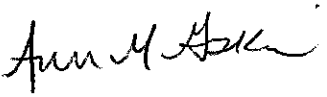


## CURRICULUM VITAE

Ann M. Gronowski, Ph.D.

  
3-1-22

Date: 14 February 2022

### Address and Telephone Numbers:

(Office) Department of Pathology & Immunology  
Washington University School of Medicine  
660 South Euclid Avenue, MSC 8118-0004-04  
St. Louis, Missouri 63110  
314-362-0194 (FAX: 314-362-1461)  
E-mail: [gronowski@wustl.edu](mailto:gronowski@wustl.edu)

### Present Position:

2022-present **Interim Chief**, Division of Laboratory & Genomic Medicine, Washington University, St. Louis, MO

2011-Present **Professor** of Pathology & Immunology and Obstetrics & Gynecology, Division of Laboratory & Genomic Medicine, Washington University, St. Louis, MO

2017- Present **Medical Director**, BJH Core Laboratory Services Barnes-Jewish Hospital, St. Louis, MO

2003-Present **Associate Medical Director**, Clinical Chemistry, Serology and Immunology, Barnes-Jewish Hospital, St. Louis, MO

### Education:

1985 B.S., Animal Science, University of Illinois, Urbana, IL  
1988 M.S., Nutrition, Iowa State University, Ames, IA  
1992 Ph.D., Endocrinology and Reproductive Physiology, University of Wisconsin, Madison, WI, with Dr. Paul Bertics

### Academic Positions/Employment:

1993-1995 Postdoctoral Research Fellow in Endocrinology and Metabolism, Washington University School of Medicine, St. Louis, Missouri. with Dr. Peter Rotwein. Investigation of growth hormone signaling pathway.

1993-1995 Postdoctoral Trainee in Clinical Chemistry and Laboratory Medicine, Washington University School of Medicine, St. Louis, Missouri. with Dr. Jack Ladenson.

1995-1998 Postdoctoral Research Fellow in Department of Pathology, Washington University School of Medicine, St. Louis, Missouri. With Dr. Robert Schreiber. Investigation of viral proteins involved in interferon signaling.

1996-1998	Instructor in Pathology, Division of Laboratory Medicine, Washington University School of Medicine, St. Louis, Missouri
1998-2004	Assistant Professor of Pathology and Immunology, Division of Laboratory Medicine, Washington University School of Medicine, St. Louis, Missouri
2001-2004	Assistant Professor of Obstetrics and Gynecology, Washington University School of Medicine, St. Louis, Missouri
2003-present	Co-Director, Postdoctoral Training Program in Clinical Chemistry (ComACC Approved Program)
2004-2011	Associate Professor of Pathology and Immunology, Division of Laboratory Medicine, Washington University School of Medicine, St. Louis, Missouri
2004-2011	Associate Professor of Obstetrics and Gynecology, Washington University School of Medicine, St. Louis, Missouri
2011-Present	Professor of Pathology and Immunology, Division of Laboratory Medicine, Washington University School of Medicine, St. Louis, Missouri
2011-Present	Professor of Obstetrics and Gynecology, Washington University School of Medicine, St. Louis, Missouri
2020-2022	Vice Chair, Faculty Affairs and Development, Washington University School of Medicine, St. Louis, Missouri

**Clinical Title and Responsibilities:**

1998-2003	Assistant Medical Director, Clinical Chemistry, Barnes-Jewish Hospital, St. Louis, Missouri
1999-2003	Assistant Medical Director, Clinical Serology Laboratory, St. Louis Children's Hospital, St. Louis, Missouri
2003-present	Associate Medical Director, Clinical Chemistry and Serology and Immunology Laboratories, Barnes-Jewish Hospital, St. Louis, Missouri
2015-2018	Assistant Medical Director, Shriners Hospital, St. Louis, Missouri
2017-present	Medical Director Core Laboratory Pre-analytical and Send Out services, Barnes-Jewish Hospital, St. Louis, Missouri
2017-present	Medical Director BJH Core Laboratory Services Barnes-Jewish Hospital, St. Louis, Missouri

**University and Hospital Appointments and Committees:**

2002	Strategic Planning Committee for Representation and Advancement of Women
2007	Gender Equity Committee
2007-2008	Ex-officio member, Executive Committee Faculty Council,
2009-2010	Pay Equity Steering Committee
2008-2019	Founder and Co-director, "Women and Infant's Health Specimen Consortium" (WIHSC) <a href="https://womeninfantsbank.wustl.edu/">https://womeninfantsbank.wustl.edu/</a>
2012-2018	Washington University School of Medicine, Committee on Admissions
2017-2019	ICTS Liaison Committee
2017-2020	Faculty Rights Committee
2017-2020	Ex-officio member, Executive Committee Faculty Council
2015-2021	Washington University School of Medicine Search & Hiring Process Improvement Team
2016-2021	Doris Duke Fund to Retain Clinical Scientists Committee
2019-present	Clinical Laboratory Steering Committee
2019-present	Pneumatic Tube System Committee

**Medical Licensure and Board Certification:**

1998	American Board of Clinical Chemistry (Certificate #924)
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**Honors and Awards:**

1992	National Research Service Award
1994-1995	Chief Fellow in Clinical Chemistry, Washington University School of Medicine
1996	Young Investigator Award, AACC
2007	Van Slyke Foundation Research Award
2007	Outstanding Speaker Award, AACC
2009	Outstanding Speaker Award, AACC
2010	Outstanding Contributions through Service to the Profession of Clinical Chemistry Award, AACC
2010	Outstanding Speaker Award, AACC
2011	Washington University Clinical Pathology Teaching Award
2011	Mentorship Award, Society of Young Clinical Laboratorians, AACC
2011	Meyer Bodansky Memorial Lectureship in Experimental Pathology at the University of Texas Medical Branch
2012	Outstanding Speaker Award, AACC
2013	Bernard F. Gerulat Memorial Award, AACC New Jersey Section
2014	Distinguished Abstract Award, National Academy of Clinical Biochemistry
2014	Outstanding Speaker Award, AACC
2015	Distinguished Educator-Clinical Fellow Mentoring Award, Washington University School of Medicine
2015	Outstanding Speaker Award, AACC
2016	Outstanding Contributions through Education Award, AACC
2016	Achievement Award, Pediatric Maternal Fetal Division, AACC
2016	Kubasic Lectureship Award Winner, AACC Upstate New York Local Section
2016	Outstanding Speaker Award, AACC

2020	Award for Outstanding Contributions to Clinical Chemistry in a Selected Area of Research, AACC Academy
2020	Washington University Clinical Pathology Teaching Award
2021	Caraway-Meites Award, AACC History of Clinical Chemistry Division
2021	Academy of Educators, Honor Roll

**Editorial Responsibilities:**

2000-2006	Board of Editors, <i>Clinica Chimica Acta</i>
2007- present	Board of Editors, <i>Clinical Chemistry</i>
2007-2020	Clinical Case Study Co-editor
2008-2011	Associate Editor Tietz Textbook of Clinical Chemistry and Molecular Diagnostics
2011- 2014	Section Editor, Clinical Chemistry Trainee Council <a href="http://www.traineecouncil.org">www.traineecouncil.org</a>
2013-2014	Guest Editor, Special issue on Women's Health, <i>Clinical Chemistry</i> , January 2014
2014	Editor-in-Chief, AACC Clinical Laboratory News Dailies, July 2014
2014-2020	Co-Chair, Clinical Chemistry Trainee Council <a href="http://www.traineecouncil.org">www.traineecouncil.org</a>

**Professional Societies and Organizations:**

1994-present	American Association for Clinical Chemistry (AACC)
	National Membership Committee, 1995-1999
	National Membership Committee, Chair, 1998-1999
	Midwest Section, Financial Advisory Committee, 1996-1998
	Midwest Section, Financial Advisory Committee, Chair, 1997-1998
	Midwest Section, Chair-Elect, 1998
	Midwest Section, Chair, 1999
	Midwest Section, Nominating Committee, 2000
	National Awards Committee, 1998-2002
	National Awards Committee, Chair, 1999-2002
	2000 Annual Mtg Organizing Committee, Plenary Coordinator, 1999-2000
	Meetings Taskforce 1999-2000
	National Nominating Committee, 2000
	National Nominating Committee, Chair, 2001
	2005 Annual Meeting Organizing Committee, Vice Chair 2001-2005
	Board of Directors, 2003-2005
	Annual Meeting Taskforce, 2003-2004
	Young Clinical Chemists Advisory Group, 2003-2004
	Society for Young Clinical Laboratorians, Senior Advisor, 2004-2005 and 2007-2009
	Board of Trustees, Van Slyke Foundation, 2006-2009
	2008 Annual Meeting Organizing Committee, Chair, 2006-2008
	Meetings Management Group, 2006-2009
	Chair, Student Poster Contest 2005-2020
	Treasurer, 2007-2009
	Annual Meeting Focus Group, 2008
	President-Elect, 2010

Awards Task Force, 2010  
 Annual Meeting Task Force, 2010  
 President, 2011  
 Executive Vice President Search Committee, 2011  
 Past-President 2012  
 Board of Trustees, Van Slyke Foundation, 2013  
 Nominating Committee, 2014-2015  
 Governance Review Advisory Task Force, 2014-2015  
 2017 Annual Mtg Organizing Committee, Plenary Coordinator, 2016-2017  
 Nominating Committee, 2017  
 Code of Conduct Task Force, 2020  
 Awards Committee, 2021-present

1997- 2020  
 1998- present  
 Endocrine Society  
 Academy of Clinical Laboratory Physicians and Scientists (ACLPS)  
 Program and Finance Committee, 2003-2004  
 Membership Committee, 2004-2007  
 Nominating and Awards Committee, 2007-2010  
 Executive Council, 2011-2015  
 Ad Hoc Paul E. Strandjord Young Investigator Grant Review Committee, 2016-2017

1998-2004  
 American Board of Clinical Chemistry (ABCC)  
 Clinical Chemistry Exam Subcommittee, Member, 1998-2001  
 Clinical Chemistry Exam Subcommittee, Co-Chair, 2001-2002  
 Molecular Pathology Exam Committee, Member, 1998-2001  
 Vice-President and Chair, Examinations Committee, 2002-2003  
 President, 2003-2004

2000-2013  
 Core Competencies Task Force, 2019-2020  
 National Academy of Clinical Biochemistry (NACB)  
 Long Range Planning Committee, 2001-2003  
 Laboratory Medicine Practice Guidelines 2004 Committee on "Evidence Based Practice for Point of Care Testing"  
 Chair, "Reproductive Testing" subcommittee, 2002-2005  
 Awards Committee, 2005-2006

2000-2020  
 International Federation of Clinical Chemistry and Laboratory Medicine  
 Awards Committee, 2000-2002  
 National Representative for AACC, 2010-2012  
 Chair, Task Force on Ethics, 2014-2018  
 North American Federation Representative to the Executive Board, 2018-2020  
 Awards Committee, 2018-2020  
 Conference Organizing Committee, IFCC Virtual Conference: Critical Role of Clinical Laboratories in COVID-19 Pandemic, 2020-2021

2003-2009  
 Commission on Accreditation in Clinical Chemistry (ComACC)  
 Secretary/Treasurer, 2003-2009

2006-2010  
 Food and Drug Administration  
 Clinical Chemistry & Clinical Toxicology Devices Advisory Panel, 2006-2010

1996-present  
 Washington University Academic Women's Network (AWN)  
 Pre-Clinical Counselor 1999-2001  
 Pre-Clinical Counselor 2005-2006  
 President 2006-2007

	Editor quarterly newsletter <i>AWNings</i> , 2006-2010
	Liaison to the Executive Committee Faculty Council (ECFC), 2007-2008
2012-2020	Women of AP/CP Professional Development group, Founder & Director
2013-2015	Clinical Laboratory Standards Institute (CLSI)
	Consensus Committee on Clinical Chemistry and Toxicology, 2013-2015
2015-2016	Clinical Laboratory Improvement Advisory Committee (CLIAC), Centers for Disease Control

### Major Invited Professorships and Lectures:

1. Visiting Professor, Mayo Clinic, Rochester, MN, December 1998, "Stimulation of interferon synthesis by a baculovirus envelope glycoprotein."
2. Edutrak on Molecular Endocrinology for the Clinical Laboratorian, "Reproductive Endocrinology: Molecular defects that interfere with normal fertility." American Association for Clinical Chemistry National Meeting. San Francisco, CA, July 2000.
3. Pacific Northwest Section AACC. Portland, OR, February 2002. "Biochemical Markers of Preterm Delivery."
4. Visiting Professor, University of Hawaii at Manoa, Honolulu, HI, February 2003.
  - "Biochemical markers of preterm delivery: fetal fibronectin and cytokines"
  - The Queens Medical Center
  - "Laboratory testing in infertility treatment and reproductive evaluations."
  - Kaiser Permanente
  - "Laboratory assessment of thyroid disease in pregnancy"
  - St. Francis Medical Center
  - "Biochemical markers of fetal lung maturity"
  - Kaiser Permanente
5. Edutrak on NACB 2004: Evidence Based Practice for POCT, "Reproductive Testing." American Association for Clinical Chemistry National Meeting. Los Angeles, CA, July 2004
6. Visiting Professor, University of Washington, Seattle, WA, November 2004.
  - "Cervicovaginal cytokines as markers of preterm delivery"
  - "Preparing for the ABCC Board Exam in Clinical Chemistry"
  - "Dynamic Endocrine Testing"
7. Pacific Northwest Section AACC, Seattle, WA, November 2004. "Evidence Based Practice for POCT: Reproductive Testing."
8. Visiting Professor, Lab One, Cincinnati, OH, January 2005. "Cervicovaginal cytokines as markers of preterm delivery."
9. Guest Lecturer, Louisiana and Mississippi Societies for Clinical Laboratory Science Joint Annual Meeting, New Orleans, LA, April 2005. "An update on the assessment of Fetal Lung Maturity."

10. Guest Faculty, Mayo Medical Laboratories' Conference, "How the Practice of Medicine Informs Technology." Orlando, FL, July 2005. "Predicting Respiratory Distress Syndrome using gestational age and fetal lung maturity by fluorescent polarization."
11. Visiting Professor, University of Utah, Salt Lake City, UT, October 2005. "Laboratory Assessment of Thyroid Disease in Pregnancy" and "Work-Life Balance: One Woman's Perspective."
12. Guest Lecturer, Carolina Clinical Connection 2006, Asheville, NC, April 2006. "An Update on the assessment of fetal lung maturity."
13. Guest Faculty, Orotta School of Medicine, Asmara, Eritrea, Africa, June 8-16, 2006.  
"Laboratory issues in the diagnosis and management of Diabetes Mellitus"  
"Lipid Measurement: Assessing the risk of cardiovascular disease"  
"Thyroid function testing"  
"General clinical chemistry"  
"Reproductive physiology and infertility"
14. Invited Speaker, Athena Society, Mykonos, Greece, September 2006. "Where will lab testing be done in ten years? At Starbucks."
15. Pacific Northwest Section AACC, Seattle, WA, March 2007. "Serum hCG concentrations in non-pregnant Peri- and Post-menopausal women."
16. Visiting Professor, University of Alberta, Edmonton, Alberta, Canada, May 2007. "Biochemical Markers of Fetal Lung Maturity."
17. Guest Lecturer, Louisiana State University, Clinical Laboratory Science Continuing Education Day, New Orleans, LA, November 2007. "Serum hCG concentrations in non-pregnant Peri- and Post-menopausal women."
18. Visiting Professor, University of Hawaii at Manoa, Honolulu, HI, March 2008. "Rules-Based Detection of Discrepancies Between TSH and free T4 Results;" "Laboratory assessment of thyroid disease in pregnancy;" "Serum hCG concentrations in non-pregnant peri- and post-menopausal women;" and "Reproductive testing: Laboratory Medicine Practice Guidelines."
19. Invited Speaker, Milwaukee-Wisconsin Clinical Chemists Club, Milwaukee, WI, May 2008. "Serum hCG concentrations in non-pregnant peri- and post-menopausal women."
20. Invited Lecturer, Professional Practice in Clinical Chemistry: Review and Update. Alexandria, VA, April 2009. "Clinical chemistry of pregnancy" and "Fetal lung maturity testing".
21. Invited Speaker, Athena Society, Porto Heli, Greece, September 2009. "Vitamin D testing for the masses?"
22. Invited Speaker, International Conference on Laboratory Medicine, Laboratory Diagnostics in the third millennium: where, how and why. Padova, Italy, October 2009. "Reproductive-Endocrine POCT".

23. Invited speaker, American Society for Clinical pathology, Updates in Clinical Chemistry: Pregnancy and Women's Health. Baltimore, MD, May 2010. "The Clinical Chemistry of Pregnancy" and "Contemporary Issues in Fetal Lung Maturity Testing".
24. Invited speaker, Society of Maternal Fetal Medicine, San Francisco, CA, February 2011. Scientific Forum: Computers in Medicine "Creation of a Pregnancy Biospecimen Bank: From conception to delivery".
25. Invited speaker, American Society for Clinical pathology, Updates in Clinical Chemistry: Pregnancy and Women's Health. San Francisco, February 2011. "The Clinical Chemistry of Pregnancy" and "Contemporary Issues in Fetal Lung Maturity Testing".
26. Invited speaker, International Congress of Paediatric Laboratory Medicine, Euromedlab. Berlin, Germany. June 2011. "The Clinical Chemistry of Pregnancy" and "Contemporary Issues in Fetal Lung Maturity Testing".
27. Invited speaker, American Society for Clinical pathology, Updates in Clinical Chemistry: Pregnancy and Women's Health. Minneapolis, MN, September 2011. "The Clinical Chemistry of Pregnancy" and "Contemporary Issues in Fetal Lung Maturity Testing".
28. Guest Lecturer. St. John's Mercy Medical Center. St. Louis, MO September 2011. "Contemporary Issues in Fetal Lung Maturity Testing".
29. Invited Speaker, Athena Society, Messinia, Greece, September 2012. "Let's screen for prostate cancer...NOT!"
30. Invited speaker, Boston Children's Hospital. Boston, MA November 2012. "The Analytical and Clinical Complexities of Measuring hCG".
31. Invited speaker, Chinese University of Hong Kong, April 2013. "The Analytical and Clinical Complexities of Measuring hCG".
32. Invited speaker, Hong Kong Society of Clinical Chemistry, April 2013. "Laboratory testing during pregnancy: More questions than answers?".
33. Thesis defense, Doctor of Philosophy in Chemical Pathology Jiawei (Gary) Liao "Noninvasive prenatal diagnosis by targeted massively parallel sequencing of maternal plasma" Chinese University of Hong Kong, April 2013.
34. Invited speaker, 14<sup>th</sup> Annual Bergmeyer Conference-"Women's Health", Garmisch-Partenkirchen, Germany March 2014. "Women's Health-an introduction".
35. Invited speaker, University of Texas MD Anderson Cancer Center, Texas, May 2014. "The complexities of measuring hCG".
36. Invited speaker, American Association for Clinical Chemistry, Chicago Illinois, July 2014. NACB's Distinguished Abstract Awards "Development of a Pregnant Subject Biospecimen Bank."



37. Invited speaker, North American Forum on Family Planning, Miami, October 2014. "Demystifying hCG".
38. Invited Speaker, Athena Society, Crete, Greece, June 2015. "We can do it, but should we?"
39. Invited speaker, American Association for Clinical Chemistry, Atlanta, July 2015. "Rapid and novel detection of fetal abnormalities and abnormal pregnancy"
40. Invited speaker, American Society for Clinical Laboratory Science, Atlanta, July 2015. "Demystifying hCG".
41. Visiting Professor, University of Utah, Salt Lake City, UT, September 2015. "Laboratory Testing During Pregnancy" and "Medical Professionalism."
42. Invited speaker, International Federation for Clinical Chemistry General Congress, Madrid, Spain, March 2016, "Ethics in Laboratory Medicine: Using "Pearls" as an innovative teaching method".
43. Invited speaker, American Society of Microbiology, Boston MA, June 2016, "Direct to Consumer Testing: Is it ethical to allow patients to order tests?"
44. Invited speaker, Canadian Society for Clinical Chemistry, Edmonton CA, June 2016, "The Importance of Studying Women's Health".
45. Visiting Professor, Weill Cornell Medical Center, New York, NY, October 2016. "An 18-year old pregnant female with negative hCG? The Analytical and Clinical Complexities of Measuring hCG".
46. Invited speaker, Upstate New York Local AACC Section Meeting, Verona, NY, November 2016, "Direct to Consumer Testing: Is it ethical to allow patients to order tests?" and "Pregnancy Testing: From the Teal to the Ridiculous"
47. Visiting Professor, University of Pittsburgh Medical Center, Pittsburgh, PA, February 2017. "An 18-year old pregnant female with negative hCG? The Analytical and Clinical Complexities of Measuring hCG".
48. Invited Speaker, International Federation for Clinical Chemistry EuroMedLab, Athens, Greece, June 2017, "Ethics Issues in Laboratory Medicine", "How to succeed in Science and Medicine as a Woman", Moderator of Debate "Ethics of Gene Editing".
49. Visiting Professor, University of California San Francisco, June 2017, "The Importance of Studying Women's Health".
50. Invited Speaker, AACC Middle East, Abu Dhabi, UAE, March 2018, "Thyroid Testing in Pregnancy", "The Measurement of hCG in Normal Pregnancy".

51. Invited speaker, IFCC, EFLM, AFCB, FIFBCML Conference Laboratory Medicine: Meeting the Needs of Mediterranean Nations, University of Tor Vergota, Rome, July 2018, "Who or what is SHERLOCK?"
52. Invited Speaker, Athena Society, Corfu, Greece, September 2018. "Who or what is SHERLOCK?"
53. Visiting Professor, Arizona State University, November 2018, "The Ethics of Direct to Consumer Testing".
54. Thesis defense, Barretts Honors thesis Meilin Zhu "Investigating Eccrine Sweat as a Noninvasive Biomarker Resource" Arizona State University, November 2018.
55. Visiting Professor, Temple University, December 2018, "An 18-year old pregnant female with negative hCG? The Analytical and Clinical Complexities of Measuring hCG" and "Career Essentials: 10 Ways to Increase your Value".
56. Invited speaker, Societe Tunisienne de Biologie Clinique Conference Medina-Hammamet, Tunisia, February 2019, "Who or what is SHERLOCK?".
57. Visiting Professor, Yale University, April 2019, "An 18-year old pregnant female with negative hCG? The Analytical and Clinical Complexities of Measuring hCG".
58. Visiting Professor, University of Arkansas for Medical Sciences, December 2019, "An 18-year old pregnant female with negative hCG? The Analytical and Clinical Complexities of Measuring hCG".
59. Invited Speaker, AlexMedLab, Alexandria University, Alexandria, Egypt, March, 2020, "An 18-year old pregnant female with negative hCG? The Analytical and Clinical Complexities of Measuring hCG".
60. Invited speaker, Chinese American Pathologists Association, Virtual, August 2021, "Preparing your Negotiation Strategy".

### Consulting Relationships:

2003-2010 Consulting, Laboratory Medical Director, Shriners Hospital, St Louis, MO  
 2016-2017 Scientific and Medical Advisory Board, Theranos  
 2010-2018 Consultant, Church and Dwight Co., Inc.

### Research Support

Research Grant (PI: Gronowski)

The ability of qualitative urine hCG devices to detect various isoforms of hCG during early pregnancy.

6/1/07-5/31/08

AACC Van Slyke Foundation

\$4,995

Washington University (PI: Gronowski) Formation of a Women's Health Specimen Consortium 06/01/09-01/31/10 WU Inst of Clinical & Translational Sci	\$80,000
CDI-LI-2010-95 (PI Moley; Co-PI Gronowski) The Women and Infants Health Specimen Consortium 7/1/10-6/30/11 Children's Discovery Institute	\$400,000
CDI-LI-2010-95 (PI Moley; Co-PI Gronowski) The Women and Infants Health Specimen Consortium 7/1/11-6/30/12 Children's Discovery Institute	\$400,000
CDI-LI-2010-95 (PI Moley; Co-PI Gronowski) The Women and Infants Health Specimen Consortium 7/1/12-6/30/13 Children's Discovery Institute	\$400,000
CDI-LI-2010-95 (PI Moley; Co-PI Gronowski) The Women and Infants Health Specimen Consortium 7/1/13-6/30/14 Children's Discovery Institute	\$250,000

**Patents:**

US Patent 6001806- Interferon stimulating protein and uses thereof  
 Patent pending- Methods of Reducing Interference in Immunoassays  
 Provisional Patent-Automated interpretation of protein capillary electrophoresis

**Bibliography:**Peer Reviewed Manuscripts:

1. Hannon K, **Gronowski AM**, Trenkle A: Relationship of liver and skeletal muscle IGF-1 mRNA to plasma GH profile, production of IGF-1 by liver, plasma IGF-1 concentrations, and growth rates of cattle. *Proc Soc Exp Biol Med* 1991;196:155-163
2. **Gronowski AM**, Bertics PJ: Evidence for the potentiation of EGF receptor tyrosine kinase activity by association with the detergent-insoluble cellular cytoskeleton: analysis of intact and carboxy-terminally truncated receptors. *Endocrinology* 1993;133:2838-2846
3. **Gronowski AM**, Rotwein P: Rapid changes in nuclear protein tyrosine phosphorylation after growth hormone treatment *in vivo*. *J Biol Chem* 1994;269:7874-7878

4. Thomas MJ, **Gronowski AM**, Berry SA, Bergad PL, Rotwein P: Growth hormone rapidly activates rat serine protease inhibitor 2.1 gene transcription and induces a DNA-binding activity distinct from Stats 1, 3, and 4. *Mol Cell Biol* 1995;15:12-18
5. **Gronowski AM**, Zhong Z, Wen Z, Thomas MJ, Darnell J, Jr., Rotwein P: *In vivo* growth hormone treatment rapidly stimulates the tyrosine phosphorylation and activation of Stat3. *Mol Endo* 1995;9:171-177
6. **Gronowski AM**, Bertics PJ: Modulation of epidermal growth factor receptor interaction with the detergent-insoluble cytoskeleton and its effects on receptor tyrosine kinase activity. *Endocrinology* 1995;136:2198-2205
7. **Gronowski AM**, Wong ECC, Wilhite T, Martin D, Smith C, Parvin CA, Landt M: Evaluation of the varelisa GAD II antibody enzyme immunoassay. *Clin Chem* 1995;41:1532-1534
8. **Gronowski AM**, Rotwein P: Rapid changes in gene expression after *in vivo* growth hormone treatment. *Endocrinology* 1995;136:4741-4748
9. **Gronowski AM**, LeStunff C, Rotwein P: Acute nuclear actions of growth hormone (GH): Cycloheximide inhibits inducible activator protein-1 activity, but does not block GH-regulated signal transducer and activator of transcription activation or gene expression. *Endocrinology* 1996;137:55-64
10. LeStunff C, **Gronowski AM**, Rotwein P: Contrasting acute *in vivo* nuclear actions of growth hormone and prolactin. *Mol and Cellular Endocrinology* 1996;121:109-117
11. Parvin CA, **Gronowski AM**: Effect of analytical run length on quality-control (QC) performance and the QC planning process. *Clin Chem* 1997;43:2149-2154
12. Mast AE, Blinder MA, **Gronowski AM**, Chumley C, Scott M: Clinical utility of the soluble transferrin receptor and comparison with serum ferritin in several populations. *Clin Chem* 1998;44:45-51
13. Manzella S, **Gronowski A**, Ladenson J, Scott MG. Limited linear range of the Abbott AxSym serum and erythrocyte folate methods. *Clin Chem (Letter)* 1999;45:582-583
14. Landau-Levine M, Way BA, Clutter WE, Scott MG, **Gronowski AM**: Antibody interference with a heterogeneous immunoassay for TSH. *Clin Chim Acta* 1999;281:177-180
15. **Gronowski AM**, Hilbert DM, Sheehan KCF, Garotta G, Schreiber RD: Baculovirus stimulates antiviral effects in mammalian cells. *J Virology* 1999;73:9944-9951
16. **Gronowski AM**, Copper S, Baorto D, Murray PR. Reproducibility problems with the Abbott Laboratories LCx assay for *Chlamydia trachomatis* and *Neisseria gonorrhoeae*. *J Clin Microbiology* 2000;38:2416-2418

17. Fantz CR, Powell C, Karon B, Parvin CA, Hankins K, Dayal M, Sadovsky Y, Johari V, Apple FS, **Gronowski AM**. Assessment of the diagnostic efficiency of the TDx-FLM II to predict fetal lung maturity. *Clin Chem* 2002;48:761-765
18. Fung MK, Mordarski KT, Bader SA, **Gronowski AM**. Evaluation of the Wampole Laboratories ELISA-based assay for Epstein-Barr virus Serology. *Clin Chim Acta* 2002;319:43-48
19. Carayannopoulos MO, Grenache DG, **Gronowski AM**. Method evaluation for total  $\beta$ -hCG using urine and the Abbott AxSym®. *Clin Chem* 2002;48:1796-1797
20. Luzzi V, Hankins K, **Gronowski AM**. The accuracy of the rapid fFN TLi™ system in predicting preterm delivery. *Clin Chem* 2003;49:501-502
21. Dutton CJ, Parvin CA, **Gronowski AM**. Measurement of glycated hemoglobin percentages for use in the diagnosis and monitoring of diabetes mellitus in nonhuman primates. *Am J Vet Research* 2003;64:562-8
22. Luzzi VI, Scott MG, **Gronowski AM**. Negative thyrotropin assay interference associated with an IgGK paraprotein. Letter to Editor. *Clin Chem* 2003;49(4):709-710
23. Mitchell DR, Parvin CA, **Gronowski AM**. Rules based detection of discrepancies between TSH and free T<sub>4</sub> results. *Clin Chim Acta* 2003;332:89-94
24. Grenache DG, Parvin CA, **Gronowski AM**. Preanalytical factors that influence the Abbott TDx FLM assay. *Clin Chem* 2003;49:935-939
25. Carriappa R, Parvin CA, **Gronowski AM**. Bilirubin in amniotic fluid does not interfere with the Abbott TDx FLMII assay. *Clin Chem* 2003;49:986-987
26. Szallasi A, **Gronowski AM**, Eby CS. Lamellar body count in amniotic fluid: a comparative study using four different hematology analyzers. *Clin Chem* 2003;49:994-997
27. Halldorsdottir A, Carayannopoulos MO, Scrivner M, **Gronowski AM**. Method evaluation for total beta-hCG using urine and the ADVIA Centaur. Letter to Editor. *Clin Chem* 2003;49:1421-1422
28. Singh PK, Parvin CA, **Gronowski AM**. Establishment of reference intervals for markers of fetal thyroid status in amniotic fluid. *J Clin Endocrinol Metab* 2003;88:4175-4179
29. **Gronowski AM**, Parvin CA. Prediction of risk for respiratory distress syndrome using gestational age and the TDx FLMII Assay. Letter to Editor. *Am J Obstet Gynecol* 2003;189:1511-1512
30. Foster K, Moore J, Hankins K, Parvin CA, **Gronowski AM**. Effect of blood contamination on delta 450 bilirubin measurement: An *in vitro* comparison of two corrective methods. *Clin Chem* 2004;50:1420-1422

31. Grenache DG, Hankins K, Parvin CA, **Gronowski AM**. Cervicovaginal Interleukin-6, Tumor Necrosis Factor- $\alpha$  and Interleukin-2 Receptor as markers of preterm delivery. *Clin Chem* 2004;50:1839-1842
32. Klutts JS, Liao RS, Dunne WM, **Gronowski AM**. Evaluation of a multiplexed bead assay for assessment of Epstein-Barr virus immunologic status. *J Clin Micro* 2004;42:4996-5000
33. Parvin CA, Kaplan LA, Chapman JF, McManamon TG, **Gronowski AM**. Predicting respiratory distress syndrome using gestational age and fetal lung maturity by fluorescent polarization. *Am J Obstet Gyn* 2005;192:199-207
34. Snyder JA, Haymond S, Parvin CA, **Gronowski AM**, Grenache DG. Diagnostic considerations in the measurement of human chorionic gonadotropin in aging women. *Clin Chem* 2005;51:1830-1835
35. Parvin CA, Kaplan LA, Chapman JF, McManamon TG, **Gronowski AM**. (Reply letter to Editor) *Am J Obstet Gyn* 2005; 193:1880
36. Bildirici I, Moga CV, **Gronowski AM**, Sadovsky Y. The weekly increment of amniotic fluid TDx-FLM II ratio is constant during the latter part of pregnancy. *Am J Obstet Gyn* 2005;193:1685-1690
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#### Blogs:

1. Co-author and editor. The Pregnancy Lab. <http://www.pregnancylab.net/>

#### Other Media:

1. "Fetal Lung Maturity Testing" A Pearl of Laboratory Medicine available on the *Clinical Chemistry* Trainee Council Website <https://www.aacc.org/clinical-chemistry-trainee-council>
2. "Medical Professionalism" A Pearl of Laboratory Medicine available on the *Clinical Chemistry* Trainee Council Website <https://www.aacc.org/clinical-chemistry-trainee-council>
3. "Ethics in Laboratory Medicine" A Pearl of Laboratory Medicine available on the *Clinical Chemistry* Trainee Council Website <https://www.aacc.org/clinical-chemistry-trainee-council>
4. "Ethical Issues in Biobanking" A Pearl of Laboratory Medicine available on the *Clinical Chemistry* Trainee Council Website <https://www.aacc.org/clinical-chemistry-trainee-council>

Leadership Development Training

- 2006 University of Notre Dame Executive Management Program
- 2007 Women in Science & Engineering Leadership Institute (WISELI) Searching for Excellence and Diversity Training
- 2017 Professional Mentoring Skill Enhancing Diversity (PROMISED) Leadership training, University of Pittsburgh
- 2019 Academic Medical Leadership Program for Physicians and Scientists (AMLPPS) Washington University School of Medicine, Olin Business School and BJC HealthCare