

Eventos Médicos en el Mundo

Galenus gustosamente incluirá información sobre futuros eventos médicos. Favor indicar (1) Fecha, (2) Nombre, (3) Lugar del Evento, (4) Contacto o información (teléfono, e-mail, y sitio web si lo tuviera) a: info@revistagalenus.com

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Nov 16-19	medica 2011 Dusseldorf, Alemania	211.456.0400 www.medica.de
Nov 27- Dic 02	r SNa 2010 - r adiological Society of North america McCormick Place, Chicago, USA	www.rsna.org
Nov 29-Dic 03	IX congreso Panamericano e ibérico medicina crítica y terapia intensiva Centro de Convenciones Cartagena de Indias, Colombia	011.571.215.0990 www.ixcongresofepimcti.amci.org.co
Nov 30-Dic 03	World congress of endourology 2011 National Kyoto Conference Hall	wce2011@congre.co.jp www.congre.co.jp/wce2011
Nov 30-Dic 03	14th World congress of Human r eproduction Melbourne, Australia	whr2011@wsm.com.au www.humanreproduction2011.com
Dic 4-8	congreso mundial de diabetes Dubai International Convention Center, Dubai	wdc@idf.org www.worlddiabetescongress.org
Dic 4-8	congreso mundial de alergia - Wac 2011 Centro de Convenciones y Hotel Fiesta Americana, Cancún, México	WAC2011@worldallergy.org www.worldallergy.org/wac2011/
Mar 25-30 2012	XV congreso mundial de anestesiología Predio Ferial, Buenos Aires, Argentina	www.wca2012.com
Abr 21-26 2012	50th annual meeting american Society of Neuroradiology aSNr Hilton New York, New York, USA	meetings@asn.org www.asnr.org/2012
May 22-26 2012	XiX congreso ibero I atinoamericano de cirugía Plástica Filac P Centro de Convenciones Plaza Mayor, Medellín, Colombia	011.574.448.2810 Ext 201 www.filacp2012.com/
Jun 25-27 2012	125th annual meeting american orthopedic association Gaylord National Hotel, Washington DC, USA	meetings@aoassn.org www.aoassn.org/meetings-events
Ago 15-18 2012	XXV congreso Sudamericano de cardiología Asunción, Paraguay	www.cardiologia.spc.org.py
Sept 5-8 2012	XXi r eunión anual de la Sociedad de cirujanos I aparoendoscópicos Westin Copley Place Boston, MA, Estados Unidos	305.667.4123 conferences@sls.org www.sls.org
Sep 9-13 2012	22 congreso mundial de ultrasonido en ginecología y obstetricia Copenhague, Dinamarca	44.20.7471.995 congress@isuog.org www.isuog.org/WorldCongress/2012/
Oct 6-9 2012	22nd international congress on t hrombosis Nice, Francia	34.963.524.889 mltd2012@geyseco.es www.geyseco.es/thrombosis2012
Oct 7-12 2012	XX congreso mundial de ginecología Feria de Roma, Roma, Italia	congress@figo.org www.figo2012.org/home
Nov 11-15 2012	XXXi World congress of internal medicine Santiago de Chile, Chile	56.2.946 2633 wcim2012@kenes.com www.smschile.cl/



Exploring glucose homeostasis and type 2 diabetes

Many organs play a role in glucose homeostasis

Fasting glucose levels are controlled by the body within a range of 70-110 mg/dL.¹ Lifestyle choices, including diet and exercise, are essential to help manage glucose levels.²⁻⁴ Maintaining glucose homeostasis is a multiorgan process involving the muscle, adipose tissue, liver, gastrointestinal (GI) tract, pancreas, brain, and kidney.^{5,6}

The body handles glucose through both insulin-dependent and insulin-independent pathways⁵

Insulin-dependent pathways located in the liver, muscle, and adipose tissue, and insulin-independent pathways, found mostly in the brain, kidney, GI tract, and liver, help create a complex interplay of processes essential for glucose management.^{5,6}

Type 2 diabetes mellitus (T2DM) is characterized by core defects of impaired insulin secretion from the pancreas and increased insulin resistance in the muscle, liver, and adipose tissue.^{5,7} These defects contribute to chronically elevated glucose levels.⁷

Because type 2 diabetes is the leading cause of kidney failure, the kidney is often viewed as a victim of the disease.⁸ But emerging understanding of renal-glucose transporters helps illustrate the ways in which the kidney is an active contributor to the disease as well.^{9,10}

- Sodium-glucose cotransporters (SGLTs) 1 and 2 are expressed in the kidneys, along with facilitative glucose transporters (GLUTs) 1 and 2, where they promote reabsorption of filtered glucose from the renal tubules back into the bloodstream in an insulin-independent process^{9,10}
- In type 2 diabetes, the renal glucose transport system continues to reabsorb glucose even in the presence of high blood glucose, further worsening hyperglycemia^{9,11}

Learn more:

<http://www.pathwaysinT2DM.com>

References: 1. Crier PE. In: Fauci AS, Braunwald E, Kasper DL, et al, eds. *Harrison's Principles of Internal Medicine*. 17th ed. New York, NY: McGraw-Hill Medical; 2008:2305-2310. 2. Marwick TH, Hordern MD, Miller T, et al; on behalf of the Council on Clinical Cardiology, American Heart Association Exercise, Cardiac Rehabilitation, and Prevention Committee; Council on Cardiovascular Disease in the Young; Council on Cardiovascular Nursing; Council on Nutrition, Physical Activity, and Metabolism; Interdisciplinary Council on Quality of Care and Outcomes Research. *Circulation*. 2009;119(25):3244-3262. 3. The Look AHEAD Research Group. *Diabetes Care*. 2007;30(6):1374-1383. 4. American Association of Clinical Endocrinologists (AACE) Diabetes Mellitus Clinical Practice Guidelines Task Force. <http://www.aace.com/pub/guidelines/>. Accessed January 31, 2011. 5. DeFronzo RA. *Med Clin North Am*. 2004;88(4):787-835. 6. Genich JE. *Diabetes Obes Metab*. 2000;2(6):345-350. 7. Kasuga M. *J Clin Invest*. 2006;116(7):1756-1760. 8. Centers for Disease Control and Prevention. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention; 2011. 9. Marsenic O. *Am J Kidney Dis*. 2009;53(5):875-883. 10. Rahmouna H, Thompson PW, Ward JM, Smith CD, Hong G, Brown J. *Diabetes*. 2005;54(12):3427-3434. 11. Wright EM, Hirayama BA, Loo DF. *J Intern Med*. 2007;261(1):32-43.



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Nov 20	ac P Pr chapter Symposium on common chronic conditions Embassy Suites, Dorado, Puerto Rico	787.646.0780 vperez@epcpr.net
Nov 22-27	convención Sociedad médica distrito este amPr Crucero Azamara, San Juan e Islas Vírgenes	787.708.0470 787.998.0047
Dic 2-4	convención anual colegio de médicos cirujanos de Puerto r ico Sheraton Puerto Rico Centro de Convenciones, San Juan, Puerto Rico	787.751.5979 www.colegiomedicopr.org
Dic 3	1ª convención de la asociación de gastroenterología Pediátrica Hotel Intercontinental, Isla Verde, Puerto Rico	787.706.0442 Business Planners, Inc bpplanner@aol.com
Dic 3	congreso anual de esclerosis múltiple - Academia PR de Neurología La Concha Hotel, Condado, Puerto Rico	AMEC 787.289.8989 amec@amec-pr.com
Dic 4-9	anesthesia update 2011 (Northwest Seminars) Vieques, Puerto Rico	800-222-6927 info@nwas.com
Enero 27-29 2012	i congreso Soc. cirugía Vascul ar y endovascular de Pr y el caribe Puerto Rico	AMEC 787.289.8989 amec@amec-pr.com
Feb 3-4 2012	convention of the Pain management academy of Puerto r ico Puerto Rico	AMEC 787.289.8989 amec@amec-pr.com




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Feb 16-20 2012	58ª convención anual Sociedad Pediátrica de Puerto Rico Sheraton Convention Center Hotel, San Juan, Puerto Rico	787.728.2011 www.pediatraspr.org sociedadpp.pr@gmail.com
Feb 16-20 2012	2nd general medicine congress Caribe Hilton Hotel, San Juan, Puerto Rico	787.789.4008 SDMS Meeting Planners betancourt.sdms@gmail.com
Feb 24-25 2012	62nd meeting of the american college of Surgeons Pr chapter La Concha Hotel, Condado, San Juan, Puerto Rico	787.277.0674 genteinc@prtc.net
Feb 25 2012	2º torneo de golf de la Sociedad radiológica de Puerto Rico Wyndham Río Mar Hotel, Río Mar, Puerto Rico	787.640.5576, 787.406.4571 info@socrad.com
Abr 20-22 2012	convención anual de Sociedad radiológica de Puerto Rico Hotel San Juan, Isla Verde, San Juan, Puerto Rico	787.640.5576, 787.406.4571 info@socrad.com
May 25-27 2012	23rd annual meeting of the american college of cardiology Pr chapter Ritz Carlton Hotel, Isla Verde, San Juan, Puerto Rico	787.277.0674 accpr@coqui.net
Sept 27-29 2012	63rd annual meeting of the Puerto Rico urological association Ritz Carlton Hotel, Isla Verde, San Juan, Puerto Rico	787.277.0674 genteinc@prtc.net
Oct 19-21 2012	18th annual Puerto Rico Breast cancer conference Ritz Carlton Hotel, Isla Verde, San Juan, Puerto Rico	787.277.0674 genteinc@prtc.net
Nov 30-Dic 06 2012	28th international Papillomavirus conference Centro de Convenciones de Puerto Rico, San Juan	www.hpv2012pr.org

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