

Tae-Yon Chun, Ph.D., J.D.

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CURRENT EMPLOYMENT:

- Attorney at Darae Law & IP Firm, Seoul, Korea
- Chief Legal Officer at Benebiosis Co., Ltd, Seoul, Korea

BAR ADMISSION:

- United States Patent and Trademark Office
- Supreme Court of Indiana
- United States District Court for the Northern and Southern Districts of Indiana
- District of Columbia

ASSOCIATION & PROFESSIONAL MEMBERSHIP:

- Board Member, International IP Commercialization Council, Korea Chapter
- American Bar Association
 - Biotechnology Committee
 - Nanotechnology Committee

EDUCATION:

- **J.D.**, Indiana University Robert H. McKinney School of Law, *2011*
- **Postdoctoral Fellow**, Department of Biochemistry, University of Wisconsin-Madison, *1995-1998*
- **Ph.D.**, Department of Biochemistry, University of Wisconsin-Madison, *1993*
- **B.S.**, Department of Biochemistry, Yonsei University, Seoul, Korea, *1988*
- **Exchange Student**, Department of Chemistry, University of Nebraska-Lincoln, *1985-1986*

NEWSPAPER ARTICLES:

- Tae-Yon Chun, *Life is Short, Copyright is Long*, Korean Daily News (JoongAngIlbo), Los Angeles, Feb 1, 2013.
http://www.koreadaily.com/news/read.asp?page=1&branch=NEWS&source=&category=opinion&art_id=1583437
- Tae-Yon Chun, *Politicians, Research Integrity and Authorship in Scientific Paper*, Korean Daily News (JoongAngIlbo), Los Angeles, Oct 11, 2012.
http://www.koreadaily.com/news/read.asp?art_id=1503755
- Tae-Yon Chun, *Copyright, Youtube and Smart PSY*, Korean Daily News (JoongAngIlbo), Los Angeles, Sep 23, 2012.
http://www.koreadaily.com/news/read.asp?art_id=1489781
- Tae-Yon Chun, *Impact of Patent Litigation on IT Industry*, Korean Daily News (JoongAngIlbo), Los Angeles, Aug 21, 2012.
http://www.koreadaily.com/news/read.asp?art_id=1467931

ACADEMIC PUBLICATIONS:

Book Chapters

1. **Chun TY** and Pratt JH, *Mineralocorticoid receptors*, in Hypertension Primer (4th Edition) 2008:64-65
2. Gorski J, **Chun TY**, Wendell D, *The Numbers Game with Estrogen Receptors and Growth Regulation*, in Hormonal Carcinogenesis III: Proceedings of the 3rd International Symposium, Springer Verlag Publishing, 2000 1st Edition 25.
3. Hayes CE, Nashold F, **Chun TY**, Cantorna MT, *Vitamin A: A regulator of immune function*, in Retinoids: From basic science to clinical applications, Birkhauser publishing, 1994

Peer Reviewed Scientific Publications

1. **Chun TY**, Bankir L, Eckert GJ, Saha C, Wagner MA, Deem B, Bischet DG, Pratt JH. The Na-K-2Cl Cotransporter As A Mediator Of The Na⁺ Retention In African Americans, *Hypertension*, 2008 (52):241
2. **Chun TY**, Kim JW, Chander PN, Pratt JH, Stier CT. Aldosterone and not angiotensin II as an early inducer of the expression of renal profibrotic factors in saline-drinking stroke-prone spontaneously hypertensive rats (**corresponding and lead author**), *American Journal of Physiology-Endocrinology & Metabolism*, 2008 (295):E305
3. **Chun TY** and Pratt JH. Hyperaldosteronism: a commonly occurring underlying feature of essential hypertension and metabolic syndrome?, *Current Opinion in Endocrinology, Diabetes & Obesity* 2007 (14):210
4. **Chun TY** and Pratt JH. Nongenomic renal effects of aldosterone: dependency on NO and genomic actions, *Hypertension* 2006 (47):636
5. **Chun TY**, Pratt JH. Aldosterone increases plasminogen activator inhibitor-1 expression in rat cardiomyocytes, *Mol. Cell. Endocrinol* 2005 (239):55

Selected as Recommended Article by Faculty of 1000(<http://www.facultyof1000.com>)(**corresponding author**)

6. Saha C, Eckert GJ, Ambrosius WT, **Chun TY**, Zhao Q, Pratt JH. Improvement in blood pressure with inhibition of the epithelial sodium channel in blacks with hypertension. *Hypertension*, 2005 (46):481, Editorial: 469-70
7. **Chun TY**, Pratt JH. Nongenomic effects of aldosterone: new actions and questions of aldosterone. *Trends in Endocrinology and Metabolism* 2004 (15):353
8. **Chun TY**, Bloem L, Pratt JH. Aldosterone inhibits inducible nitric oxide synthase in neonatal rat cardiomyocytes. *Endocrinology* 2003 (144):1712 (**corresponding and lead author**)
9. **Chun TY**, Bloem L, Pratt JH. Spironolactone increases integrin beta 3 gene expression in kidney and heart muscle. *Mol. Cell. Endocrinol*, 2002 (194):175
10. Watters JJ, **Chun TY**, Kim YN, Bertics P, Gorski J. Estrogen modulation of PRL gene expression requires an intact mitogen activated protein kinase signal transduction pathway in cultured rat pituitary cells. *Mol. Endo*, 2000 (14):1872
11. **Chun TY**, Gorski J. High concentration of bisphenol A induces cell growth and prolactin secretion in an estrogen responsive pituitary tumor cell line. *Tox. Appl. Pharmacol*, 2000 (162):161
12. **Chun TY**, Wendell D, Gregg D, Gorski J. Estrogen-induced rat pituitary tumor is associated with loss of retinoblastoma susceptibility gene product (pRb). *Mol. Cell. Endocrinol*, 1998 (146):87

13. **Chun TY**, Gregg D, Sarkar DK, Gorski J. Differential regulation by estrogens of growth and prolactin synthesis in pituitary cells suggests only a small pool of estrogen receptors is required for growth. *Proc. Natl. Acad. Sci.*, 1998 (95):2325
14. Stahl S, **Chun TY**, Gray WG. Phytoestrogens act as estrogen agonists in an estrogen-responsive pituitary cell line. *Tox. Appl. Pharmacol*, 1998 (152):41
15. Gorski J, Wendell D, Gregg D, **Chun TY**. Estrogen and the genetic control of tumor growth. in *Progress in clinical and biological research*, Wiley-Liss Publishing, 1997 (396):233
16. Cantorna MT, Nashold F, **Chun TY**, Hayes CE. Vitamin A downregulation of interferon-gamma synthesis in cloned mouse Th1 lymphocytes depends on the CD28 costimulatory pathway. *J. of Immunology*, 1996 (156):2674
17. **Chun TY**, Carman JA, Hayes CE. Retinoid repletion of vitamin A-deficient mice restores IgG responses. *J. of Nutrition*, 1992 (122):1062

Abstract Presentations

1. **Chun TY**, Kim JW, Chander PN, Pratt JH, Stier CT. Aldosterone and not angiotensin II is an early inducer of the expression of renal profibrotic factors in saline-drinking stroke-prone spontaneously hypertensive rats. The AHA Scientific Sessions 2006, Chicago, IL.
2. **Chun TY**, Bankir L, Eckert GJ, Saha C, Wagner MA, Deem B, Bischet DG, Pratt JH. The Na-K-2Cl Cotransporter As A Mediator Of The Na⁺ Retention In African Americans. The 60th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research, 2006, San Antonio, TX.
3. **Chun TY**, Bankir L, Eckert GJ, Saha C, Wagner MA, Deem B, Bischet DG, Pratt JH. The Na-K-2Cl Cotransporter As A Mediator Of The Na⁺ Retention In African Americans. The 32nd International Aldosterone Conference, 2006, Boston, MA.
4. Stier CT, Hassan IR, Masineni S, Singh G, **Chun TY**, Pratt JH, Chander PN. Cardiovascular consequences of long-term therapy with eplerenone in non-salt loaded stroke-prone hypertensive rats. The 32nd International Aldosterone Conference, 2006, Boston, MA.
5. **Chun TY**, Kim JW, Chander PN, Pratt JH, Stier CT. Aldosterone, but not angiotensin II, increases PAI-1 in adrenalectomized SHRSP. The Endocrine Society 88th Annual Meeting, 2006, Boston, MA.
6. Foroud T, Flury L, Edenberg ER, Edenberg HJ, Xuei X, Eckert G, **Chun TY**, Pratt JH. Association of the calcium sensing receptor gene CASR with blood pressure in normotensive subjects. The 59th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research, 2005, Washington, DC.
7. **Chun TY**, Pratt JH. Aldosterone increases plasminogen activator inhibitor-1 expression in rat cardiac muscle cells. The 30th International Aldosterone Conference, 2004, New Orleans, LA.
8. **Chun TY**, Pratt JH. Aldosterone increases plasminogen activator inhibitor-1 expression in rat cardiac muscle cells. The Endocrine Society 86th annual meeting, 2004, New Orleans, LA.
9. **Chun TY**, Choi EY, Pratt JH. Aldosterone may inhibit iNOS expression in cardiomyocytes by increasing cathepsin B activation of latent TGF- β 1. Great Lakes Nuclear Receptor Meeting, 2003, Toledo, OH.
10. **Chun TY**, Choi EY, Pratt JH. Aldosterone may inhibit iNOS expression in cardiomyocytes by increasing cathepsin B activation of latent TGF- β 1. The 29th International Aldosterone Conference, 2003, Philadelphia, PA.
11. **Chun TY**, Choi EY, Pratt JH. Inhibition of cathepsin B activity restores aldosterone dependent iNOS inhibition in neonatal rat cardiomyocytes. The Endocrine Society 85th annual meeting, 2003, Philadelphia, PA.

12. **Chun TY**, Pratt JH. Regulation of inducible nitric oxide synthase by aldosterone in neonatal rat cardiac fibroblasts. The Endocrine Society 84th annual meeting, 2002, San Francisco, CA.
13. **Chun TY**, Pratt JH. Spironolactone, a mineralocorticoid receptor antagonist, increases inducible nitric oxide synthase in neonatal rat cardiomyocytes. The 27th International Aldosterone Conference, 2001, Denver, CO.
14. **Chun TY**, Pratt JH. Spironolactone, a mineralocorticoid receptor antagonist, increases inducible nitric oxide synthase in neonatal rat cardiomyocytes. The Endocrine Society 83rd annual meeting, 2001, Denver, CO.
15. **Chun TY**, Guo CL, Pratt JH. Integrin beta 3 gene regulation by spironolactone: A case of reversed pharmacology. 26th International Aldosterone Conference, 2000, Toronto, Canada.
16. **Chun TY**, Guo C, Pratt JH. The mineralocorticoid receptor antagonist spironolactone increases integrin beta 3 gene expression in *Xenopus* kidney epithelial cells. The Endocrine Society 82nd annual meeting, 2000, Toronto, Canada.
17. **Chun TY**, Gorski J. Effect of xenoestrogen bisphenol A on the growth and prolactin synthesis of a newly developed rat pituitary lactotroph cell line. The Endocrine Society 80th annual meeting, 1998, New Orleans, LA
18. **Chun TY**, Wendell D, Gregg D, Gorski J. Estrogen-induced rat pituitary tumor is associated with loss of retinoblastoma susceptibility gene product (pRb). The Endocrine Society 79th annual meeting, 1997, Minneapolis, MN.
19. **Chun TY**, Wendell D, Gregg D, Gorski J. Estrogen-induced rat pituitary tumor is associated with loss of retinoblastoma susceptibility gene product (pRb). The 48th annual meeting of Korean Society of Medical Biochemistry and Molecular Biology. 1996, Seoul, Korea. **(Oral Presentation)**
20. **Chun TY**, Cantorna MT, Hayes CE. Vitamin A: as an immune response regulator. The 8th annual meeting of the Korean Society for Molecular Biology. 1996, Seoul, Korea. **(Oral Presentation)**
21. Cantorna MT, Nashold F, **Chun TY**, Hayes CE. Retinoic acid inhibition of Th1 cell IFN-gamma synthesis depends on CD28 costimulation. Keystone Symposia, 1996, Hilton Head, SC.
22. Hayes CE, Nashold F, **Chun TY**, Cantorna MT. Vitamin A: A regulator of immune function. The European Retinoids Group 3rd Biennial Conference. 1993, Genoa, Italy.
23. **Chun TY**, Hayes CE. Retinoids downregulate IFN-gamma production from cloned mouse MD13-10 Th1 lymphocytes. The Autumn Immunology Conference, 1992, Chicago, IL.

Invited Seminar Presentations

- 2006- VA Research Seminar Series, Richard L Roudebush VA Medical Center of Indianapolis-*Ethnic difference in Hypertension*
- 2005- VA Research Seminar Series, Richard L Roudebush VA Medical Center of Indianapolis-*Aldosterone as a cardiovascular risk factor*
- 2003- Endocrine Research Conference, Indiana Univ. School of Medicine-*Aldosterone, as a risk factor for cardiovascular disease: Identification of molecular targets*
- 2001- The Indiana Center for Vascular Biology and Medicine Seminar-*Mineralocorticoid Receptor Antagonism*
- 1998- Endocrinology and Reproductive Physiology Program, University of Wisconsin-Madison-*Differential regulation by estrogens of growth and prolactin synthesis in pituitary cells suggests only a small pool of estrogen receptors is required for growth*
- 1998- Harvard University School of Medicine, Massachusetts General Hospital, Div. of Neuroendocrinology-*Estrogen dependent gene expression and growth*

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- 1998- Mayo Clinic, Dept. of Biochemistry-*Estrogen dependent gene expression and growth*
- 1996- Yonsei Univ. School of Medicine, Seoul, Korea- *Estrogen-induced rat pituitary tumor is associated with loss of retinoblastoma susceptibility gene product (pRb)*
- 1996- Yonsei Univ. Dept. of Biochemistry, Seoul, Korea, - *Estrogen-induced rat pituitary tumor is associated with loss of retinoblastoma susceptibility gene product (pRb)*
- 1994- Ajou Univ. School of Medicine, Suwon, Korea-*Vitamin A: as an immune response regulator*
- 1993- Korea Univ. Dept. of Chemistry, Seoul, Korea- *Vitamin A: as an immune response regulator*
- 1993- Yonsei Univ. Dept. of Biochemistry, Seoul, Korea- *Vitamin A: as an immune response regulator*