

CURRICULUM VITAE  
**Linea L. Rydstedt, M.D.**

Office Address: Division of Endocrinology  
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Detroit, Michigan 48201

Telephone: (313) 745-4008

EDUCATION

1967 - 1972 Ph.B. Degree, with distinction, Monteith College, Wayne State University, Detroit, MI

1974 - 1978 M.D. Degree, Wayne State University School of Medicine Detroit, MI

TRAINING

1978 - 1979 Intern in Medicine, SUNY, Upstate Medical Center, Syracuse, NY

1979 - 1981 Resident in Medicine, SUNY, Upstate Medical Center, Syracuse, NY

1981 - 1984 National Institute of Health Fellowship, Brigham and Women's Hospital and Harvard Medical School, Division of Endocrinology and Hypertension, Boston, MA

FACULTY APPOINTMENTS

1984 - 1998 Assistant Professor (Clinician-Educator), Department of Internal Medicine,  
Wayne State University School of Medicine, Detroit, MI

**1998 - Present Associate Professor (Clinician-Educator), Department of Internal Medicine, Wayne State University School of Medicine, Detroit, MI**

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

1989 - 1993 Medical Director, Harper Hospital Weight Management Program

MAJOR PROFESSIONAL SOCIETIES

American Federation for Clinical Research  
Endocrine Society  
International Pituitary Society  
Women in Endocrinology

LICENSURE AND BOARD CERTIFICATION

Diplomat - American Board of Internal Medicine

Diplomat - American Board of Internal Medicine, Endocrinology & Metabolism

AWARDS AND HONORS

1970 National Science Foundation Research Award for Young Scientists

1972 Graduated from Monteith College with distinction

1999 Dean's Teaching Award, Wayne State University-School of Medicine

2003 Certificate of Appreciation, Wayne State University-School of Medicine

**2005 Dean's Teaching Award, Wayne State University-School of Medicine**

## SERVICE

1. Patient Care:  
Admitting privileges at Harper Hospital, Hutzel Hospital, Rehabilitation Institute, and Detroit Receiving Hospital until 2002
2. Community Service:
  - a. Wayne County Medical Society  
Project H.O.W. (Health on Wheels) - donate medical service - 1991-1997
  - b. Detroit Rescue Mission Medical Clinic - donate medical service - 1986-1990
3. University Committees
  - a. Wayne State University School of Medicine Alumni Association - Board of Governors - 1988-91
  - b. Academic Senate-representative from W.S.U. School of Medicine - 1990 – present**
  - c. Academic Senate - Budget Committee - 1992 – 1997, 1999-present**
  - d. Academic Senate - Faculty Affairs Committee - 1990-91
  - e. Academic Senate-Research Committee - 1995 - 1996
  - f. Department of Medicine - House Staff Recruitment Committee - 1990 - 1995
  - g. Department of Medicine Internal Review Committee – 1992
  - h. DMC Magnetic Resonance Imaging Committee - 1994 - 2002
  - i. Fund for Medical Research and Education, Harper Hospital - 1995 – 2002
  - j. Interviewing applicants for Endocrinology Fellowship Program – 2001- present**
  - k. STEP – Student Team Enabling Peers - Committee for Disable Medical Students – Faculty Advisor & Advocate, 2003 – present**
  - l. Wayne State University School of Medicine Physician Mentoring Program, 2003 - present**
  - m. Wayne State University Internal Medicine Advisor Group for medical students, 2005 - present**
  - n. Interviewing applicants for Internal Medicine Residency Program - 2005-present**
  - o. ADA Advisory Committee for Wayne State University, 2006-present  
Student/Faculty Survey**
4. Department Service
  - a. Development of Clinical Flow Sheet
  - b. Development of Procedures Book for Endocrine Testing
  - c. Coordinator of Endocrine Rotation for House staff to 2000
  - d. Modification of Flow Sheets to include Body Mass Index (BMI) for Department of Medicine inpatient & outpatient records, 2004**
  - e. Endocrine Faculty Coordinator for NIH-T32 Grant, 2006-present**
  - f. Fourteenth Annual Resident/Fellow Research Day – May 2007 Judge**
5. National and International boards and committee
  - a. American Federation for Clinical Research - representative for Wayne State University, School of Medicine- 1993 – present**
  - b. Endocrine Society Grassroots Network – 2002 – present**

## TEACHING

1. Years at Wayne State: twenty-three years
2. Courses
  - a. 1985 – 1999, 2003: Instructor in Physical Diagnosis, 2nd year medical students, Wayne State University
  - b. 1985 - present: Lecturer in Endocrinology, 2nd year medical students**
  - c. 1985 - 2000 Medical rounding with interns, residents, and medical students, 1 month per year
  - d. 1985 - 2000 Endocrinology consult rounding with interns, residents, medical students and fellows, 1-3 months per year
  - e. 2000 - 2001 Endocrinology consult rounding with interns, residents, medical students and fellows one week a month twelve months a year
  - f. 1985 - 2000: Monthly endocrine lectures to residents, interns, and medical students
  - g. 1991 - 2001: Supervise 3rd year medical students in my endocrine practice

- h. 1993 - 2001: Supervising medical-pediatric residents in my clinic
- i. 1994 - 2001: Supervising reproductive endocrine fellows in my clinic
- j. 1995 - 2001: Supervising Endocrinology Fellows clinic
- k. 1995 - 2002: Morning Report - attendee as needed
- l. 1998 - 2000 Review MRI with radiologist, endocrine fellows and house staff, students
- m. 1982- present Endocrine Grand Rounds**
- n. 2002 – present Morning Report for house staff at Harper University Hospital or Detroit Receiving Hospital, Monday through Friday**
- o. 2002 – present Endocrine Fellows Case Review Conference – weekly**
- p. 2003 – present Endocrine Fellows Pathophysiology Conference – weekly**
- q. 2003 – present Physical Diagnosis, 2<sup>nd</sup> year medical students, Wayne State University, - weekly**
- r. 2003 – present MRI Conference with neuro-radiologist. – approximately monthly**
- s. 2005 – present Adverse Health Outcomes Panel Discussion for 2<sup>st</sup> year medical students**
- t. 2005 – present Tutoring, individual tutoring for Endocrinology Fellows**
- u. 2006 – present Promotion & Tenure Committee – as needed**

### GRANTS AND SUPPORTS

1. Michigan American Heart Association- "Dopaminergic Regulation of Sodium Homeostasis in SHR" - Funded-1987 to 1988 for \$19,000.
2. Harper Hospital Department of Medicine Medical Staff Trust Fund- "Dopaminergic Regulation of Sodium Homeostasis in SHR" - Funded 1987-88 for \$15,000.00.
3. E.R. Squibb and Son "Capozide vs. Tenoretic": Evaluation of Once Daily Administration in Mild to Moderate Hypertension - Funded for 1986-87 for \$33,380.00
4. Michigan American Heart Association- "Influence of ANF's Storage Pool on its Secretion" - recommend for funding 1988-89; \$20,000 - not funded
5. Michigan American Heart Association- "Regulation of ANP Secretion" - 1990-91; -recommended for funding 1990-91; \$25,000 - not funded
6. Michigan Diabetes Association- "Glycosylation of Hexokinase" - not funded - 1990-1991 - \$24,500.
7. Michigan American Heart Association- "Role of arachidonic acid metabolites in ANP secretion" - submitted 1990 - \$25,000 - not funded.
8. Juvenile Diabetes Foundation- "Glycosylation in diabetes mellitus" - submitted - 1990 - \$50,071 - not funded.
9. Michigan American Heart Association- "Eicosanoids Regulation of ANP Secretion" - Funded - 1992-93 - \$27,000.
10. W.S.U. Interdisciplinary Grant-"Enzymatic abnormalities in diabetes mellitus:-\$12,000 - 1993-94 funded.
11. Michigan American Heart Association- "The regulation of ANP secretion" - recommended for funding 1995 - 1996; \$28,000 - not funded.
12. **National Institute of Health: Center for Population Health and Health Disparities: Center for Urban African American Health #1 P50 ES012395-01; Supplemental Grant \$450,855/4yrs, not funded, recommend resubmission. 70% Effort, 2004**

## PUBLICATIONS

1. Atassi MZ, Habeav A, and Rydstedt L: Lack of immunochemical cross-reaction between lysozyme and alpha-lactalbumin and comparison of their conformation. *Biochem. Biophys. Acta* 200:184, 1970.
2. Lilly LS, Dzau VJ, Williams GH, Rydstedt LL, and Hollenberg NK: Hyponatremia in congestive heart failure: Implications for neurohumoral activation and responses to orthostasis. *J.C.E.M.* 5:59:924, Nov. 1984.
3. Rydstedt LL, Williams GH, and Hollenberg NK: Renal and endocrine response to saline infusion in essential hypertension. *Hypertension* 8:3:217, March 1986.
4. Braley LM, Menachery A, Rystedt L, Williams GH.: Sodium-mediated modulation of aldosterone secretion: impact of converting enzyme inhibition on rat glomerulosa cell response to angiotensin-II. *Endocrinology*. Sep;125(3):1310-4. 1989
5. Farrow S, Banta G, Schallhorn S, May R, Mers A, Cadret L, Rydstedt L, and Lockette W: Vasopressin inhibits diuresis induced by water immersion in humans. *J. Appl. Physiol.* 73:3:932-936, 1992.
6. Herrmann ME, Rydstedt LL, Talpos GB, Trevor KT, Wolman SR, Mohamed AN, Lalley PA. Cytogenetic study of two Gastrinomas. *Cancer Genet Cytogenet.* 63(2):139, 1992
7. Herrmann ME, Rydstedt LL, Talpos GB, Trevor KT, Wolman SR, Mohamed A, Ratner S, and Lalley PA: Chromosome aberrations in two sporadic gastrinomas. *Cancer Genetics Cytogenetic* 67:44-49, 1993.
8. Herrmann ME, Talpos G, Rydstedt LL, Ratner S, Trevor K, Wolman SR, Lalley PA. Genetic studies of adrenal corticoid tumors. *Am J Human Genetics* 51 (p1088), 1993.
9. Herrmann ME, Talpos G, Rydstedt LL, Ratner S, Wolman SR, Lalley PA. Chromosomal aberrations in a benign and malignant cortical tumor. *Cancer Genetics Cytogene* 66 (p1065), 1993.
10. Herrmann ME, Talpos GB, Rydstedt LL. Chromosomal aberrations in a benign and a malignant adrenocortical tumor. *Cancer, Genet., Cytogenet.* 66(2):165, 1993.
11. Herrmann ME, Rydstedt LL, Talpos GB. Chromosomal aberrations in two adrenocortical tumors one with reara 11p15. *Cancer Genet. Cytogenet.* 75:111-116, 1994.
12. Herrmann ME, Baunoch D, Maliarik M, Latif N, Lalley PA, Talpos GB, Kaplen EL, Thompson NW, Rydstedt LL. P53 gene alterations in differentiated thyroid cancers. *Oncology reports* 2:741-7, 1995.
13. Herrmann ME, Lalley PA, Rydstedt LL, Meese E, Lang C, Abumrad N, Moll UM, Talpos GB. Double minutes in the cell line PTC-1113A. *Cancer Genet. Cytogenet.* 90:70-74, 1996.

## PRESENTED ABSTRACTS

1. Rydstedt LL, Hollenberg NK, and Williams GH: Saline infusion in essential hypertensive-responses of renin-aldosterone axis and sodium excretion before and after converting enzyme inhibition. Presented at the 7th International Endocrine Meetings, Quebec, 1984.
2. Walsh MF, Rydstedt LL, Reddy S, and Sowers JR: Effect of high and low sodium diets on atrial natriuretic peptide (ANP) binding to renal membranes and glomeruli in rats. *American Society of Hypertension Symposium.* Raven Press, N.Y., p.239, 1987.
3. Rydstedt LL and Schiebinger RJ: Does atrial pacing directly increase secretion of atrial natriuretic peptide (ANP). *Endocrine Society Meeting, Seattle, 1989.*
4. Rydstedt LL and Schiebinger RJ: Does angiotensin II affect secretion of iANP from the atria. *Endocrine Society Meeting, Atlanta, 1990.*
5. Jacobs DB, Jen K-LC, Frymire C, Grunberger G, Rydstedt LL, and Sowers JR: Effect of weight reduction on blood pressure and serum glucose levels in obese individuals with hypertension. *AFCR Seattle, March, 1991.*

6. Jacobs DB, Jen K-L C, Frymire C, Rydstedt LL, Sowers JR, and Grunberger G: Advantages of moderate versus severe caloric restriction in very low calorie diet programs. The Endocrine Society, Washington DC, June 1991.
7. Rydstedt LL, Honn KV and Schiebinger RJ: Role of arachidonic acid metabolites in iANP secretion. The Endocrine Society, Washington DC, June 1991.
8. Fandino G, Di Ponio S, Mizukami H, and Rydstedt LL: Hexokinase activity in the aging erythrocyte of type I and II diabetics. The MARC/MBRS Symposium, October, 1992.
9. Herrmann ME, Talpos GB, Rydstedt LL, Ratner S, Sprock M, Wolman SR, and Lalley: Chromosomal aberrations in a benign and a malignant adrenocortical tumor. Presented at the 5th International Workshop on Chromosomes in Solid Tumors, January, 1993.
10. Herrmann ME, Talpos GB, Rydstedt LL. Rearranged ret in the thyroid cancer cell line PTC1113A. Proceedings 86th Annual Meeting AACR 36 (#3335), 1995.
11. Herrmann ME, Maliarik M, Baunoch D, Kost J, Lane MA, Talpos GB, Gipson C, Rydstedt L, Ratner S, Lalley PA: P53 Mutation in a medullary thyroid cancer (MTC) which gave rise to the new cell line MTC1105. Endocrine Society, June, 1995.
12. Hamaty M, Rydstedt L: Pituitary apoplexy: a case of unusual MRI findings. Presented at the 10th International Congress of Endocrinology, June, 1996.
13. Choudhury L., Staniforth M., Wexler W., Rydstedt L. Adenocarcinoma of the esophagus presented with hypercalcemia; a case report. AFCR, 1996.
14. Guzman C, Rydstedt L: Growing Hormone Treatment In Prepubescent Adult with Macroprolactinoma. Presented at the 5<sup>th</sup> International Pituitary Congress, June, 1998.
15. Rydstedt L, Herrmann M: Mutation in Prolactinoma and fibrodysplastic. Presenting at Neuropathology Symposia, Seattle, WA, June, 1999.
16. Guzman C, Guthikonda M, Rydstedt LL: Plasma Cell Granuloma of the Brain. Presenting at 6<sup>th</sup> International Pituitary Congress, Long Beach, CA, 1999.
17. Herrmann ME, Wojcik EM, Siziopikou KP, Curry J, Rydstedt LL, Thomas C: FISH evaluation of archival specimens of pituitary and breast tissues for chromosome copy number and oncogene amplification. National Pathology Conference, St. Louis, MO, June, 2000.
18. Mahakkala, AR, Rydstedt, LL, Guzman, CB.: Microprolactinoma Overlapping with Premature Ovarian Failure: A Case for Reconsideration of Oral Contraceptives as First Line Therapy. The Endocrine Society, Philadelphia, PA. 2003
19. Ekwueme-Sturdivant, N., Rydstedt, LL, Sloan, A., Guzman, CB.: An Unusual Cause of Muscle Weakness in a Professional Athlete and a Review of Neurosarcoidosis. The Endocrine Society, Philadelphia, PA, 2003.
20. Fletcher, D., Guzman, CB., Guthikonda M, Rydstedt, LL.: Symptomatic Lactotroph Hyperplasia in Pregnancy Mimicking Pituitary Adenoma. Pituitary Society Meeting, New York, NY, 2003.
21. **Fletcher DG, Rydstedt LL, Guzman CB: Case report: Symptomatic Infundibular Granular Cell Tumor. Endocrine Society's 86<sup>th</sup> Annual Meeting. Abstract# 596, New Orleans, LO, 2004**
22. **Nugarum R, Guzman CB, Rydstedt LL: Acromegaly Coexisting with Empty Sella. International Pituitary Society Meeting, San Diego, CA, 2005**

## BOOKS AND CHAPTERS

1. Rydstedt LL, Sowers JR, and Lockette WE: Hypertensive Emergencies, Principle and Practice Intensive Care. W.B. Saunders Co., 1992.
2. Victorina W., Rydstedt L., Sowers, J.: Clinical Disorders of Vasopressin. Manual of Endocrinology and Metabolism. Little Brown & Com: Boston, Third Edition, 2002

## CASE REPORTS

1. Tseng KH, Felicetta JV, Rydstedt LL, Reddy S, Bouwman DG, and Sowers JR: Acute airway obstruction due to a benign cervical goiter. Otolaryngology 97:1:72; July, 1987.

## PUBLISHED ABSTRACTS

1. Rydstedt LL, Mizukami H, and Patel C: Hexokinase activity of erythrocytes from patients with diabetes mellitus. Circulation, 1991.

## REVIEWER FOR ARTICLES AND/OR ABSTRACTS

1. American Federation for Clinical Research

## PRESENTATIONS

1. Invited Lectures
  - 1989 "Hirsutism" - Michigan Electrolysis Association, Southfield, MI.,
  - "ACE Inhibitors in Hypertension" - Riverside Hospital, Lincoln Park, MI - Nov. 1989
  - 1990 "Cold Thyroid Nodules" - Harper Hospital, Detroit, MI - March,
  - "Protein Glycosylation" - Division of Regulatory Biology and Biophysiology-WSU-
  - 1991 "ANP Secretion"-Meadowbrook Hypertension Research Conference - Jan
  - "Endocrine Hypertension" - St. Johns Hospital, Detroit,
  - 1992 "Renal Vascular Hypertension" - Detroit Medical Center, CME
  - "Aldosterone Management" - DMC -
  - "Pituitary Insufficiency" - DMC - May 1992
  - 1993 "Hypertensive Emergency" - Detroit Receiving Hospital, Detroit
  - 1994 "DI and SIADH in Neurosurgical patients" - Grand Rounds - Department of Neurosurgery - WSU,
  - "Addison's Disease" - Grand Rounds, Department of Neurosurgery - WSU, 1994
  - "Panel Discussion: Hypertension" - Endocrinology Review Course, 1994
  - 1995 "Eicosanoids Regulation of ANP Secretion" - Meadow Brook Hypertension Workshop - Jan
  - "Neuroendocrinology & the Pituitary Gland" - Department of Internal Medicine Board Review - Feb
  - "Hypertensive Emergencies" - Intern Emergency Lectures - Department of Internal Medicine - August
  - 1996 "Pituitary Function in Normal Physiology and Pathological States" - Medicine Board Review - Feb
  - "Pituitary 1999 Evaluation" – Medicine Board Review, DMC
  - "Many Faces of Endocrine Diseases" – Bon Secours, Nov. 1999
  - "Pituitary Function" - Grosse Pointe, MI Bon Secours Hospital, Feb. 1999
  - 2000 "Osteoporosis Clinic Seminar", Wayne State University – Year 2 medical student - March
  - "Clinical Presentation of Pituitary Diseases", Medicine Board Review, 2000
  - "Endocrinology of Aging: DHEA? Growth Hormone?" Endocrinology Course Bon Secours. Grosse Pointe, MI - Nov 2000
  - "Patient with acute 6<sup>th</sup> cranice neuropaloy, Department of Neurology Grand Rounds, Harper Hospital Dec. 8, 2000 (case discussion)
  - 2001 "What disease do I have?" Bon Secours, Grosse Pointe, MI, Feb 2001
  - "Hirsutism-Endocrinologist Prospective". Michigan Electrolysis Association- May, 2001
  - 2002 Neurosurgery Pathology Conference, DMC - Discuss Endocrine perspective, November, 2002
  - Neurosurgery Pathology Conference, DMC - Discuss Endocrine perspective, December 2002
  - 2003 House Staff Lecture, DMC "Anterior Pituitary Diseases", January 2003
  - House Staff Lecture, DMC "Posterior Pituitary Diseases", January 2003
  - House Staff Lecture, DMC "Adrenal Pathophysiology", February, 2003
  - House Staff Lecture, DMC "Adrenal Diseases and Their Pathophysiology" February, 2003

- 2004** Department of Medicine, Residence Core Lecture, DMC “Anterior Pituitary Diseases”.  
Department of Medicine, Residence Core Lecture, DMC “Posterior Pituitary Diseases”.  
Department of Medicine, Residence Core Lecture, DMC “Adrenal Pathophysiology”
- Michigan Rehabilitation Institute of Michigan, “Diabetes Insipidus in Elderly”, Feb  
Michigan Rehabilitation Institute of Michigan, “Syndrome of Inappropriate Anti Diuretic  
Hormone in Elderly”, March
- 2005** Michigan Rehabilitation Institute of Michigan, “I need a Glass of Water!” February 8  
Michigan Rehabilitation Institute of Michigan “Hyponatremia from Endocrine Prospective in  
the Elderly”, February 22
- Department of Medicine, Residency Core Lecture, DMC “Posterior Pituitary Diseases”,  
March 11  
Department of Medicine, Residency Core Lecture, DMC “Adrenal Gland Over Production”,  
March 18  
Department of Medicine, Residency Core Lecture, DMC “Adrenal Failure”,  
March 25
- 2006** Endocrine Grand Round – Core Lecture WSU Prolactin: “The questions you were scared to  
ask!” December 13, 2006.
- 2007** Department of Medicine, Residency Core Lecture, DMC “Endocrine Diseases you need to  
know!”, October 8, 2007