitamin D <i>Pages:15-21</i>					<i>Pages:55-67</i>	

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Oral	Poster & coffee	Plenary	Lunch	Announcement on poster prize winner/ Prize Lectures	Symposia
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Rayman East Signaling and Neuroendocrinology <i>Pages: 22-28</i>	Active presentations At stand -3- <i>Pages:68-80</i>	Rayman Center Endocrinology of critical illness <i>Page:98</i>		Rayman Center Lindner: Assaf Rudich <i>Page:119</i>	Rayman Center Critical Care and Endocrinology <i>Pages:107-112</i>
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Rayman West

Oral Session: 9:00-10:45 Hormones and cancer

Chair: H. Kanety, Y. Sharoni

Title	Page	Time
<p>Molecular Mechanisms for Cancer Prevention by Phytonutrients: Posttranslational Modifications of Nrf2/ARE Transcription System Components.</p> <p>Yael Morag Hagar Salman Ifat Allush Prof. Michael Danilenko Prof. Joseph Levy Prof. Yoav Sharoni</p>	1	9:00
<p>THE RAPAMYCIN DERIVATIVE RAD001 (EVEROLIMUS) INHIBITS CELL PROLIFERATION AND INTERACTS WITH THE AKT-mTOR-p70S6K PATHWAY IN HUMAN MEDULLARY THYROID CARCINOMA CELLS</p> <p>Dr. Simona Grozinsky-Glasberg Dr. Hadara Rubinshtein Dr. Alexander Gorshtein Dr. Miki Prais Ms. Efrat Kendler Prof. Rafael Feinmesser Prof. Ashley B. Grossman Dr. Ilan Shimon</p>	2	9:15
<p>The peptide-hormone glucagon-like peptide 1 (GLP-1) activates AMP kinase and inhibits growth of breast cancer cells in vitro and in vivo.Mr. Hagai Ligumsky Dr. Ido Wolf Mrs. Iris Raviv Prof. Avraham Karasik Dr. Tami Rubinek</p>	3	9:30
<p>Glucagonoma and the glucagonoma syndrome-Cumulative experience and clinical characteristics of six patients treated in our facility between 1985 and 2008</p> <p>Dr. Roy Eldor Prof. Benjamin Glaser Dr. Meyrav Frenkel Dr. Asher Salmon Dr. Victoria Doviner Prof. David, J Gross .</p>	4	9:45
<p>Progression to advanced stage disease in a cellular model of prostate cancer is associated with methylation of the androgen receptor (AR) gene and transcriptional suppression of the insulin-like growth factor-I receptor (IGF-IR) gene.</p> <p>Ms. Hagit Schayek, Itay Bentov, Shihua Sun, Stephen R. Plymate, Haim Werner</p>	5	10:00
<p>Klotho: a tumor suppressor and modulator of the IGF-I pathway in human pancreatic cancer</p> <p>Dr. Lilach Abramovitz Dr. Tami Rubinek Mr. Hagai Ligumsky Dr. Ido Wolf</p>	6	10:15
<p>In vivo effect of baicalein on human adrenal cortex carcinoma xenograft nude mice model.</p> <p>Dr. Anat Jaffe Dr. Naam Kariv Dr. Alona Meir Mrs. Shulamit Karby Dr. Elena Goldin Prof. Gabriel Groisman</p>	7	10:30

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Rayman Center

Oral Session: 9:00-10:45 Adrenal and thyroid

Chair: Y. Liel, O. Cohen

Title	Page	Time
Thyroidectomy in severe amiodarone induced thyrotoxicosis Dr. Elena Goldin, Dr. Liana Tripto Shkolnik, Dr. Tali Schiller, Dr. Rafit Drori, Dr. Orit Twito, Dr. Anat Jaffe	8	9:00
Components of the Minimal Thyroglobulin Enhancer: necessary Element in a future Thyroid Cancer Gene Therapy Paradigm Mrs. Meital Grafi-Cohen Dr. Gary Weisinger Dr. Rona Limor Dr. Ellena Izkhakov Prof. Zaki Kraiem Prof. Naftali Stern	9	9:15
The contribution of GC-MS urinary steroids metabolome in the study of a consanguineous family with 6 members with Apparent Mineralocorticoid Excess (AME). Dr. Carlos Knopf Dr. Marielle Kaplan Dr. Daniella Magen Dr. Suheir Assady Prof. Karl Skorecki	10	9:30
A Novel Mutation Causing 3 β Hydroxysteroid Dehydrogenase Deficiency Dr. Floris Levy-Khademi Dr. David Zangen	11	9:45
Papillary Carcinoma of the Thyroid gland – A Subclinical Disease Dr. Tali Landau Zemer Dr. Yael Garti Gross Prof. Dov Ophir	12	10:00
Incorporation of BRAF mutational analysis in clinical decision making-initial experience in papillary thyroid carcinoma Dr. Sigal Shaklai Dr. Bruria Shalmon Dr. Yoram Cohen Prof. Ohad Cohen	13	10:15
Familial and Sporadic Non-Medullary Thyroid Cancer Share a Similar Clinical Behavior and Prognosis Dr. Carlos Benbassat Dr. Gloria Tzvetov Dr. Dania Hirsch Dr. Ilana Shraga-Slutsky Dr. Ruth Weinstein Dr. Liora Lazar Dr. Svetlana Serov Dr. Joelle Singer Dr. Simona Grosinzy-Glasberg Dr. Alex Gorshtein Dr. Ilan Shimon	14	10:30

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Rayman East

Oral Session: 9:00-10:45 Bone/Vitamin D

Chair: S. Shany, P. Rotman-Pikielny

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Vitamin D accelerates epidermal keratinocyte migration Ms. Roni Segal Adiri Dr. Amiram Ravid Prof. Ruth Koren	15	9:00
Parathyroidectomy under Local Anesthesia Dr. Yaniv Ebner Dr. Dan Nabriski Dr. Firras Kassem Prof. Dov Ophir	16	9:15
Choice of treatment for vitamin D deficiency in residents of an institution for developmentally disabled, sunshine or supplement? Mrs. Yael Alsberg Poran Dr. Geila Rozen Mrs. Zila Shen-Or Prof. Sophia Ish-shalom	17	9:30
Hospitalization in the Department of Internal Medicine, a Window of Opportunity for vitamin D replenishment Dr. Marina Nodelman 1 Dr. Geila Rozen Mrs. Zila Shen-Or Prof. Sofia Ish-Shalom	18	9:45
A Novel Loss-of-function mutation, Gln459Arg, of the Calcium-Sensing Receptor Gene Associated with Apparent Autosomal Recessive Inheritance of Familial Hypocalciuric Hypercalcemia Dr. Yardena Tenenbaum-Rakover Tal Almagor, Dr. Steven A. Lietman Dr. Tjin Shing-Jap Dr. Wu Yi-Chi Dr. Yang De-Ming Dr. Changlin Ding Dr. Najat Kussiny Dr. Michael A. Levine	19	10:00
microRNAs are involved in catch up growth in the epiphyseal growth plate. Mrs. Rakefet Pando Naomi Even-Zohar, Biana Shtaif, Moshe Phillip and Galia Gat-Yablonski	20	10:15
Changes in estrogen receptor alpha and in Nrf2 transcription factor are involved in the differential modulation of estrogenic activity by phytonutrients in bone vs. breast cancer cells Mrs. Anna Veprik Dr. Marina Khanin Prof. Michael Danilenko Prof. Joseph Levy Prof. Yoav Sharoni	21	10:30

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Active poster Session: 13:30-15:00 stand 1

Chair: M. Weiss, I. Vered

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Calcitriol treatment decreases atherosclerosis in apoe null mice Maya Ish-Shalom , Jessica , Michal Vechoropoulos ¹ , Aviv Shaish , Yehuda Kamari , Naftali Stern , Karen Tordjman	43
DT56a (Femarelle), contrary to Estradiol- 17and Diadzein, has a positive stimulatory effect on human derived female cultured bone cells in hyperglycemic conditions. Dalia Somjen , Sara Katzburg , Orli , David Hendel , Israel Yoels	44
The Effect of Vitamin D on the Response of Keratinocytes to High Temperature Heat Shock Noa Slaiter , Ruth Koren , Amiram Ravid	45
Vitamin D status among patients referred for evaluation of osteoporosis or low bone mass. Yair Liel	46
Double-stranded RNA, TNF and interferon gamma upregulate 25-hydroxyvitamin D 1alpha-hydroxylase in epidermal keratinocytes Eti Ziv , Ruth Koren , Amiram Ravid	47
Characterization of Vitamin D Status in Maccabi Health Services' Patients Shulamit Cidon, Tamar Stam , Moshe Leshno, Anat Bet-Or , Sophia Ish-Shalom	48
Genetic and immunologic involvement of the Calcium Sensing Receptor (CaSR) in a cohort of 15 patients with parathyroid disorders Auryan Szalat, Gabriel Munter, Abdulsalam Abulibdeh, Liat de Vries , Gil Leibowitz ¹ , Andreas Buchs , Leitersdorf Eran , Sandrine Benhamron , Hillel Galitzer , Benjamin Glaser, Vardiella Meiner , Mevorach Dror	49
Zoledronic acid use in men with advanced prostatic cancer led to improvement in general well being and performance. Elena Segal , Sima Serafimovich , Eliahu Gez	50
Histomorphometric assessment of bone loss in ovariectomized rats a modulating effect of excess gonadotropins on trabecular bone V. Rouach ¹ , S. Katzburg , Y. Koch, N. Stern ¹ , D. Somjen	51
Topogenesis of epithelial sodium channel (ENaC) reconstituted with mutant subunits identified in multi-system pseudohypoaldosteronism patients Oded Edelheit , Yafit Shriki , Nathan Dascal, Aaron Hanukoglu , Israel Hanukoglu	52
A novel mutation in the AVPR2 gene in a Palestinian family with nephrogenic diabetes insipidus Abdulsalam Abu-Libdeh , Imad Dweikat , Bassam Abu-Libdeh	53
Congenital IGF-I deficiency effects on dental morphology and histology in patients with Laron syndrome Timothy Wright ¹ G.D. Horsay ¹ Zvi Laron	54

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Active poster Session: 13:30-15:00 stand 2

Chair: N. Bashan A. Rudich

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A novel mutation in the FOXP3 gene in a Palestinian infant affected with Immune dysregulation, Polyendocrinopathy, Enteropathy, X-linked (IPEX) syndrome Abdulsalam Abu-Libdeh . Bassam Abu-Libdeh Sian Ellard Andrew Hattersley	55
Permanent Neonatal Diabetes Caused by Compound Heterozygous SUR1 Mutations with Opposite Functional Effects Kineret Mazor-Aronovitch , Sian Ellard , Dalit Modan-Mose, Yair Anikster,Heddy Landau, ' Orit Pinhas-Hamiel	56
Children adolescents and young adults with type I diabetes who discontinue insulin pump therapy : prevalence and characteristics Liat de Vries , Yael Grushka, "Shlomit Shalitin , Moshe Phillip , Yael Lebenthal	57
Long term insulin pump treatment in girls with type I diabetes and eating disorders Orit Pinhas-Hamiel ,Chana Graph-Barel , Valentina Boyko, Michal Tzadok, 'Liat Lerner-Geva , Brian Reichman	58
Baseline metabolic control, time to pump insertion, age and duration of pump treatment as factors affecting long-term metabolic control Orit Pinhas-Hamiel, Michal Tzadok, Galit Hirsh,. Valentina Boyko, Chana Graph-Barel , Liat Lerner-Geva , Brian Reichman	59
Cellular mechanism of yeast derived oral insulin-mimetic material Nitsa Mirsky , Nurit Shitrit , Tal Mizrahi	60
Glucose homeostasis after total pancreatectomy- A report of two cases from a single center and review of the literature Tal Schiller, Rafit Drori, Liana Tripto Shkolnik" Orit Twito., Elena Goldin ,Anat Jaffe	61
Prevalence of Anemia in Diabetic Patients with Normal Serum Creatinine Adiv Goldhaber, Rosane Ness-Abramof , Martin Ellis	62
Angiotensin 1-7 As A Potential Novel Therapy for the Metabolic Syndrome: Initial Proof of Concept in the Fructose- Fed Rat. Yonit Marcus ¹ , Yoram Shechter , Dalia Somjen ¹ ,Fortune Kohen,. Rona Limor, Keren Sasson, Naftali Stern	63
Obesity in survivors of childhood malignancies Dalit Modan-Moses,Kineret Mazor-Aronovitch , Orit Pinhas-Hamiel ¹ , Bela Bielorai,,Dalia Waldman,Gal Goldstein, Yoram Neumann ,Hana Golan, Chaim Kaplinsky , Amos Toren	64
Adiponectin and vascular properties in obese patients: Is it a novel biomarker of early atherosclerosis? Marina Shargorodsky	65
The Involvement of S-nitrosylation in Adipose Tissue Dysfunction Hilla Ovadia ,Nava Bashan , Assaf Rudich ¹	66
Characterization of the cellular and molecular effects of insulin glargine in colon cancer cells Einat Yehezkel, Doron Weinstein, Meital Simon, Zvi Laron, Haim Werner	67

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Rayman West
Symposia 15:00-17:00
Puberty: Early, Delay, Genetic
Chair: M. Phillip

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Genetics of precocious puberty Moshe Phillip	100	15:30
The consensus statement on precocious puberty Liat de Vries	101	16:00
Treatment of Central Precocious Puberty: What is new? Erica A. Eugster	102	16:30

30 March 2009
Rayman Center
Symposia 15:00-17:00
Stem Cells in Diabetes Mellitus
Chair: H. Werner, N. Dekel

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Pancreatic transcription factors: implications for diabetes therapy Tali Avnit-Sagi, Keren Bahar, Revital Sharivkin, Lia Kantorovitch, Sara Weiss, and Michael D. Walker	103	15:00
Ex-vivo expansion of adult human pancreatic beta cells Shimon Efrat	104	15:30
Mechanisms of pancreatic beta cell proliferation and regeneration Yuval Dor	105	16:00
Closing the Loop – Towards an Artificial Pancreas – The Schneider Medical Center Experience Revital Nimri, Eran Atlas, Shahar Miller, Eli Grunberg, Moshe Phillip	106	16:30

Second Day 31 March 2009**Rayman East****Oral Session: 9:00-10:45 Signaling and Neuroendocrinology****Chair: R. Meidan, Z. Naor**

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Induction of Endothelin-2 in bovine and human granulosa cells and its role in corpus luteum formation. Prof. Rina Meidan Dr. Eyal Klipper Ms. Yonit Mastich Dr. Dieter Schams	22	9:00
The role of amygdalar corticotropin-releasing factor receptor type 1 (CRFR1) in the anxiolytic effect of environmental enrichment. Mr. Yehezkel Sztainberg Mrs. Yael Kuperman Dr. Michael Tsoory Mrs. Maya Lebow Dr. Alon Chen	23	9:15
GnRH induces various histone modifications at the chromatin of the gonadotropin genes Prof. Philippa Melamed Ms. Andrea Wijeweera	24	9:30
Glucose augments fatty acid-induced endoplasmic reticulum stress via activation of mTORC1 in beta-cells Mrs. Etti Bachar Mrs. Yafa Ariav Dr. Mali Ketzinil-Gilad Prof. Erol Cerasi Prof. Nurit Kaiser Prof. Gil Leibowitz	25	9:45
Aldosterone's action in vascular smooth muscle cells is mediated, in part, through activation of angiotensin II receptor type 1 (AT1R) Dr. Rona Limor Dr. Gary Weisinger Ms. Orli Sharon Ms. Esther Knoll Prof. Naftali Stern	26	10:00
Bioinformatics and experimental approaches to analyze Prokineticin Receptors signaling Ms. Anat Levit Ms. Helena Safrian Dr. Masha Niv Prof. Rina Meidan	27	10:15
The role of Urocortin peptides in regulating the central stress response: Evidence from a novel Urocortin triple knockout mouse model. Miss Adi Neufeld Dr. Michael Tsoory Mr. Dimitry Getselter Dr. Alon Chen	28	10:30

Second Day 31 March 2009
Rayman Center
Oral Session: 9:00-10:45 Clinical Endocrinology
Chair: Z. Hochberg

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Defective endometrial prostaglandin synthesis in IVF patients with repeated implantation Mrs. Hannah Achache Prof. Reuven Reich Dr. Ariel Revel	29	9:00
Unique Primary Ovarian Dysfunction Contributes to the Hypogonadism in Women with Prader-Willi Syndrome Dr. Talia Eldar-Geva Dr. Harry J Hirsch Dr. Ron Rabinowitz Dr. Fortu Benarroch Dr. Orit Rubinstein Prof. Varda Gross-Tsur	30	9:15
Arrested Puberty in PWS Males: Evidence for a Unique Sertoli Cell Defect Dr. Harry Hirsch Dr. Talia Eldar-Geva Dr. Fortu Benarroch Dr. Orit Rubinstein Prof. Varda Gross-Tsur	31	9:30
Early Pubertal Onset in Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency Dr. Marie Noufi-Barhoum Dr. Yardena Tenenbaum-Rakover	32	9:45
Normometabolic Obesity: A Much Overrated Entity Which Vanishes With Age in a Gender Related Manner Dr. Galina Shenkerman Dr. Jessica Sack Dr. Ibrahim Azzam Dr. Maya Ish Shalom Prof. Naftali Stern	33	10:00
Maternally Inherited ABCC8 Mutation and a Normal Paternal ABCC8 Gene in a Case of Severe Neonatal Hyperinsulinism Carmit Avnon Ziv Feifei Yan Sharona Tornovsky-Babaey Floris Levi-Khademi Show-Ling Shyng Benjamin Glaser David H Zangen	34	10:15
Hearing Deficits in Patients with Congenital IGF-1 and GH Deficiencies Mr. Omer Zarchi, Prof. Joseph Attias Ms. Adi Suissa Dr. Benni Nageris Prof. Zvi Laron	35	10:30

Second Day 31 March 2009**Rayman West****Oral Session: 9:00-10:45 Diabetes Mellitus/ Obesity/Atherosclerosis****Chair: B. Glazer , K. Tordjman**

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Estradiol- 17β, phytoestrogens and selective estrogen receptor modulators (SERM) induce reactive oxygen species production in human vascular smooth muscle and endothelial cells. Prof. Dalia Somjen Dr. Fortune Kohen Dr. Sara Katzburg Mrs. Esther Knoll Prof. Naftali Stern	36	9:00
Effect of Testosterone Replacement Therapy on Artery Stiffness in older hypogonadal men. Dr. Marianna Yaron Dr. Yona Greenman Prof. Joseph Rosenfeld Dr. Elena Izkhakov Dr. Rona Limor Dr. Ety Osher Dr. Galina Shenkerman Dr. Karen Tordjman Prof. Naftali Stern	37	9:15
Insulin counteracts glucotoxic effects by suppressing thioredoxin-interacting protein expression in pancreatic beta-cells. Mrs. Maayan Shaked Dr. Mali Ketzinel-Gilad Mrs. Yafa Ariav Prof. Erol Cerasi Prof. Nurit Kaiser Prof. Gil Leibowitz	38	9:30
Conditioned medium from TNFα-pre-treated adipocytes induces insulin resistance in hepatic cells via increased IL-1β secretion. Ori Nov Ayelet Kohl Eli Lewis Nava Bashan Assaf Rudich	39	9:45
The lipid peroxidation product 4-hydroxynonenal uncouples insulin-stimulated Akt phosphorylation from its activation, resulting in adipocyte insulin resistance Mr. Alexander Osnis Prof. Nava Bashan Dr. Assaf Rudich	40	10:00
Pegylated leptin antagonist is a potent orexigenic agent – preparation and mechanism of action. Dr. Leonora Niv-Spector Dr. Eran Elinav Mrs. Meirav Katz Mr. Mohammed Ali Mrs. Gili Solomon Mrs. Michal Yacobovitz Prof. Arieh Gertler	41	10:15
Novel Adiponectin receptor 1 isoform – a potential new player in liver and brain metabolism regulation. Ms. Reut Gordin Ms. Reut Ashwall Mrs. Mirit Hanochi Mrs. Eleanor Yissachar Mrs. Limor Granot Prof. Uri Nir Prof. Avi Karasik Dr. Rina Hemi Dr. Hannah Kanety	42	10:30

Second Day 31 March 2009
Active poster Session: 10:45-12:15 stand 3
Chair: D. Gross, Y. Levy

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<p>The molecular basis for apoptosis and cell-cycle delay following ionizing radiation of prostate cancer cells pretreated with 1,25(OH)₂D₃ and sodium valporate Vladimir Gavrilov Yaron Leibovich, Samuel Ariad, Konstantin Lavrenkov, Shraga Shany</p>	68
<p>The beta-cell KATP channel is required for replicative decisions Rachel Schyr, Sharona Tornovsky, Shay Porat, Mozhgan Heyman, Benjamin Glaser, Yuval Dor, Frances M. Ashcroft</p>	69
<p>Identification of insulin-like growth factor-I receptor (IGF-IR) gene promoter-binding proteins in estrogen receptor (ER)-positive and ER-depleted breast cancer cells. Rive Sarfstein, Haim Werner</p>	70
<p>Plant polyphenols enhance all-trans retinoic acid-induced maturation and growth inhibition in acute promyelocytic leukemia (APL) cells. Rina Wassermann, Victoria Rossova, Michael Danilenko</p>	71
<p>Human Medullary Carcinoma cell line TT Growth is Estrogen-Sensitive and t-Boc Derivatives of Carboxy- Alkyl Isoflavones Can Serve As Novel Anti-Cancer Agents for TT cells in vitro. Yona Greenman, Meital Grafi-Cohen, Sara Katzburg, Orly Sharon, Etty Knoll, Zaki Kraiem, Fortuna Kohen, Naftali Stern, Dalia Somjen</p>	72
<p>Role of the antioxidant effect and VDR transcription system in the enhancement of vitamin D-induced differentiation of leukemic cells by plant polyphenols Victoria Rossova, Marina Khanin, Stella Pesakhov, Ofer Shpilberg, Itai Levi, Ory Rouvio, Michael Danilenko</p>	73
<p>Targeting of the IGF-IR as a potential therapeutic strategy in endometrial cancer Zohar Attias, Ilan Bruchim, Haim Werner</p>	74
<p>Can auxology, IGF-1, IGFBP-3, MRI and genetic tests replace GH stimulation tests for the diagnosis of GH deficiency? Ora Hess, Yasir Hujeriat, Osnat Admoni, Stavit Allon-Shalev, Yardena Tenenbaum-Rakover</p>	75
<p>Effect of chronic stress and antidepressant therapy on IGF-1 and BDNF systems in the brain, and on cognitive performance of rats Michal Taler, Irit Gil-Ad, Maya First, Nurit Novak, Abraham Weizman</p>	76
<p>The role of Urocortin peptides in regulating the central stress response: Evidence from a novel Urocortin triple knockout mouse model Michael Tsoory, Adi Neufeld, Dimitry Getselter, Alon Chen</p>	77
<p>Perifornical Urocortin 3 mediates the link between stress-induced mood and energy homeostasis. Yael Kuperman, Orna Issler, Limor Regev, Ifat Musseri, Alon Chen</p>	78
<p>Amygdalar CRF knockdown attenuates stress-induced anxiety Limor Regev, Alon Chen</p>	79
<p>Three uneventful pregnancies in one patient, with ectopic Corticotropin-Secreting, SSTR2 Positive bronchial Carcinoid, treated with Octreotide LAR throughout all trimesters. Deeb Daoud, Adnan Zaina, Michal Armoni, Eddy Karnieli, Ali Yehia, George Kontogeorgos</p>	80

Second Day 31 March 2009
Active poster Session: 10:45-12:15 stand 4
Chair: Z. Kraim, N. Stern

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Post graduate education program for dietitians Gila Fayman, Michal Gillon-Keren, Irit Poraz, Moshe Philip, Itamar Raz, Ziva Stal	82
The GC-MS urinary steroid metabolome correlated better with the real enzymatic activity status of a patient thought to have an isolated 17,20-lyase deficiency than molecular biology. Carlos Knopf, Dov Tiosano, Ze'ev Hochberg	83
Characterization of three human adrenocortical carcinoma cell cultures Inbar Levi, Sulamit Karby, Alona Meir, Anat Jaffe	84
A Kindred with a RET codon Y791F mutation presenting with Hirschsprung's disease Merav Fraenkel, Dganit Barak, Liat Appelpaum, David J Gross	85
Treatment of disseminated sporadic MTC with Sorafenib, a novel tyrosine kinase inhibitor Merav Fraenkel, Simona Grozinsky-Glasberg, Dganit Barak, Liat Appelbaum, David J Gross	86
Neurological Manifestations of Thyroid Dysfunction Menachem Shapiro, Rosane Ness Abramof, Gabriela Salomon, Mark Niven, Dan Nabriski	87
Overt hypothyroidism in hospitalized patients: presenting symptoms and outcome Yair Levy	88
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A pre-formed signaling complex mediates GnRH-activated ERK-phosphorylation of paxillin and FAK at focal adhesions in LbT2 gonadotrope cells. Liat Rahamim, Masha Dobkin-Bekman, Michal Naidich, Boris Shterntal, Fiorenza Przeddecki, Tal Almog, Stefan Lim, Philippa Melamed, Ping Liu, Thorsten Wohland, Rony Seger, Zvi Naor	92
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Second Day 31 March 2009
Rayman Center
Symposia 15:00-17:00
Critical Care and Endocrinology
Chair: I. Shimon

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Trict blood glucose control in ICU: update of the clinical evidence Greet Van den Berghe	107	15:00
Glucocorticoid treatment in the ICU: -when and how much Gabriel Dickstein	108	15:30
Thyroid function in stress. Dania Hirsh	110	16:00
Neuroendocrine Crisis. Merav Fraenkel	111	16:30

Second Day 31 March 2009
Rayman West
Symposia 15:00-17:00
Reproduction
Chair: Z. Blumenfeld

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Oocyte in vitro maturation and cryopreservation for fertillity preservation Ariel Revel	115	15:30
How to Preserve Fertility in Young Women Exposed to Chemotherapy? The Role of GnRH-a in addition to Cryopreservation of Embrya, Oocytes, or Ovaries Zeev Blumenfeld	116	16:00
AMH as a predictor of ovarian reserve Hannah Kanety	117	16:30