

Contactar

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Aptitudes principales

"Clara is extremely knowledgeable in immunogenetics, totally dedicated to patient care"

Clara Gorodezky

Jefa del Depto. de Inmunología e Inmunogenética at InDRE,
Secretaría de Salud
Mexico

Extracto

CLARA GORODEZKY, Prof. PhD, DSc.
Head of The Department of Immunology & Immunogenetics, at
The Instituto de Diagnóstico y Referencia Epidemiológicos of The
Secretary of Health in Mexico City, Mexico

Professor Clara Gorodezky is the Head of The Department of Immunology and Immunogenetics of The Instituto de Diagnóstico y Referencia Epidemiológicos of the General Direction of Epidemiology at The Secretary of Health in Mexico, since 1983. Her undergraduate training at the National Autonomous University of Mexico (UNAM) was in Pharmaco-Biological and Chemistry Sciences and her Masters and PhD degrees were on Immunology. Her first role was as an associate scientist at the Laboratory of Immunology of The Secretary of Health in Mexico City, where she pioneered the area of Histocompatibility in Mexico, together with her mentor, Prof. Mario Salazar Mallén. She published the first scientific worldwide papers on the diversity of Mexican Mestizo population and Mexican Nahuas and Otomies. in 1972 and was a world pioneer in HLA and disease with her publications on HLA and disease in lepromatous leprosy and autoimmune diseases in Mexicans in 1973.

Experiencia

InDRE, Secretaría de Salud
Jefa del Depto. de Inmunología e Inmunogenética
marzo de 1982 - Present

Citas en la literatura internacional a los trabajos publicados

4242

Miembro del Sistema Nacional de Investigadores

**INVESTIGADOR NACIONAL
EMÉRITA OTORGADA POR
CONACYT DESDE NOV. 2014**

Miembro de la Academia Mexicana De Ciencias desde 1985

Miembro de la Academia Nacional de Medicina desde 1994

Distinciones.- Múltiples Premios Nacionales a Mejor trabajo científico
y distinciones internacionales

22

Miembro del Consejo (International Councillor) de los Workshops Internacionales de Inmunogenética a partir de 1996

Co-Coordinadora con la Porf. Janice Dorman, Prof. En Epidemiología Molecular, Universidad de Pittsburgh y Co-Directora del proyecto de Diabetes Mondiale (Diamond) de la OMS a formar parte y organizar el Comité en México del International Molecular Epidemiology Task Force (IMETAf), (10/02/93).

Miembro e Comité de Evaluación de:

Trabajos de CONACYT y del Comité de Revistas de Excelencia de CONACYT
La Fundación Mexicana para la Salud Para el "Premio Anual de Investigación Médica Dr. Jorge Rosenkranz" del Instituto Syntex.

Evaluadora de artículos originales en Revistas Internacionales:

Tissue Antigens; Human Immunology; Human Biology; Genes and Immunity; Immunogenetics; Immunología, Immunology, <Immunology Letters, Archives of Research

Evaluadora de Abstracts en Congresos Internacionales:

13th International Histocompatibility Workshop, Victoria/Seattle, Mayo 2002

XIX International Congress of Transplantation, Miami Fla, Agosto 2002

28th Annual Meeting of the Amer. Society for Histocompatibility and Immunogenetics, Nashville, Tennessee, Oct 2002

Miembro del Consejo (International Councillor) De los Workshops Internacionales de Histocompatibilidad a partir de 1996.

Premio Nacional Presea Lázaro Cárdenas, Promedio más alto en Pos-grado (IPN). (21/5/85).

Premio a Valiosa aportación al desarrollo científico (UNAM), (17/03/86).

Premio/contrato: National Institutes of Health, NIAID, Bethesda, Maryland, E.U.A. "Polimorfismo" (julio/1/86)

Premio del Grupo de estudios del Gen, "Aspectos Inmunogenéticos de la diabetes tipo I (Noviembre 1988)

Premio al MEJOR TRABAJO "90 Aniversario del Hospital General de México", 1995. "Characterization of B27 haplotypes by oligotyping and genomic. Sequencing in Mexican mestizo population with ankylosing spondylitis. Juvenile and adult onset".

Premio Zazil A la Mujer en la Ciencia. 1998. Otorgado por AVON

Premio Instituto Cultural México-Israel 1999. Por sus aportaciones a la Sociedad Mexicana.

Premio Lilly 1999 al trabajo "Contribución de los genes MHC clase II a la expresión de la nefropatía diabética"

Premio Bienal al mejor trabajo 2002 de "La Asociación Mexicana de Oftalmología". " Mecanismos moleculares de susceptibilidad y su relación con sexo y evolución en la parsplanitis en mexicanos" Agosto, 2002

Premio Anual de La Academia Nacional de Medicina 2002, "Von Bohering-Kitasato" al mejor trabajo de Inmunología "Strong association of HLA Class II sequences in Mexicans with with Vogt Koyanagi Harada's Disease. Noviembre, 2002

Premio Gen del Grupo de Estudios al Nacimiento A.C., de Investigación sobre Defectos al Nacimiento, 2004 al mejor trabajo en el área epidemiológica " Protective Effect of DRB1 locus Against Type 2 diabetes mellitus in Mexican Mestizos". Nov 15, 2004

"Premio Lázaro Cárdenas" al mayor nivel de Posgrado del IPN, 1989, Otorgado por el INSTITUTO POLITÉCNICO NACIONAL

PUBLICACIONES 1970-2018

- 1.-Suastegui R.A, De La Rosa G, Carranza J.M, Gonzalez-Astiazaran A, Gorodezky C. New approaches to the population genetic segregation analysis of the HLA system. *Epilepsia : journal of the International League against Epilepsy* 42(2), 210-215, 2001-02-01, Histocompatibility testing, 1970.
- 2.-**Gorodezky C.** · Escobar-Gutiérrez A. · Salazar-Mallén M. Distribution of Some of the HL-A System Lymphocyte Antigens in Mexicans. *Vox Sanguinis* 1972;23:439-443
- 3.-Escobar-Gutiérrez A, **Gorodezky C**, Salazar-Mallén M. Distribution of some of the HL-A System Lymphocyte Antigens in Mexicans. *Vox Sanguinis*, Vol.25 Issue 2, Wiley Online Library Agosto 1973.
- 4.-Bernés L, Escobar A, Urbina G, Amézcuca M.E, **Gorodezky C**, Sandoval E.P. Efecto de la anestesia y la cirugía oncológica sobre la respuesta inmune. *Rev. Mex. Anest. Epoca II*, Vol. 1, No. 2, 1978.
- 5.-**Gorodezky C**, Terán L, Escobar-Gutiérrez A. HLA Frequencies in a Mexican Mestizo Population. *Tissue Antigens*, Vol.14 Issue 4, Octubre 1979. Wiley Online Library.
- 6.-Fraga A, Gorodezky C, Lavalle C, Castro-Escobar L.E, Magana L, Escobar-Gutierrez A. Hla-b27 in mexican patients with ankylosing spondylitis. *Arthritis & Rheumatism* Volume 22, Issue 3, March 1979, Pages 302-302.
- 7.-**Gorodezky C**, Lavalle C, Castro-Escobar L.E, Miranda-Limon J.M, Escobar-Gutiérrez A. HLA antigens in Mexican patients with adult rheumatoid arthritis. *Arthritis & Rheumatism* Volume 24, Issue 7, July 1981, Pages 976-977.
- 8.-**Gorodezky C**, Varela B, Castro-Escobar I.E, Chávez-Negrete A, Escobar-Gutiérrez A, Martinez-Mata J. HLA-DR antigens in Mexican patients with Guillain-Barré síndrome. *Journal of Neuroimmunology*, February 1983 Volume 4, Issue 1, Pages 1-5.
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- 10.-**Gorodezky C**. Najera R, Rangel B.E, Catro L.E, Flores J, Velázquez G, Granados J, Sotelo J. Immunogenetic profile of multiple sclerosis in Mexicans. *Human Immunology*, Volume 16, Issue 4, August 1986, Pages 364-374
- 11.-Suastegui R.A, Gabriela de la R, Carranza J.M, Gonzalez-Astiazaran A, **Gorodezky C**. A locus involved in the expression of juvenile myoclonic epilepsy and of an associate EEG trait may be linked to HLA and Bf. *Cytogenet Cell Genet* 46, 623, 1987.
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- 17.-**Gorodezky C**, Carranza J.M, Bustamante A, Yescas P, Martinez A, Alonso-Vilatela M.E. The HLA System and T-Cell Subsets in Bell's Palsy. *Acta Oto-Laryngologica*, Volume 111, 1991 - Issue 6, Pages 1070-1074 | Received 10 Oct 1990, Accepted 19 Jun 1991, Published online: 08 Jul 2009.
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- 19.-**Gorodezky C**. Genetic Difference between Europeans and Indians: Tissue and Blood Types. *Allergy and Asthma Proceedings*, Volume 13, Number 5, September-October 1992, pp. 243-250(8), OceanSide Publications, Inc.
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- 22.-**Gorodezky C**, Olivo A. Effective DNA Technology Transfer to Developing Countries. *Standardization of Epidemiologic Studies of Host Susceptibility* pp 257-264, 1994.
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13th IHWS Participating Laboratories and Establishment of a Microsatellite Reference Panel and Standard Nomenclature HLA, 2002 Immunobiology of the MHC 2006.

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OTRAS ACTIVIDADES:**ORGANIZACIÓN DEL PROGRAMA**

Organizadora del Programa académico y participante como ponente en el FORO DE DISCUSIÓN PARA LA INICIATIVA DE LEY DE LA CLONACION EN HUMANOS: Cámara de Diputados, 14 de Agosto, 2002.

Participación en la Cámara de Diputados en las discusiones para la iniciativa de ley de de donación de órganos de cadáver

EXPERIENCIA EN EL MANEJO DE TRASPLANTE DE MÉDULA ÓSEA DE CELULAS PROGENITORAS HEMATOPOYETICAS (CPHs)

1.- Creación del Registro Mexicano de Donadores No Relacionados de Médula Ósea-DONORMO en 1998. En la actualidad cuenta con 15,000 donadores altruistas registrados virtualmente. Creación del Banco Altruista Mexicano de Células de Cordón Umbilical-BACECU en 2002, y cuenta con 415 unidades. La que suscribe Dra. Clara Gorodezky es la Directora del DONORMO y del BACECU

2.- Incorporación oficial del DONORMO y BACECU a la Red Internacional BMDW, Bone Marrow Donors Worldwide y a WMDA, World Marrow Donors Association a partir de 1998. Sólo existe un Registro latinoamericano perteneciente a la Red Internacional y DONORMO en México.

3.- En 1999 se realizó un trabajo conjunto entre el Departamento de Inmunogenética bajo la dirección de la Dra. Clara Gorodezky y el Hospital Gabriel Mancera del IMSS, auspiciado por La Dirección General de Investigación del IMSS y la Subsecretaría de Prevención de la SS, bajo un convenio oficial que se firmó en Octubre de 1999, para la creación del Banco Altruista de Células de Cordón Umbilical, cuya sede de criopreseervación, base de datos y trabajo de inmunogenética se realizarían en el Depto del actual Depto. de Inmunología e Inmunogenética del InDRE. Se cosecharon, procesaron y criopreservaron 40 Unidades que se obtuvieron del Hospital Ginecológico No 4 del IMSS, para llevar a cabo la estandarización. Estas unidades de prueba se desecharon posteriormente.

4. Se inició el programa de trasplante de CPHs de sangre placentaria no relacionada a partir de 1997. Actualmente el BACECU cuenta con 325 unidades de sangre de Cordón Umbilical donadas y se han realizado ya 45 trasplantes a pacientes pediátricos con unidades no relacionadas. De estas, 45 unidades se internaron al país del Placental Program del New York Blood Center y 6 se llevaron a cabo con unidades del BACECU.

5. Trabajamos unidades de CPHs a solicitud de dos hospitales de EUA para pacientes mexicanos radicados en EUA. Hacemos la selección molecular de los donadores adecuados, coordinamos todos los estudios de historia clínica, psicológicos, radiológicos y serología infecciosa y de laboratorio y radiológicos de los donadores.

6. En Mayo de 2001 se trasplantó el primer paciente mexicano en el Hospital Ángeles de Las Lomas con una unidad de un donador altruista del DONORMO. El seguimiento del estado de salud del donador se hace periódicamente y el donador está en perfectas condiciones. En Septiembre de 2003, se trasplantó una paciente mexicana con una unidad de un donador altruista, que el DONORMO consiguió en un Registro internacional. Hoy se han hecho 20 trasplantes con donador no relacionado

7. En Mayo 25, 2002 fuimos invitados oficialmente a presentar en Oslo, Noruega, en la **IV REUNIÓN INTERNACIONAL DE REGISTROS INTERNACIONALES DE MÉDULA ÓSEA (BMDW/WMDA) La Consolidación del Registro mexicano de Donadores No Relacionados de Médula Ósea (DONORMO).**

8.- Recibimos la **acreditación Internacional de la Sociedad Americana de Histocompatibilidad e Inmunogenética (ASHI) como Laboratorio Internacional Especializado en el área de inmunogenética y trasplantes** de células progenitoras hematopoyéticas de donador relacionado y no relacionado, trasplante de órganos sólidos, pruebas de histocompatibilidad para otros propósitos clínicos e identificación genética. **EL No. DE CERTIFICACIÓN INTERNACIONAL ES. ASHI 02-9-MX-02-1 DEL AMERICAN SOCIETY FOR HISTOCOMPATIBILITY AND IMMUNOGENETICS A PARTIR DE ENERO 1, 2004.** Es el segundo laboratorio acreditado internacionalmente en Latinoamérica y el único en México. Tenemos la **Licencia Nacional de COFEPRIS** para manejo de células progenitoras de hematopoyéticas para trasplante de médula ósea desde 2004

9.- Somos un **Centro Cooperador Oficial de National Marrow Donor Program-NMDP, a partir de Septiembre de 2005.**

10. Nuestro Banco Mexicano Altruista de Células de Cordón Umbical-BACECU funciona y opera con todos los criterios internacionales a partir de 2002 y está registrado en FDA a partir de Junio de 2007

11.- De 2001 a 2010 se realizaron 10 **SIMPOSIA INTERNACIONALES sobre Trasplante de Células Progenitoras Hematopoyéticas**, cuya sede fue la Academia Nacional de Medicina. Dichos Simposia son reconocidos por la División de Estudios de Posgrado e Investigación de la Facultad de Medicina, UNAM.

12. Llevamos **30 Cursos Teórico-Prácticos de Histocompatibilidad y 26 Cursos Teórico-Prácticos de Genética Molecular** con el reconocimiento académico de la División de Estudios de Posgrado e Investigación de la Facultad de Medicina, UNAM y el Programa educativo de The American Society for Histocompatibility and Immunogenetics (ASHI) Aprobado por The American Board of histocompatibility and Immunogenetics (ABHI) para acreditación en inmunogenética con Créditos de Educación Continua (CECs).

13. DONORMO es un centro cooperador de National Marrow Donor Program desde Abril, 2005

Actividades científicas y comunitarias

1. Soy mimbreo de los Amigos del Instituto Weizmann de Ciencia, en México desde 1998
2. Mis tres hijos estudiaron en Israel. Sergio Rajsbaum Gorodezky realizó el Doctorado en Ciencias Básicas de la Computación en el Technión, Haifa, Israel; Ari Rajsbaum Gorodezky estudió y terminó la licenciatura en Antropología y Sociología en la Universidad de Tel-Aviv, Israel. Ricardo Rajsbaum realizó la Maestría en Ciencias en Bioquímica en el Instituto Weizmann de Ciencias en Rehovot, Israel.
3. Mi hijo Ari Rajsbaum se fue a vivir a Cancún con su esposa y sus niñas y es un miembro no sólo muy activo de la Comunidad Judía en Cancún, sino que el lleva los rezos cuando hay ausencia de un rabino e intentó iniciar un Colegio Israelita en Cancún, pero no obtuvo apoyo financiero de las organizaciones de la comunidad israelita de México.
4. He impartido múltiples conferencias médicas a nivel del público en general en la comunidad israelita para hacer conciencia de la donación de médula ósea y apoyar al trasplante
5. Organicé varias Campaña de Captación de donadores altruistas de médula ósea en el Colegio Sefaradi, para incorporar población judía al **DONORMO** y que los judíos con leucemia y otras enfermedades tengan una oportunidad de tener un donador compatible para llevarlos a trasplante de médula ósea.
6. Participé en las **Asociaciones Religiosas con los rabinos para promover y apoyarla iniciativa de Ley de Donación de Órganos de Cadáver, que se aprobó en las Cámaras.**
7. **- Recibí el Premio Instituto Cultural México-Israel 1999. Por mis aportaciones a la Sociedad Mexicana (está mencionado en Distinciones)**