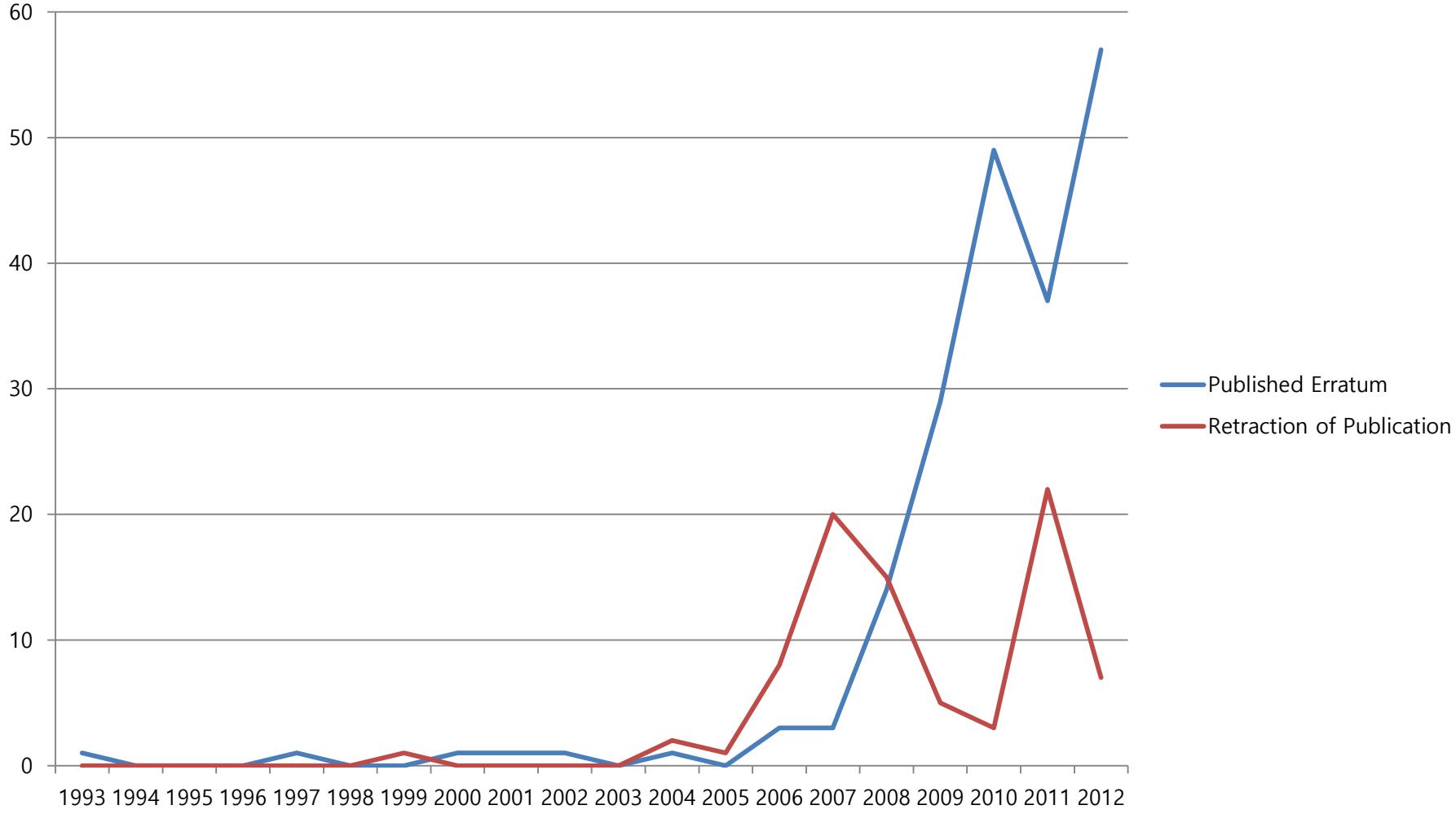
# Erratum & Retraction

# Erratum, Retraction이란?

- Erratum
  - An Erratum is a statement by the authors of the original paper that briefly describes any correction(s) resulting from errors or omissions.
- Retraction
  - A Retraction is a notice that the paper should not be regarded as part of the scientific literature. Retractions are issued if there is clear evidence that the findings are unreliable, this can be as a result of misconduct or honest error; if the findings have previously been published elsewhere without proper referencing, permission or justification; if the work is plagiarized; or if the work reports unethical research.

*- American Institute of Physics의 Retraction and Correction Policies 중*

# Erratum, Retraction 발행 상황

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Volume 4(6), November 2012
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348 Standardization of House Dust Mite Extracts in Korea
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# Erratum 형식

First, errors may be noted in published articles that require the publication of a correction or erratum on part of the work. The corrections should appear on a numbered page, be listed in the Table of Contents, include the complete original citation, and link to the original article and vice versa if online.

*- Uniform Requirements for Manuscripts Submitted to Biomedical Journals 중*

# Erratum 형식


Asia Pacific allergy
pISSN 2233-8276 · eISSN 2233-8268
Erratum
http://dx.doi.org/10.5415/apallergy.2012.2.1.90
Asia Pac Allergy 2012;2:90
(수정 된) 원논문의 article title
Rhinitis in children less than 6 years of age: current knowledge and challenges
(수정 된) 저자명
Antony Hardjojo, Lynette PC Shek, Hugo PS van Bever, and Bee Wah Lee
(수정 된) 소속기관
Department of Paediatrics, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 119228, Singapore
http://dx.doi.org/10.5415/apallergy.2011.1.3.115
Asia Pac Allergy 2011;1:115-122
원논문의 서지사항
To the Editor,
Thank you for publishing our review article titled "Rhinitis in children less than 6 years of age: current knowledge and challenges" in volume 1(3) of the October 2011 issue. In the original publication, we created a mistake in typing my name. Thus it was spelled as Antony Hadjojo when submitted to the publisher. The mistake was not due to the editorial office of Asia Pacific Allergy. We attached an erratum along with this letter to request for a correction of the author name into Antony Hardjojo.
Yours sincerely,
Antony Hardjojo
본문: 수정된 사항에 대해 언급

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원논문

Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection

1. Richard P. Mann, Andrea Perna, Daniel Strömbom, Roman Garnett, James E. Herbert-Read, David J. T. Sumpter, Ashley J. W. Ward
PLoS Comput Biol. 2012 January; 8(1): e1002308. Published online 2012 January 5. doi: 10.1371/journal.pcbi.1002308
Correction in: PLoS Comput Biol. 2012 March; 8(3): 10.1371/annotation/f490031b-2e94-42c8-8c10-4e316a7435be.
Retraction in: PLoS Comput Biol. 2012 August; 8(8): 10.1371/annotation/f0c3a37e-d0b2-4815-8242-7d348f7125c9.
PMCID: PMC3252267
Abstract Full Text Correction Retraction

Erratum 논문: Correction in

2. Sphingosine-1-phosphate receptor-2 deficiency leads to inhibition of macrophage proinflammatory activities and atherosclerosis in apoE-deficient mice
Fei Wang, Yasuo Okamoto, Isao Inoki, Kazuaki Yoshioka, Wa Du, Xun Qi, Noriko Takuwa, Koichi Gonda, Yasuhiko Yamamoto, Ryunosuke Ohkawa, Takumi Nishiuchi, Naotoshi Sugimoto, Yutaka Yatomi, Kunitoshi Mitsumori, Masahide Asano, Makoto Kinoshita, Yoh Takuwa
J Clin Invest. 2010 November 1; 120(11): 3979–3995. Published online 2010 October 18. doi: 10.1172/JCI42315
Correction in: J Clin Invest. 2012 January 3; 122(1): 419.
Retraction in: J Clin Invest. 2012 March 1; 122(3): 1131.
PMCID: PMC2964972
Abstract Full Text Supplementary Material Correction Retraction

3. Detection of MLV-related virus gene sequences in blood of patients with chronic fatigue syndrome and healthy blood donors
Shyh-Ching Lo, Natalia Pripuzova, Bingjie Li, Anthony L. Komaroff, Guo-Chiuan Hung, Richard Wang, Harvey J. Alter
Proc Natl Acad Sci U S A. 2010 September 7; 107(36): 15874–15879. Published online 2010 August 23. doi: 10.1073/pnas.1006901107
Correction in: Proc Natl Acad Sci U S A. 2010 November 2; 107(44): 19132.
Retraction in: Proc Natl Acad Sci U S A. 2012 January 3; 109(1): 346.
PMCID: PMC2936598
Abstract Full Text Supplementary Material Correction Retraction

4. Predicting the Herd Immunity Threshold during an Outbreak: A Recursive Approach
Nathan T. Georgette
PLoS ONE. 2009; 4(1): e4168. Published online 2009 January 9. doi: 10.1371/journal.pone.0004168
Correction in: PLoS ONE. 2009; 4(2): 10.1371/annotation/01641ef8-cbe2-4ca7-900a-e1d12bd8557a.
Retraction in: PLoS One. 2012; 7(10): 10.1371/annotation/d78ba1b7-79d3-44f0-b632-224fb9149a23.
PMCID: PMC2613521
Abstract Full Text Correction Retraction

5. A genomic approach to colon cancer risk stratification yields biologic insights into therapeutic opportunities
Katherine S. Garman, Chaitanya R. Acharya, Elena Edelman, Marian Grade, Jochen Gaedcke, Shivani Sud, William Barry, Anna Mae Diehl, Dawn Provenzale, Geoffrey S. Ginsburg, B. Michael Ghadimi, Thomas Ried, Joseph R. Nevins, Sayan Mukherjee, David Hsu, Anil Potti
Proc Natl Acad Sci U S A. 2008 December 9; 105(49): 19432–19437. Published online 2008 December 2. doi: 10.1073/pnas.0806674105
Correction in: Proc Natl Acad Sci U S A. 2009 April 21; 106(16): 6878.
Retraction in: Proc Natl Acad Sci U S A. 2011 October 18; 108(42): 17569.
PMCID: PMC2592987
Abstract Full Text Supplementary Material Correction Retraction

6. SMK-1/PPH-4.1–mediated silencing of the CHK-1 response to DNA damage in early *C. elegans* embryos
Seung-Hwan Kim, Antonia H. Holway, Suzanne Wolff, Andrew Dillin, W. Matthew Michael
J Cell Biol. 2007 October 8; 179(1): 41–52. doi: 10.1083/jcb.200705182
Retraction in: J Cell Biol. 2010 June 28; 189(7): 1187.
Correction in: J Cell Biol. 2009 February 23; 184(4): 613.
PMCID: PMC2064732
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Journal of Virology

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J Virol. 2009 March; 83(6): 2743–2755.
Published online 2008 December 30. doi: 10.1128/JVI.02265-08

**HLA-B57/B*5801 Human Immunodeficiency Virus**
**Select for Rare Gag Variants Associated with Redu**
**Capacity and Strong Cytotoxic T-Lymphotye Reco**

Toshiyuki Miura,[1,2,3,*] Mark A. Brockman,[1,3] Arne Schneidewind,[1,3] Michael Rathod,[1] Brian L. Block,[1] Zabrina L. Brumme,[1,3] Chanson J. Brumme,[1] Bret Alicja Trocha,[1,2] Emily Cutrell,[1] Nicole Frahm,[1,3] Christian Brander,[1,3] Ildiko Bruce D. Walker[1,2,3,*]

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**This article has been corrected.** See J Virol. 2009 June; 83(11): 5961.

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ABSTRACT

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Journal of Virology

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J Virol. 2009 June; 83(11): 5961. PMCID: PMC2681925
doi: 10.1128/JVI.00579-09

논문명

**HLA-B57/B*5801 Human Immunodeficiency Virus Type 1 Elite Controllers Select for Rare Gag Variants Associated with Reduced Viral Replication Capacity and Strong Cytotoxic T-Lymphocyte Recognition**

저자명

Toshiyuki Miura, Mark A. Brockman, Arne Schneidewind, Michael Lobritz, Florencia Pereyra, Almas Rathod, Brian L. Block, Zabrina L. Brumme, Chanson J. Brumme, Brett Baker, Alissa C. Rothchild, Bin Li, Alicja Trocha, Emily Cutrell, Nicole Frahm, Christian Brander, Ildiko Toth, Eric J. Arts, Todd M. Allen, and Bruce D. Walker

소속기관

Ragon Institute (formerly Partners AIDS Research Center), Massachusetts General Hospital, Charlestown, Massachusetts 02129; Howard Hughes Medical Institute, Chevy Chase, Maryland; Harvard Medical School, Boston, Massachusetts; and Case Western Reserve University, Cleveland, Ohio

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This corrects the article "HLA-B57/B*5801 Human Immunodeficiency Virus Type 1 Elite Controllers Select for Rare Gag Variants Associated with Reduced Viral Replication Capacity and Strong Cytotoxic T-Lymphotye Recognition" on page 2743.

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HLA-B57/B*5801 Human Immunodeficiency Virus Type 1 Elite Controllers Select for Rare Gag Variants Associated with Reduced Viral Replication Capacity and Strong Cytotoxic T-Lymphocyte Recognition

Toshiyuki Miura, Mark A. Brockman, Arne Schneidewind, Michael Lobritz, Florencia Pereyra, Almas Rathod, Brian L. Block, Zabrina L. Brumme, Chanson J. Brumme, Brett Baker, Alissa C. Rothchild, Bin Li, Alicja Trocha, Emily Cutrell, Nicole Frahm, Christian Brander, Ildiko Toth, Eric J. Arts, Todd M. Allen, and Bruce D. Walker

*Ragon Institute (formerly Partners AIDS Research Center), Massachusetts General Hospital, Charlestown, Massachusetts 02129; Howard Hughes Medical Institute, Chevy Chase, Maryland; Harvard Medical School, Boston, Massachusetts; and Case Western Reserve University, Cleveland, Ohio*

Volume 83, no. 6, p. 2743–2755, 2009. Page 2743: The title should appear as shown above.

PubMed: MEDLINE 학술지



J Virol. 2009 Mar;83(6):2743-55. Epub 2008 Dec 30.

# HLA-B57/B*5801 human immunodeficiency virus type 1 elite controllers select for rare gag variants associated with reduced viral replication capacity and strong cytotoxic T-lymphocyte [corrected] recognition.

Miura T, Brockman MA, Schneidewind A, Lobritz M, Pereyra F, Rathod A, Block BL, Brumme ZL, Brumme CJ, Baker B, Rothchild AC, Li B, Trocha A, Cutrell E, Frahm N, Brander C, Toth I, Arts EJ, Allen TM, Walker BD.

Ragon Institute, Massachusetts General Hospital, 149 13th St., Room 5212, Charlestown, MA 02129, USA. miura523@hotmail.com

**Erratum in**
J Virol. 2009 Jun;83(11):5961.

## Abstract

Human immunodeficiency virus type 1 (HIV-1) elite controllers (EC) maintain viremia below the limit of commercial assay detection (<50 RNA copies/ml) in the absence of antiviral therapy, but the mechanisms of control remain unclear. HLA-B57 and the closely related allele B*5801 are particularly associated with enhanced control and recognize the same Gag(240-249) TW10 epitope. The typical escape mutation (T242N) within this epitope diminishes viral replication capacity in chronically infected persons; however, little is known about TW10 epitope sequences in residual replicating viruses in B57/B*5801 EC and the extent to which mutations within this epitope may influence steady-state viremia. Here we analyzed TW10 in a total of 50 B57/B*5801-positive subjects (23 EC and 27 viremic subjects). Autologous plasma viral sequences from both EC and viremic subjects frequently harbored the typical cytotoxic T-lymphocyte (CTL)-selected mutation T242N (15/23 sequences [65.2%] versus 23/27 sequences [85.1%], respectively; P = 0.18). However, other unique mutants were identified in HIV controllers, both within and flanking TW10, that were associated with an even greater reduction in viral replication capacity in vitro. In addition, strong CTL responses to many of these unique TW10 variants were detected by gamma interferon-specific enzyme-linked immunospot assay. These data suggest a dual mechanism for durable control of HIV replication, consisting of viral fitness loss resulting from CTL escape mutations together with strong CD8 T-cell immune responses to the arising variant epitopes.

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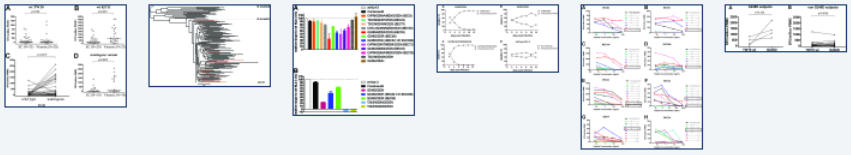

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Nutr Res Pract. 2012 Oct;6(5):474. Epub 2012 Oct 31.

## Erratum: Funding Acknowledgment.

Jung JH, Kang JI, Kim HS.

### Abstract

[This corrects the article on p. 301 in vol. 6, PMID: 22977683.].

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Nutr Res Pract. 2012 Aug;6(4):301-7. Epub 2012 Aug 31.

## Effect of quercetin on impaired immune function in mice exposed to irradiation.

Jung JH, Kang JI, Kim HS.

Division of Biological Science, College of Science, Sookmyung Women's University, Seoul 140-742, Korea.

### Abstract

Radiation used in cancer treatment may cause side effects such as inflammation. Quercetin is a polyphenol that reduces inflammation. This study evaluated the recovery efficacy of quercetin on impaired immune function in irradiation-induced inflammatory mice. Quercetin administered at two concentrations of 10 and 40 mg/kg body weight was initiated 2 weeks before irradiation and was continued 30 days after irradiation. The animals exposed/not exposed to radiation were sacrificed on radiation days 10 and 30. Splenocyte proliferation, which was diminished after irradiation, was enhanced significantly by quercetin supplementation after 30 days of irradiation. Cytokine secretion increased in the radiation group compared to that in the non-radiation control group. After 30 days of radiation, interleukin (IL)-1β and IL-6 secretion decreased significantly in the radiation-quercetin groups. When quercetin was administered for 44 days, it showed a possible protective effect against irradiation-induced inflammation in mice. Quercetin could be beneficial in the recovery of irradiation-induced increases in cytokine secretion.

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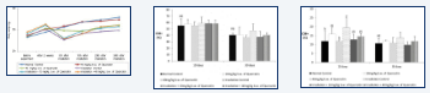

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## Erratum: Rhinitis in children less than 6 years of age: current knowledge and challenges.

Hardjojo A, Shek LP, van Bever HP, Lee BW.

Department of Paediatrics, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 119228, Singapore.

**Abstract**

[This corrects the article on p. 115 in vol. 1, PMID: 22053307.].

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## Rhinitis in children less than 6 years of age: current knowledge and challenges.

Hardjojo A, Shek LP, van Bever HP, Lee BW.

Department of Paediatrics, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 119228, Singapore.

**Erratum in**

Asia Pac Allergy. 2012 Jan;2(1):90. Hadjojo, Antony [corrected to Hardjojo, Antony].

**Abstract**

Rhinitis is a disease of the upper airway characterized by runny and/or blocked nose and/or sneezing. Though not viewed as a life
den to the quality of life of sufferers and their caretakers and
arch of the literature from 2006 to September 2011, this paper
elow the age of 6 years. It is apparent from epidemiology studies
ndition has a heterogenous etiology with classification into
a role in the pathogenesis of long standing rhinitis, but definitive
cking for this age group, and is a significant unmet need.
with effusion, adenoidal hypertrophy and asthma, are important
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Evaluation of efficacy of management protocc [J Ayub Med Coll Abbottabad. 2007]

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1. Erratum: **Rhinitis** in **children less** than **6 years** of **age**: **current knowledge** and **challenges**.

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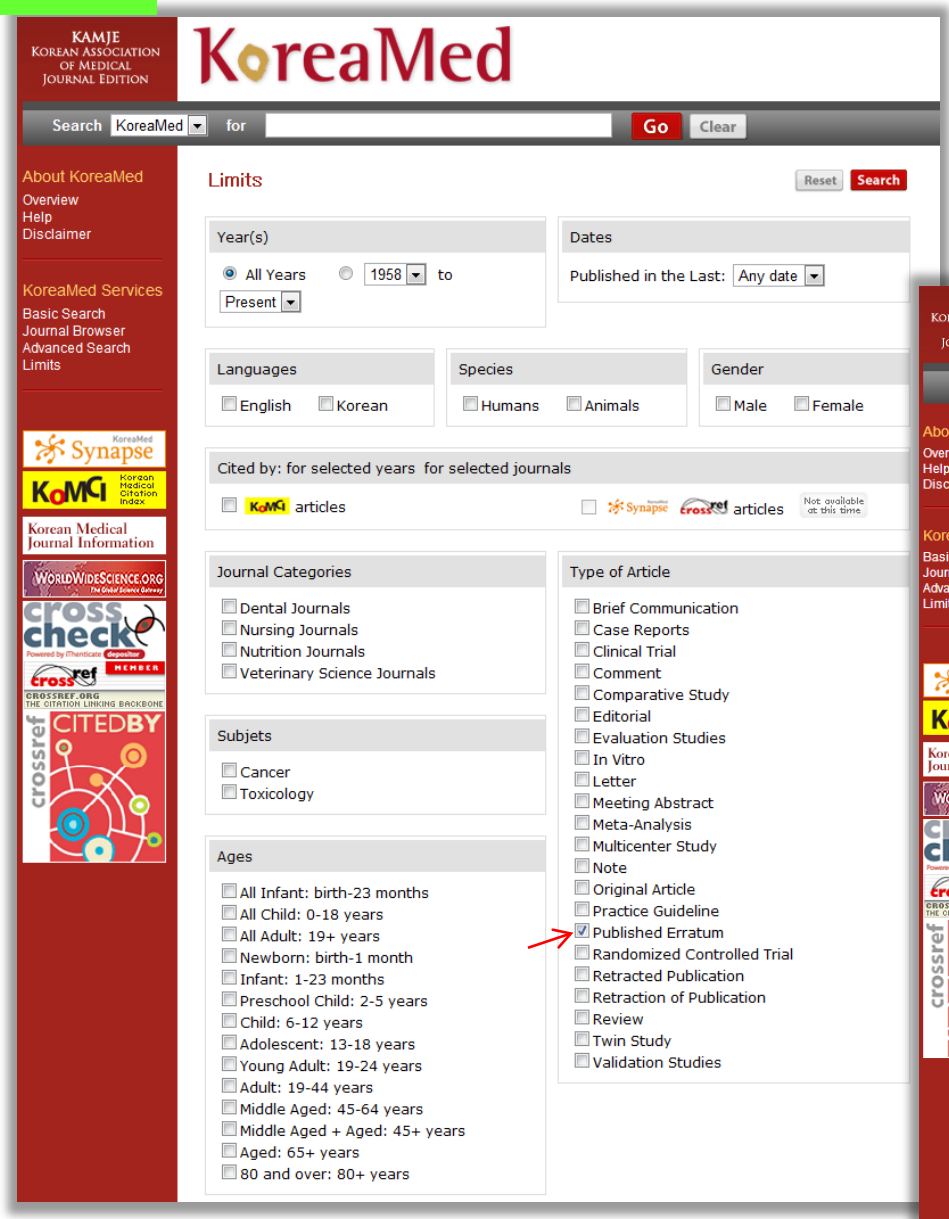
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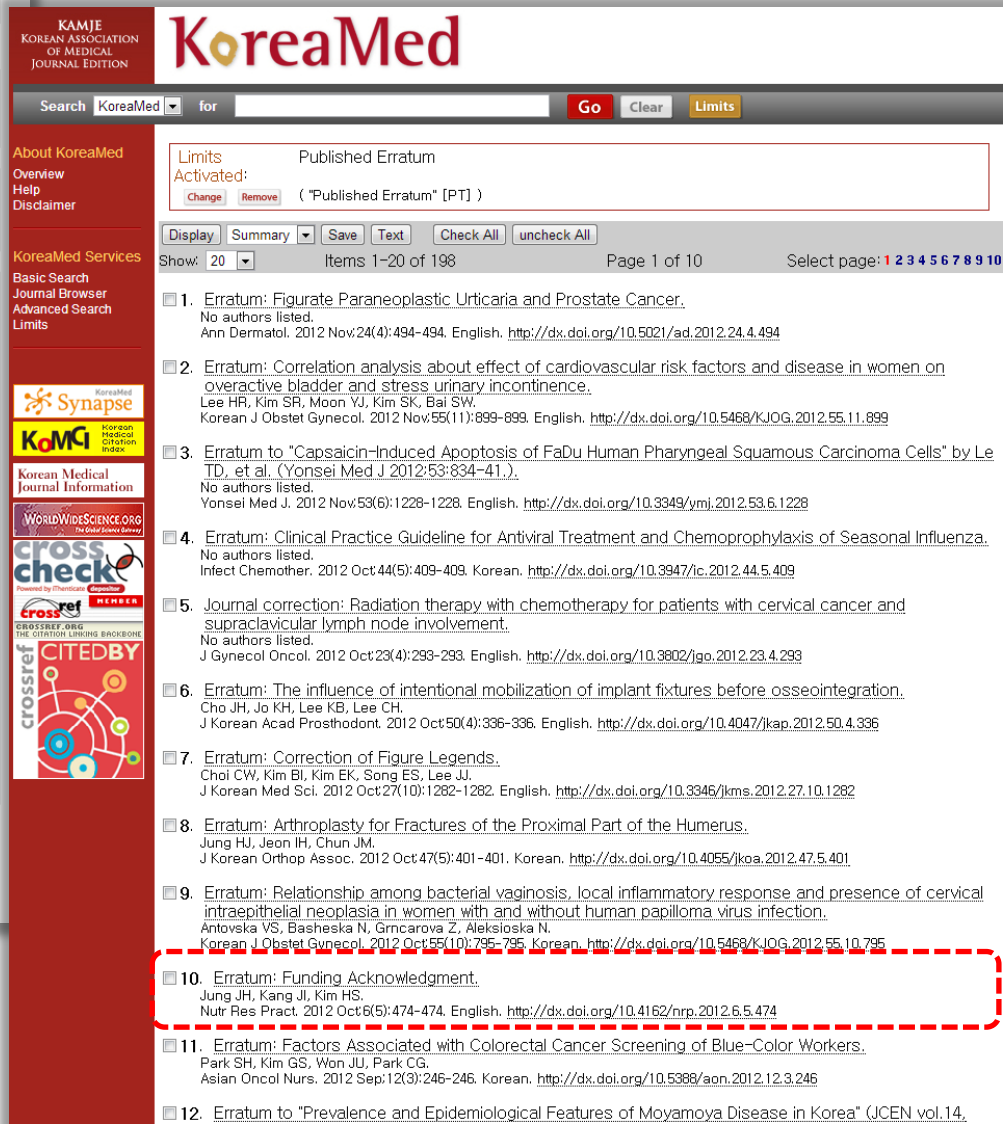
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No authors listed.
Ann Dermatol. 2012 Nov;24(4):494-494. English. http://dx.doi.org/10.5021/ad.2012.24.4.494
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5. Journal correction: Radiation therapy with chemotherapy for patients with cervical cancer and supraclavicular lymph node involvement.
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6. Erratum: The influence of intentional mobilization of implant fixtures before osseointegration.
Cho JH, Jo KH, Lee KB, Lee CH.
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7. Erratum: Correction of Figure Legends.
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8. Erratum: Arthroplasty for Fractures of the Proximal Part of the Humerus.
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Antovska VS, Basheska N, Grncarova Z, Aleksioska N.
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10. Erratum: Funding Acknowledgment.
Jung JH, Kang JI, Kim HS.
Nutr Res Pract. 2012 Oct;6(5):474-474. English. http://dx.doi.org/10.4162/nrp.2012.6.5.474
11. Erratum: Factors Associated with Colorectal Cancer Screening of Blue-Color Workers.
Park SH, Kim GS, Won JU, Park CG.
Asian Oncol Nurs. 2012 Sep;12(3):246-246. Korean. http://dx.doi.org/10.5388/aon.2012.12.3.246
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## Effect of quercetin on impaired immune function in mice exposed to irradiation.

Jung JH, Kang JI, Kim HS.

Division of Biological Science, College of Science, Sookmyung Women's University, Seoul 140-742, Korea.
Major in Food and Nutrition, College of Human Ecology, Sookmyung Women's University, Chungpa-dong 2ga, Yongsan-gu, Seoul 140-742, Korea. hskim@sookmyung.ac.kr

Abstract
Radiation used in cancer treatment may cause side effects such as inflammation. Quercetin is a polyphenol that reduces inflammation. This study evaluated the recovery efficacy of quercetin on impaired immune function in irradiation-induced inflammatory mice. Quercetin administered at two concentrations of 10 and 40 mg/kg body weight was initiated 2 weeks before irradiation and was continued 30 days after irradiation. The animals exposed/not exposed to radiation were sacrificed on radiation days 10 and 30. Splenocyte proliferation, which was diminished after irradiation, was enhanced significantly by quercetin supplementation after 30 days of irradiation. Cytokine secretion increased in the radiation group compared to that in the non-radiation control group. After 30 days of radiation, interleukin (IL)-1beta and IL-6 secretion decreased significantly in the radiation-quercetin groups. When quercetin was administered for 44 days, it showed a possible protective effect against irradiation-induced inflammation in mice. Quercetin could be beneficial in the recovery of irradiation-induced increases in cytokine secretion.

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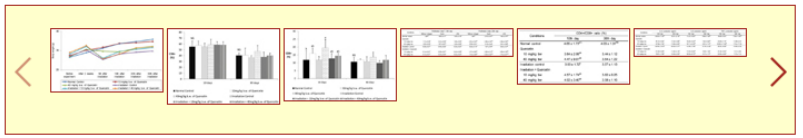

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Published online 2012 October 31. http://dx.doi.org/10.4162/nrp.2012.6.5.474



# Erratum: Funding Acknowledgment

Ji-Hye Jung Ji-In Kang and Hyun-Sook Kim



This corrects the article "Effect of quercetin on impaired immune function in mice exposed to irradiation" in volume 6 on page 301

To the Editor:

We found an error in our published article:

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The funding acknowledgment in this article was omitted as published.

Additional acknowledgment is as follow:

This work was supported by the Sookmyung Women's University Research Grants 2010 and also supported by BK21.

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# Effect of quercetin on impaired immune function in mice exposed to irradiation

Ji-Hye Jung, Ji-In Kang,[1] and Hyun-Sook Kim[2]

[1]Division of Biological Science, College of Science, Sookmyung Women's University, Seoul 140-742, Korea.

[2]Major in Food and Nutrition, College of Human Ecology, Sookmyung Women's University, Chungpa-dong 2ga, Yongsan-gu, Seoul 140-742, Korea.

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**This article has been corrected.** See Nutr Res Pract. 2012 October; 6(5); 474.

## Abstract

Radiation used in cancer treatment may cause side effects such as inflammation. Quercetin is a polyphenol that reduces inflammation. This study evaluated the recovery efficacy of quercetin on impaired immune function in irradiation-induced inflammatory mice. Quercetin administered at two concentrations of 10 and 40 mg/kg body weight was initiated 2 weeks before irradiation and was continued 30 days after irradiation. The animals exposed/not exposed to radiation were sacrificed on radiation days 10 and 30. Splenocyte proliferation, which was diminished after irradiation, was enhanced significantly by quercetin supplementation after 30 days of irradiation. Cytokine secretion increased in the radiation group compared to that in the non-radiation control group. After 30 days of radiation, interleukin (IL)-1β and IL-6 secretion decreased significantly in the radiation-quercetin groups. When quercetin was administered for 44 days, it showed a possible protective effect against irradiation-induced inflammation in mice. Quercetin could be beneficial in the recovery of irradiation-induced increases in cytokine secretion.

**Keywords:** Quercetin, irradiation, cytokines, anti-inflammatory, mice.

## Introduction

Many medicines are being developed to treat chronic diseases, including cancer, but their effects are limited. Therefore, it is important to develop healthy foods that have low toxicity but high

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This corrects the article "Effect of quercetin on impaired immune function in mice exposed to irradiation" in volume 6 on page 301

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# Effect of quercetin on impaired immune function in mice exposed to irradiation

Ji-Hye Jung, Ji-In Kang,[1] and Hyun-Sook Kim[2]

[1]Division of Biological Science, College of Science, Sookmyung Women's University, Seoul 140-742, Korea.

[2]Major in Food and Nutrition, College of Human Ecology, Sookmyung Women's University, Chungpa-dong 2ga, Yongsan-gu, Seoul 140-742, Korea.

Corresponding Author: Hyun-Sook Kim, Tel. 82-10-3182-0100, Fax. 82-2-707-0195, Email: hskim@sookmyung.ac.kr

Received January 18, 2012; Revised July 04, 2012; Accepted July 12, 2012.



**This article has been corrected.** See Nutr Res Pract. 2012 October; 6(5); 474.

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**Keywords:** Quercetin, irradiation, cytokines, anti-inflammatory, mice.

## Introduction

Many medicines are being developed to treat chronic diseases, including cancer, but their effects are limited. Therefore, it is important to develop healthy foods that have low toxicity but high treatment effects using natural resources [1]. Various studies have reported that the occurrence of chronic

J Korean Med Sci. 2011 Aug;26(8):1111-1114. English.
Published online 2011 July 28. http://dx.doi.org/10.3346/jkms.201



# Novel Compound Heterozygous Mutations i Gene in a Korean Girl with Hereditary Vitar

Jun Kyu Song,[1] Kyung Sik Yoon,[1] Kye Shik Shim,[2] and Chong-W

[1]Department of Biochemistry and Molecular Biology, Kyung Hee U Korea.

[2]Department of Pediatrics, Kyung Hee University School of Medicir

Address for Correspondence: Kye Shik Shim, MD. Department of Pediatrics, Kyung Hee University Hospital at Gangdong, 892 Dongnam-ro, Gangdong-gu, Seoul 134-727, Korea. Tel: +82.2-440-6131, Fax: +82.2-440-6295, Email: 64sks@khnmc.or.kr

Received April 15, 2011; Accepted June 21, 2011.



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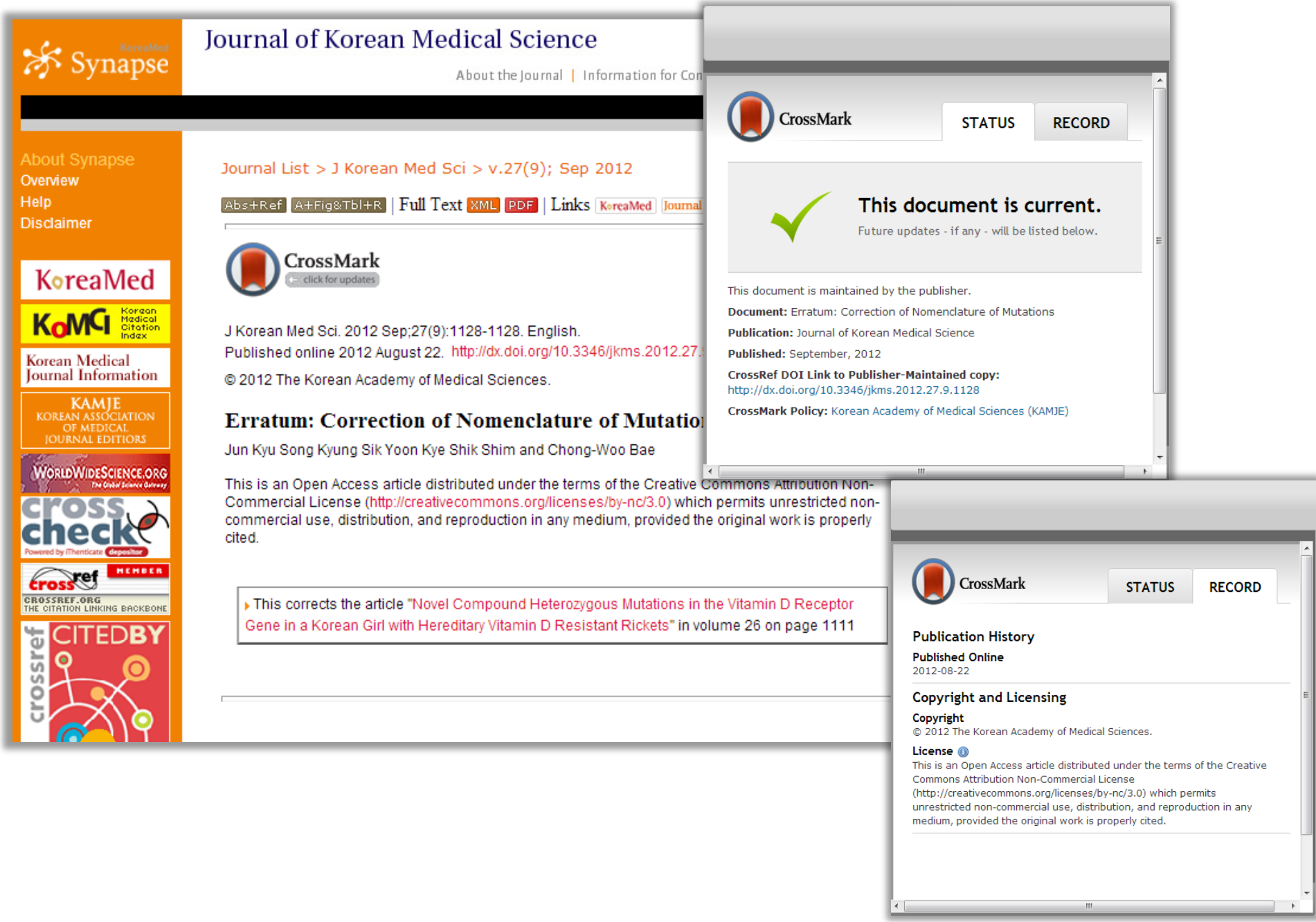
## Abstract

Hereditary vitamin D resistant rickets (HVDRR) is a rare genetic disorder caused by a mutation of vitamin D receptor (*VDR*) gene. A number of cases had been reported in many countries but not in Korea. We examined a three-year old Korean girl who had the typical clinical features of HVDRR including rickets, hypocalcemia, hypophosphatemia, elevated serum calcitriol level and secondary hyperparathyroidism. The girl and her father were both heterozygous for the 719 C-to-T (I146T) mutation in exon 4, whereas she and her mother were both heterozygous for 754 C-to-T (R154C) mutation in exon 5 of the *VDR* gene. In this familial study, we concluded that the girl had compound heterozygous mutations in her *VDR* gene which caused HVDRR. This is the first report of a unique mutation in the *VDR* gene in Korea.

**Keywords:** Rickets, Vitamin D, Receptor, Mutation.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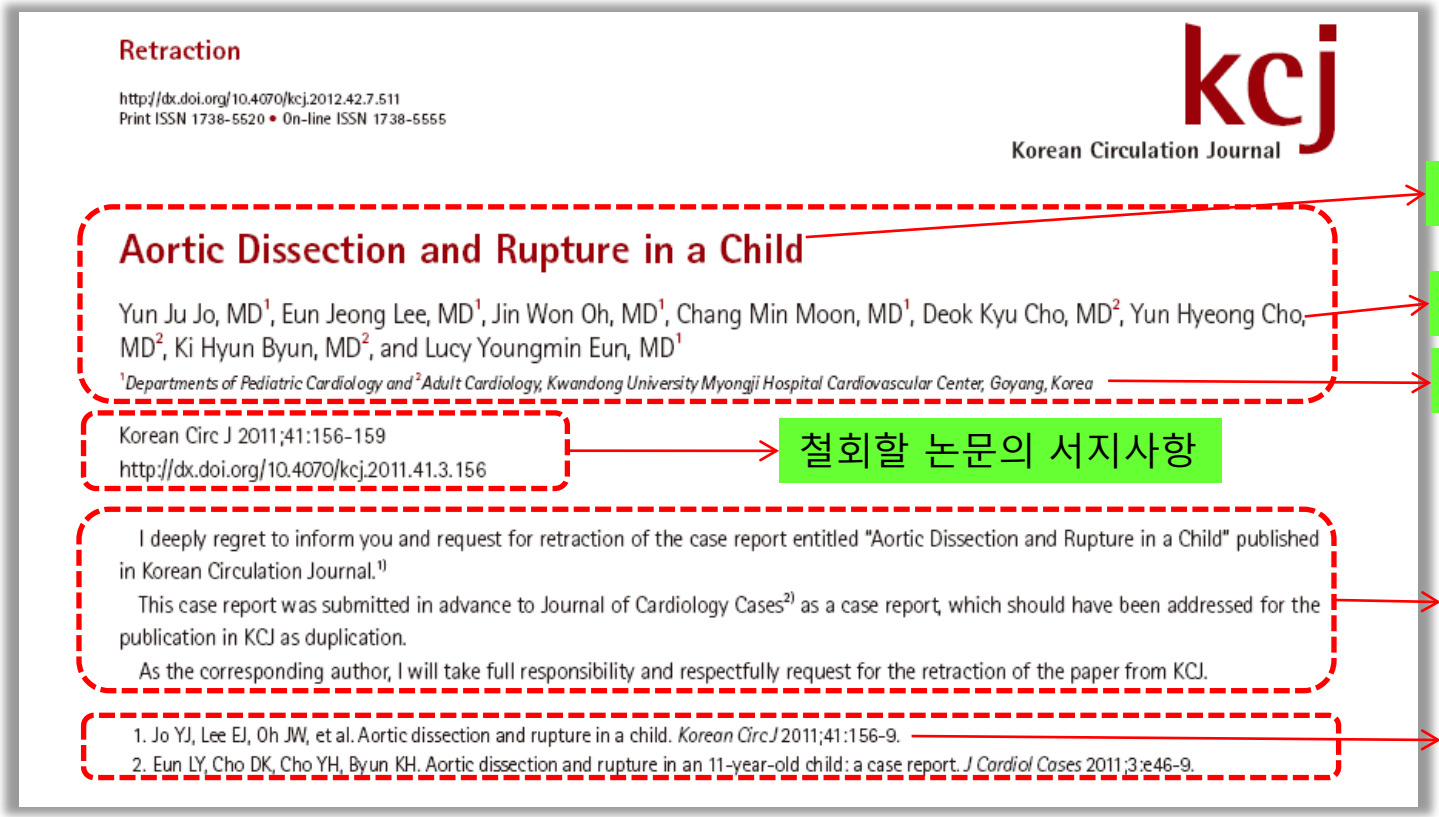

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## Aortic Dissection and Rupture in a Child

Yun Ju Jo, MD[1], Eun Jeong Lee, MD[1], Jin Won Oh, MD[1], Chang Min Moon, MD[1], Deok Kyu Cho, MD[2], Yun Hyeong Cho, MD[2], Ki Hyun Byun, MD[2], and Lucy Youngmin Eun, MD[1]

[1]*Departments of Pediatric Cardiology and* [2]*Adult Cardiology, Kwandong University Myongji Hospital Cardiovascular Center, Goyang, Korea*

Korean Circ J 2011;41:156-159
http://dx.doi.org/10.4070/kcj.2011.41.3.156

I deeply regret to inform you and request for retraction of the case report entitled "Aortic Dissection and Rupture in a Child" published in Korean Circulation Journal.[1)]

This case report was submitted in advance to Journal of Cardiology Cases[2)] as a case report, which should have been addressed for the publication in KCJ as duplication.

As the corresponding author, I will take full responsibility and respectfully request for the retraction of the paper from KCJ.

1. Jo YJ, Lee EJ, Oh JW, et al. Aortic dissection and rupture in a child. *Korean Circ J* 2011;41:156-9.
2. Eun LY, Cho DK, Cho YH, Byun KH. Aortic dissection and rupture in an 11-year-old child: a case report. *J Cardiol Cases* 2011;3:e46-9.

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Multi-scale Inference of Interaction Rules in Animal Groups Using Bayesian Model Selection

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1. Richard P. Mann, Andrea Perna, Daniel Strömbom, Roman Garnett, James E. Herbert-Read, David J. T. Sumpter, Ashley J. W. Ward
PLoS Comput Biol. 2012 January; 8(1): e1002308. Published online 2012 January 5. doi: 10.1371/journal.pcbi.1002308
Correction in: PLoS Comput Biol. 2012 March; 8(3): 10.1371/annotation/f490031b-2e94-42c8-8c10-4e316a7435be.
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Sphingosine-1-phosphate receptor-2 deficiency leads to inhibition of macrophage proinflammatory activities and atherosclerosis in apoE-deficient mice

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J Clin Invest. 2010 November 1; 120(11): 3979–3995. Published online 2010 October 18. doi:
Correction in: J Clin Invest. 2010 January 2; 120(1): 10.
Retraction in: J Clin Invest. 2012 March 1; 122(3): 1131.
PMCID: PMC2964972
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Retraction 논문: Retraction in

Detection of MLV-related virus gene sequences in blood of patients with chronic fatigue syndrome and healthy blood donors

3. Shyh-Ching Lo, Natalia Pripuzova, Bingjie Li, Anthony L. Komaroff, Guo-Chiuan Hung, Richard Wang, Harvey J. Alter
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A genomic approach to colon cancer risk stratification yields biologic insights into therapeutic opportunities

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Characterization of capsaicin synthase and identification of its gene (*csy1*) for pungency factor capsaicin in pepper (*Capsicum* sp.)

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J Nanobiotechnology. 2012; 10: 31.
Published online 2012 July 20. doi: 10.1186/1477-3155-10-31

This article has been retracted

## Prospects and applications of nanobiotechnology: a m

Md Fakruddin,[1] Zakir Hossain,[1] and Hafsa Afroz[2]

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논문명

## Retraction: Prospects and applications of nanobiotechnology: a medical perspective

저자명

Md Fakruddin,[1] Zakir Hossain,[1] and Hafsa Afroz[2]

소속기관

[1]Institute of Food Science and Technology (IFST), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh
[2]Department of Microbiology, Primeasia University, Dhaka, Bangladesh
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This retracts the article "Prospects and applications of nanobiotechnology: a medical perspective" on page 31.

This article [1] is retracted as it contains large amount of text that has been dupli[illegible] articles previously published. We apologize to all affected parties for the inconver[illegible]

참고문헌

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[illegible]. Prospects and applications of nanobiotechnology: a medical [illegible]012;10(1):31. doi: 10.1186/1477-3155-10-31. [Cross Ref]

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# Retraction: Prospects and applications of nanobiotechnology: a medical perspective

Md Fakruddin[1*], Zakir Hossain[1] and Hafsa Afroz[2]

ABSTRACT: This article [1] is retracted as it contains large amount of text that has been duplicated from other articles previously published. We apologize to all affected parties for the inconvenience caused.

**Author details**
[1]Institute of Food Science and Technology (IFST), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh. [2]Department of Microbiology, Primeasia University, Dhaka, Bangladesh.

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**Reference**
1. Fakruddin M, Hossain Z, Afroz H: Prospects and applications of nanobiotechnology: a medical perspective. *J Nanobiotechnol* 2012, 10 (1):31.

doi:1477-3155-10-40
**Cite this article as:** Fakruddin *et al.*: Retraction: Prospects and applications of nanobiotechnology: a medical perspective. *Journal of Nanobiotechnology* 2012 10:40.

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# Human papillomavirus type 16 E5 protein as a therapeutic target.

Kim SW, Yang JS.

Department of Genetic Engineering, Faculty of Life Science and Technology, Sungkyunkwan University, Kyunggi-do, Suwon 440-746, Korea.

**Retraction in**
Yang JS. Yonsei Med J. 2011 May;52(3):551.

## Abstract

Cervical cancer is a progressive disease with an onset of one to two decades on average. During the productive replication stage, the Human papillomavirus (HPV) genome is maintained episomally in the infected cervical epithelium and early gene products, including E5, are expressed. Therefore, E5 has a potential to contribute to the HPV-associated carcinogenic process. In invasive malignancies, the HPV genomes are commonly integrated into the host genome, and E6 and E7 genes remain intact. However, the E5 is lost or, if present, under-expressed as compared with the E6 and E7 proteins. This suggests that E5 may play a critical role in the genesis of cervical cancer but less of a role in its persistence or progression. In the initiation of neoplasia and the premalignant stage, there are fewer malignant cells than in the invasive malignancies. Moreover, cells in the invasive malignant stage are found to have a very low level of MHC class I and II, which could hamper the presentation of the antigen and lead to a decreased immune response. Since the E5 protein is likely to play a role during the early tumorigenesis stage, a therapeutic vaccine to target and eliminate the E5-expressing cells may be a good strategy to prevent premalignant lesions from progressing toward invasive cervical cancers. This paper provides an overview of HPV-induced cervical carcinogenesis and strategies for designing prophylactic and therapeutic vaccines to prevent and cure the cervical cancer. In particular, focus will be on the rationale of targeting the E5 protein to develop therapeutic vaccines.

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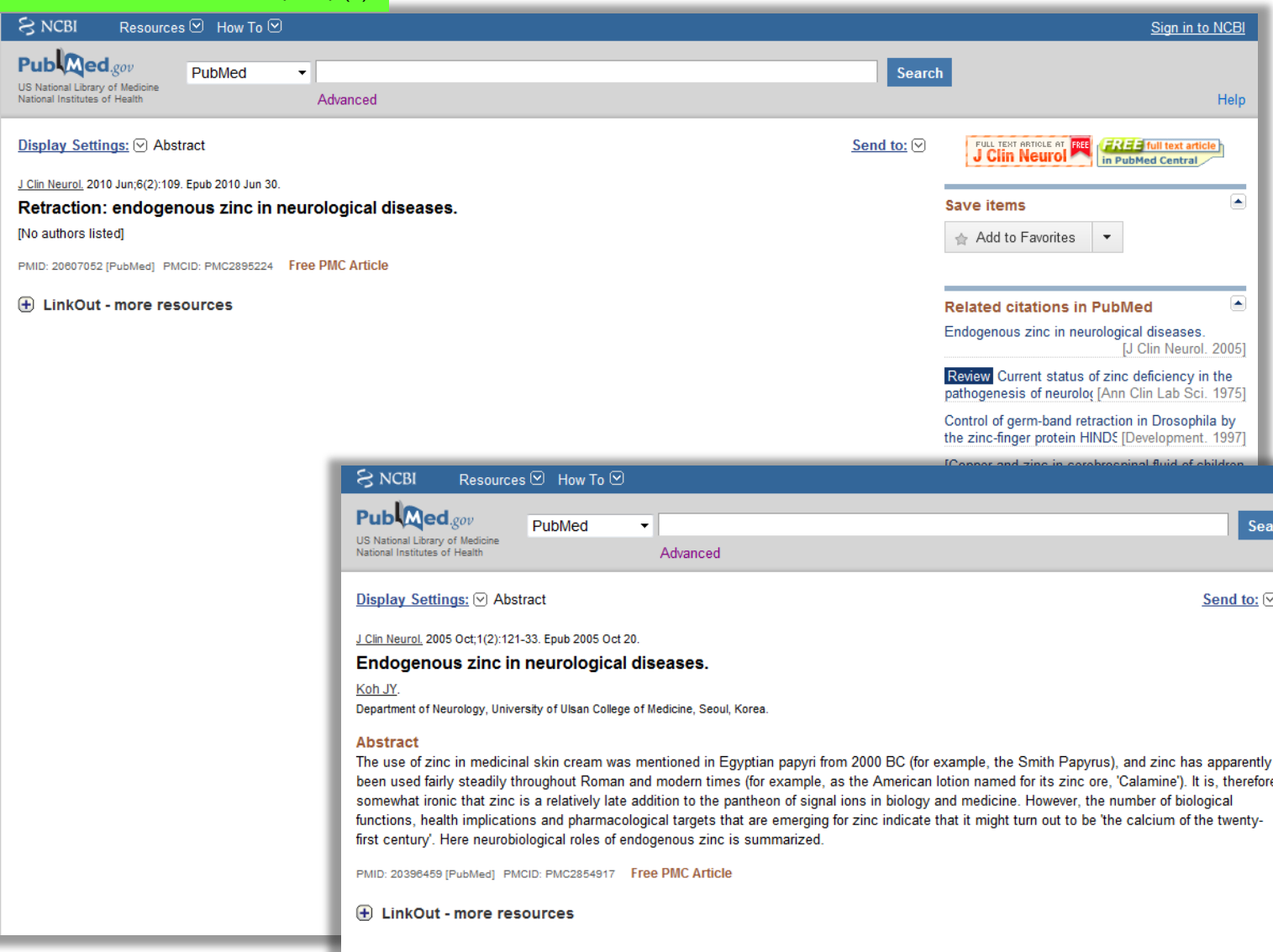


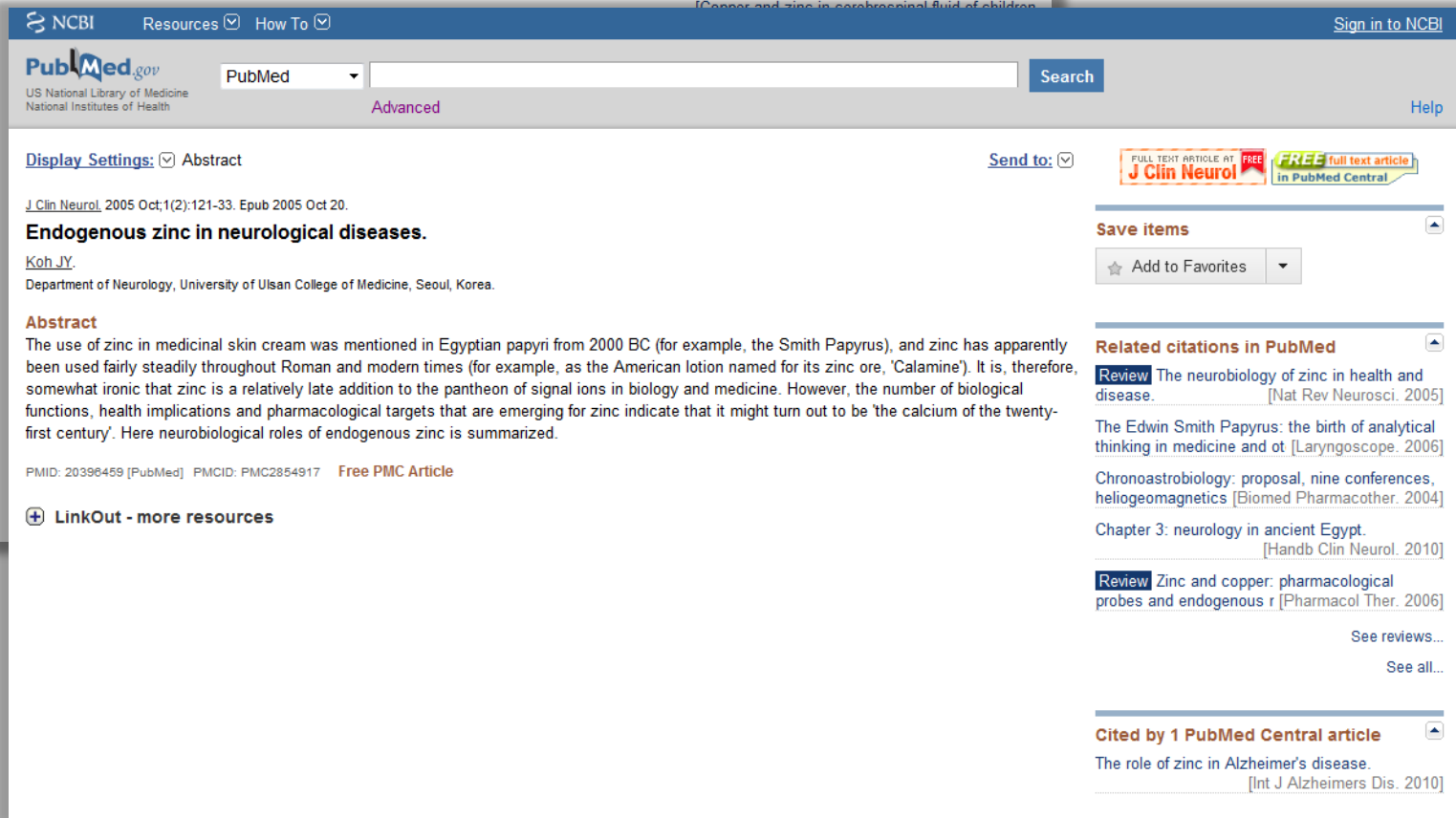

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[No authors listed]

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**Comparison of midazolam alone versus midazolam plus propofol during endoscopic submucosal dissection.**

Cho YS, Seo E, Han JH, Yoon SM, Chae HB, Park SM, Youn SJ.

Department of Internal Medicine, Chungbuk National University College of Medicine, Cheongju, Korea.

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Clin Endosc. 2012 Mar;45(1):108.

**Abstract**

**BACKGROUND/AIMS:** For proper sedation during endoscopic submucosal dissection (ESD), propofol has been widely used. This study aimed to compare the levels of sedation and tolerance of patients treated with midazolam (M group) and a combination of midazolam and propofol (MP group) during ESD.

**METHODS:** A total of 44 consecutive patients undergoing ESD were randomly assigned to the two groups. In the M group, 2 mg of midazolam was given repeatedly to maintain after a loading dose of 5 mg. The MP group initially received 5 mg of midazolam and 20 mg of propofol. Then, we increased the dosage of propofol by 20 mg gradually.

**RESULTS:** The average amount of midazolam was 12 mg in the M group. In the M group, 10 patients were given propofol additionally, since they failed to achieve proper sedation. The average amount of propofol was 181 mg in the MP group. Procedure time, vital signs and rates of complications were not significantly different between two groups. Movement of patients and discomfort were lower in the MP group.

**CONCLUSIONS:** During ESD, treatment with propofol and a low dose of midazolam for sedation provides greater satisfaction for endoscopists compared to midazolam alone.

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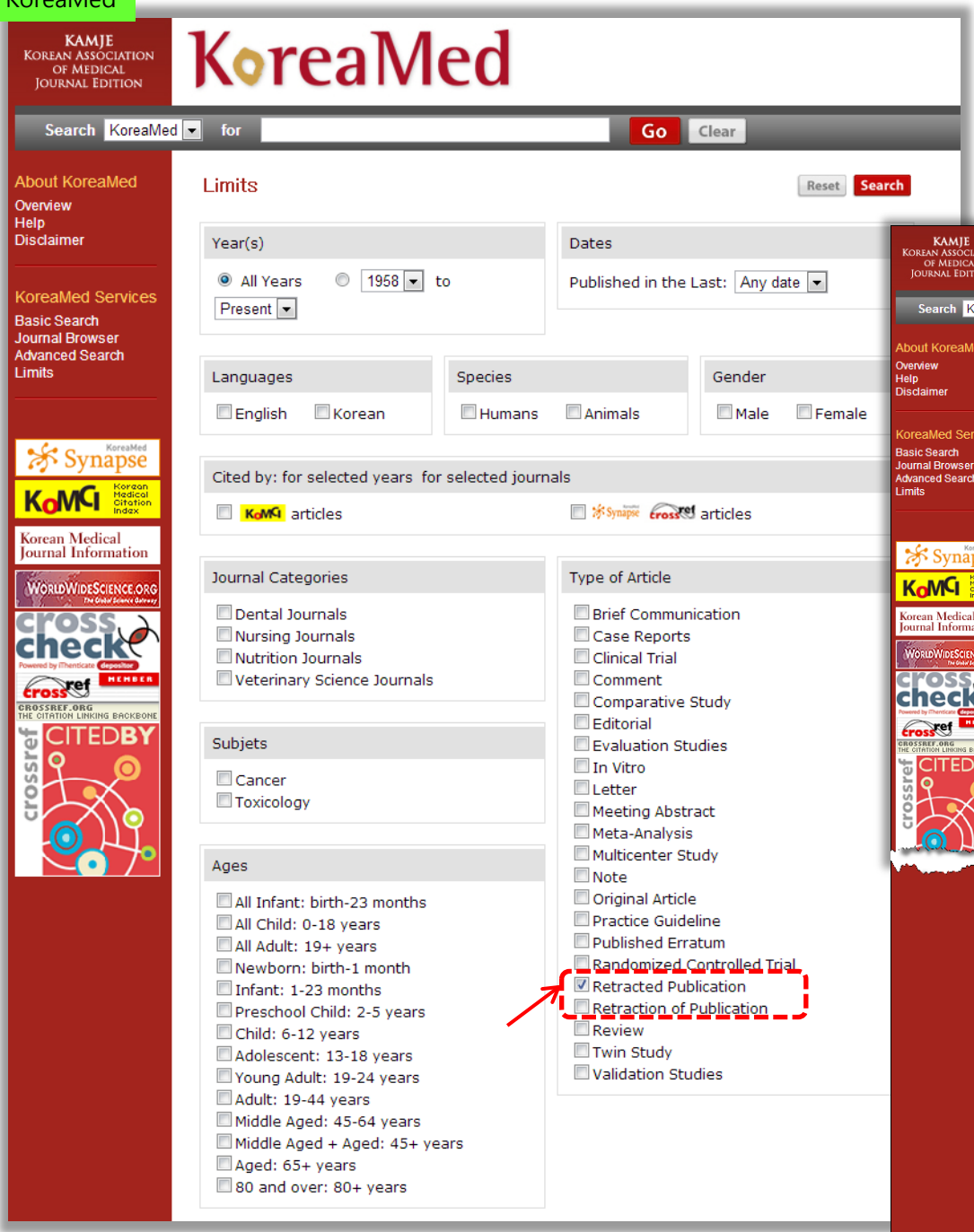
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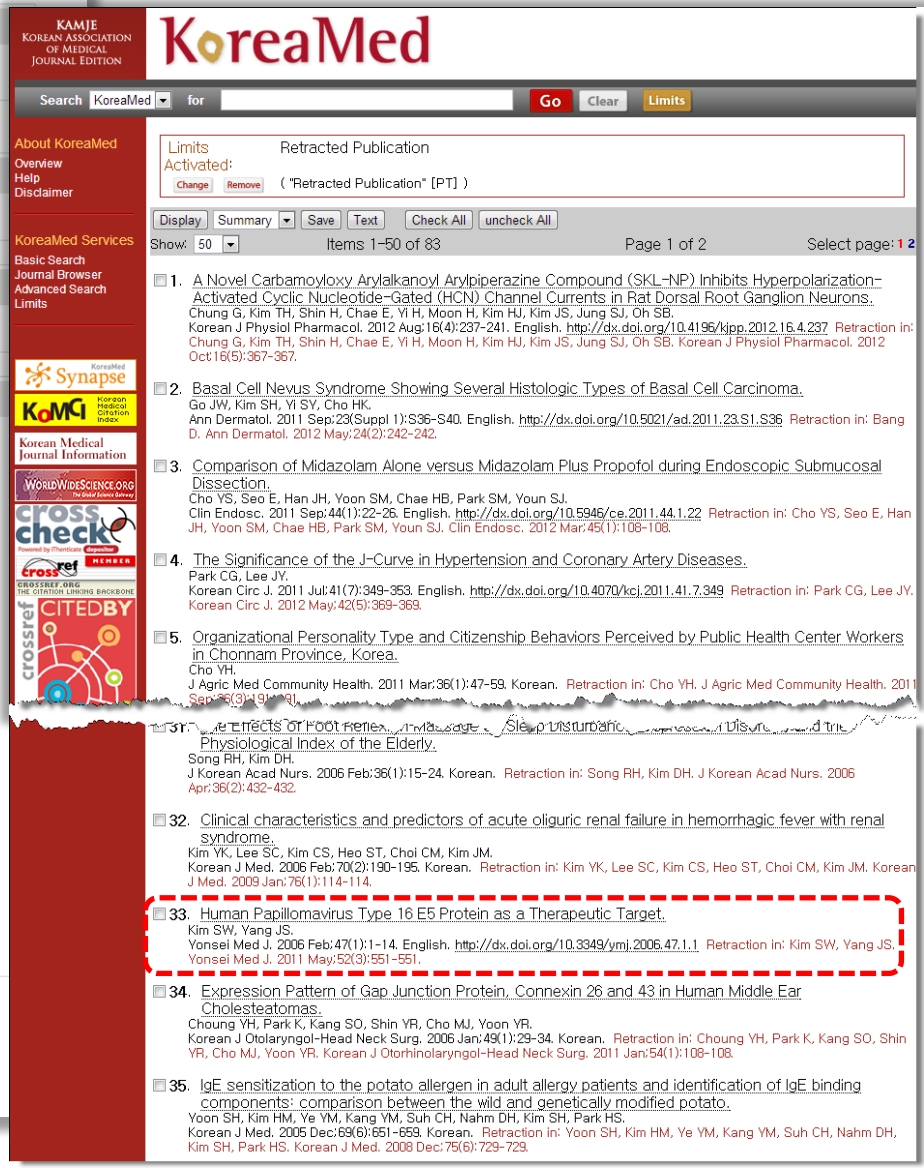
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Kim SW, Yang JS.

Department of Genetic Engineering, Faculty of Life Science and Technology, Sungkyunk
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**Human Papillomavirus Type 16 E5 Protein as a Therapeutic Target.**

Kim SW, Yang JS.

Department of Genetic Engineering, Faculty of Life Science and Technology, Sungkyunkwan University, Suwon, Korea. jsyang@skku.edu

Abstract
Cervical cancer is a progressive disease with an onset of one to two decades on average. During the productive replication stage, the Human papillomavirus (HPV) genome is maintained episomally in the infected cervical epithelium and early gene products, including E5, are expressed. Therefore, E5 has a potential to contribute to the HPV-associated carcinogenic process. In invasive malignancies, the HPV genomes are commonly integrated into the host genome, and E6 and E7 genes remain intact. However, the E5 is lost or, if present, under-expressed as compared with the E6 and E7 proteins. This suggests that E5 may play a critical role in the genesis of cervical cancer but less of a role in its persistence or progression. In the initiation of neoplasia and the premalignant stage, there are fewer malignant cells than in the invasive malignancies. Moreover, cells in the invasive malignant stage are found to have a very low level of MHC class I and II, which could hamper the presentation of the antigen and lead to a decreased immune response. Since the E5 protein is likely to play a role during the early tumorigenesis stage, a therapeutic vaccine to target and eliminate the E5-expressing cells may be a good strategy to prevent premalignant lesions from progressing toward invasive cervical cancers. This paper provides an overview of HPV-induced cervical carcinogenesis and strategies for designing prophylactic and therapeutic vaccines to prevent and cure the cervical cancer. In particular, focus will be on the rationale of targeting the E5 protein to develop therapeutic vaccines.

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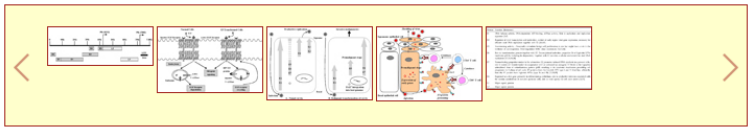

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# Retraction: Human Papillomavirus Type 16 E5 Protein as a Therapeutic Target. Yonsei Med J 2006;47(1):1-14

Sang-Woo Kim and Joo-Sung Yang

Department of Genetic Engineering, Faculty of Life Science and Technology, Sungkyunkwan University, Suwon, Korea.



This retracts the article "Human Papillomavirus Type 16 E5 Protein as a Therapeutic Target" in volume 47 on page 1

To the Editor

I deeply regret to inform you and request for retraction of our review paper published in YMJ.1

We have applied for the U.S. patent with some ideas and research data which are related to the review paper. Upon request from a patent lawyer's office, we checked the references used in our paper for the Information Disclosure Statement (IDS). We realized that our review paper plagiarized several sentences from a previously published review paper titled as "The biochemical and biological functions of human papillomavirus type 16 E5 protein" in Arch Virol (2003;148:1445-53). As a corresponding author, I will take full responsibility and respectfully request for the retraction of our review paper from YMJ.

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1. Kim SW, Yang JS. Human papillomavirus type 16 E5 protein as a therapeutic target. Yonsei Med J 2006;47(1):1-14.

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# Human Papillomavirus Type 16 E5 Protein as a Therapeutic Target

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**This article has been retracted.** See Yonsei Med J. 2011 May; 52(3); 551.
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Kim SW, Yang JS.
Yonsei Med J. 2006 Feb;47(1):1-14. Published online 2006 February 28. http://dx.doi.org/10.3349/ymj.2006.47.1.1

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# A Novel Carbamoyloxy Ar
# NP) Inhibits Hyperpolariza
# (HCN) Channel Currents i

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# Retraction: A Novel Carb
# Compound (SKL-NP) Inhi
# Nucleotide-Gated (HCN)
# Ganglion Neurons

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This retracts the article "A novel carbamoyloxy arylalkanoyl arylpiperazine compound (SKL-NP) inhibits hyperpolarization-activated cyclic nucleotide-gated (HCN) channel currents in rat dorsal root ganglion neurons" in volume 16 on page 237

## To Editor in Chief

We would like to request a retraction of our paper [1] entitled, "A novel carbamoyloxy arylalkanoyl arylpiperazine compound (SKL-NP) inhibits hyperpolarization-activated cyclic nucleotide-gated (HCN) channel currents in rat dorsal root ganglion neurons" by Gehoon Chung, Tae-hyung Kim, Hyewon Shin, Eunhee Chae, Hanju Yi, Hongsik Moon, Hyun Jin Kim, Joong Soo Kim, Seog Bae Oh, from The Korean Journal of Physiology & Pharmacology. Vol 16 (4) 237-241, 2012.

We regret to inform that the published paper included a few parts that disclosed confidential information which should have been protected under patent law. We admit that the request for retraction is due to the indiscretion of the authors, and confirmed that editorial committee of

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## Abstract

Cervical cancer is a progressive disease with an onset of one to two decades on average. During the productive replication stage, the Human papillomavirus (HPV) genome is maintained episomally in the infected cervical epithelium and early gene products, including E5, are expressed. Therefore, E5 has a potential to contribute to the HPV-associated carcinogenic process. In invasive malignancies, the HPV genomes are commonly integrated into the host genome, and E6 and E7 genes remain intact. However, the E5 is lost or, if present, under-expressed as compared with the E6 and E7 proteins. This suggests that E5 may play a critical role in the genesis of cervical cancer but less of a role in its persistence or progression. In the initiation of neoplasia and the premalignant stage, there are fewer malignant cells than in the invasive malignancies. Moreover, cells in the invasive malignant stage are found to have a very low level of MHC class I and II, which could hamper the presentation of the antigen and lead to a decreased immune response. Since the E5 protein is likely to play a role during the early tumorigenesis stage, a therapeutic vaccine to target and eliminate the E5-expressing cells may be a good strategy to prevent premalignant lesions from progressing toward invasive cervical cancers. This paper provides an overview of HPV-induced cervical carcinogenesis and strategies for designing prophylactic and therapeutic vaccines to prevent and cure the cervical cancer. In particular, focus will be on the rationale of targeting the E5 protein to develop therapeutic vaccines.

**Keywords:** Cervical cancer, papillomavirus, E5 protein, therapeutic vaccine

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