



## Kim, Kabsu

김 갑 수

Adjunct Professor, aSSIST

### RESEARCH AREAS

Biomechanical Relation between Human and Horse  
 Communcation with Horse  
 Therapeutic Riding and Riding for the Disabled  
 Joint Immunology

### TEACHING AREAS

Anatomy and Physiology of Horse  
 Biomechanics  
 Communication with Horse

### EDUCATION

(Mar. 1976 ~ Feb. 1983) Dept. of Animal Science in College of Agriculture, Korea University, Seoul  
 (Bachelor of Science Animal Science)

(Oct. 1985 ~ Jun. 1991) College of Veterinary Science, Free University Berlin

(19th. June, 1998) Ph.D.-Degree of Veterinary Science, Specialist for Surgery, Free University Berlin, Germany

#### **Ph. D. - Thesis:**

- Theoretische Grundlage der Akupunktur "Klinische Untersuchung der Akupunktur von Patientenmaterial mit Gelenkproblemen" -

(The theoretic base of acupuncture and the application of this method for animal, suffering from joint problems)

### EXPERIENCE

#### **I. Job Experience**

(Aug. 1989 ~ ) Zoo Berlin Voluntary

(Jan. 1992 ~ Aug. 1995) Veterinary Surgeon in Veterinary Clinics in Berlin, Munich, Germany

(Dec. 1994 ~ 1996) Arche Noah Service Gesellschaft, Germany

(Dec. 1995 ~ Dec. 2012) Dr. Kim's Equine Clinic in Ansong, Korea

(May. 1996 ~ 1999) Embiotec, CEO

(Dec. 1999 ~ Jun. 2000) Caprobiotec. CTO

(Jan. 2000 ~ now) consultant Mistle Biotech

(Jan. 2001 ~ Dec. 2002) consultant Neurotide Biotech.

(Sept. 2002 ~ May 2006) Equine Service Worldwide, CEO

## EXPERIENCE

(May 2006 ~ Dec. 2012) Equine Service Worldwide, CTO  
 (March 2012 ~ ) Cheju Halla University, School of Equine Science

### II. Job Experience

(Jan. 1998 ~ now) FEI (Federation Equestre Internationale) Veterinary Surgeon  
 (Feb. 1997 ~ now) Member of Veterinary in Korean Equestrian Federation  
 (Oct. 1997 ~ now) Show Jumping Judge

### III. Experience for Veterinary Acupuncture

(Jan. 1991 ~ ) Lecturer for Veterinary Acupuncture in German Veterinary Association (ATF: Akademie fuer Tieraerzliche Fortbildung)  
 (Oct. 1988 ~ Jul. 1992) Lecturer for Veterinary Acupuncture, College of Veterinary Medicine of Free University Berlin

### IV. Special Lecture for Veterinary Acupuncture

- Electroacupuncture Analgesia Seminar : 3rd. - 4th. July 1993, held in College of Veterinary Medicine, Free University Berlin
- Annual Seminar for Practical Veterinary Surgeon : 4 times pro Year (1992-1995)
- 1<sup>st</sup>. International Workshop for Clinical Veterinary Acupuncture (1.-21<sup>st</sup>. Sept. 1999) held in Ansong, Korea
- 2<sup>nd</sup>. International Workshop for Clinical Veterinary Acupuncture (1.-21<sup>st</sup>. Sept. 2001) held in Ansong, Korea
- Every 2 Years to be held in Jeju Island, Korea

### Academic Activity

(1991 ~ 1996) Gesellschaft fuer Ganzheitliche Tiermedizin e.V.  
 (1992 ~ ) Gesellschat fuer Pferdemedizin e.V.  
 (1998 ~ ) International Institute of Refrigeration, IIR-Korean Committee  
 (1998 ~ ) President of Korean horse research council  
 (2003 ~ ) Board Member of Korean Society of animal resource  
 (2011 ~ ) Board Member of Korean Horse Industry Society

### Academic Performance

(May 1996 ~ Apr. 1998) Thesis  
 Translation : Pre Sex-determination with PCR and Practical Embryo Transfer of the manipulated Embryos  
 (Aug. 1996 ~ Jul. 1999) Thesis  
 Translation : Development of Calves Production Model by In Viro Techniques  
 (Jan. 1996 ~ Dec. 1996)  
 Translation : Practical embryo transfer by Koreana Native Cattle  
 (Oct. 1999 ~ Apr. 2002) Thesis  
 Translation : Delopment of new Lamenss Diagnostic Method by Digital Sonography  
 (Jun. 1998 ~ May 2003) Thesis  
 Translation : Design of Training Programs for Young Horse and the disabled in views of Rehabilitation in use of High Speed Treadmill under electrocardiogramm control

## PUBLISHED JOURNALS

- Kabsu Kim (2006) Therapeutic effects of horseback riding for the disabled.
- Kabsu Kim (2003) Anatomy and Histological Structures of equine Hoof - economical loss thorough pathological changes of hooves

**PUBLISHED JOURNALS**

- Jong Hwan Bae, **Kabsu Kim**, Yung Choon Yoo, Hoi Young Lee and Kyung Bok Lee (2001)  
: The investigation of synovial fluid and serum for biochemical markers of joint diseases in the horse J Vet. Clin 18 (3): 304-310
- Taek Joon Yoon, Yung Choon Yoo, Tae Bong Kang, Erk Her, Sung-Hoon Kim, **Kabsu Kim**, Ichiro Azuma (2001)  
: Cellular and humoral adjuvant activity of lectins isolated from Korean mistletoe (*Viscum album colaratum*) International Immunopharmacology, Vol 1, Issue 5, pp.881-889, 2001
- T.J.Yoon, T.B.Kang, S-H Kim K. S. Kim and J.B. Kim (2001)  
: Production of Monoclonal Antibodies Specific to Korean Mistletoe Lectin (KML-C) and Their Characterization Yahak Hoeji Vol.45, No.2
- Klaus-D. Budras, Klaus Scheibe, Bianca Patan, Wolf J. Streich, **Kabsu Kim** (2001)  
: Laminitis in Przewalski horses kept in a semireserve, Journal of Veterinary Science, Vol. 2 Nummer 1, April 2001
- Yung Choon Yoo, Bong Ho Lee, Sang Tae Kwak, **Kabsu Kim**, Won Bo Sim and Kyung Bok Lee (2001)  
- Regulatory Effect of Chondroitin Sulfates Derived from Human Placenta on Mitogen-Induced Activation of Murine Splenocytes  
- The Korean J. Lab. Anim. Sci. 17 (1) March 2001, pp 59-64
- **Kim, K.S.**, Kim, C.H. (金甲秀, 金天浩) (1999)  
: セレニウム投與がアルコール処理ラットの血漿と精巢の抗酸化酵素系におよぼす影響 (Effects of selenium supplementation on the antioxidative enzymes activity of blood plasma and testis in alcohol-exposed rats 第16回 微量栄養素研究会シソポウム (平成11年5月25日), 京都
- K.D. Seo, H.J. Kim, **K.S. Kim**, and K.S. Kim (1998)  
- Effects of ITS or EGF on Blastocyst Development of In Vitro Matured, Fertilized Bovine Oocytes.  
- The 8th World Conference on Animal Production (WCAP), June 28-July 4, 1998, Seoul, Korea (PR2-1)=
- **Kim, K.S.**, Lee, S.J., Klocke, P., von Fehrn, S. (1998)  
- Study on estrus synchronisation in non-breeding season and on practical embryo transfer in goats  
- The 8th World Conference on Animal Production (WCAP), June 28-July 4, 1998, Seoul, Korea (PR3-8)
- **Kabsu Kim**, K-D Budras, Ch. Schiel (1999)  
- The horn quality of the white line in the domestic horse (*Equus caballus*), compared with the Przewalskii's horse (*Equus Przewalskii*)  
- 99' Proceeding for the annual meeting of Korean Horse Research
- **Kim, K.S.**, Han, S.S., Kim, C.H.  
(Translation: Effects of improving the physiological performance of the racing horse with High Speed Treadmill)  
- High Speed Treadmill (Equfit plus)을 이용한 고능력 마필의 운동효과  
- 99' Proceeding for the autumn annual meeting of Korean Horse Research
- **Kim, K.S.**  
- 말(馬)의 현대적 응용범위 - 정신질환자의 치료승마 및 장애인 승마(乘馬) -  
(Translation: The modern Use of Horse as Riding for the psychological Disabled)  
- 99' Proceeding for the spring annual meeting of Korean Horse Research
- **Kim, K.S.** (1999)  
(Translation: Developmental History of Horse in Korean Peninsula)  
- 99' Proceeding for the spring annual meeting of Korean Horse Research
- **Kim, K.S.**, Lee, S.J., Park, Y. D. (1998)  
- Improvement of the immune status thorough immune stimulator  
- Study on developing the immune status and improving the stamina against endogenic and exogenic factors  
- Proceedings of International seminar between Korea and Germany with Exhibition "Trends in Marine Biotechnology",

## PUBLISHED JOURNALS

May 6, 1998

- **Kim, K.S.**, Lee, S.J., Kim, C.H.  
(Translation: Etiology and developing mechanism of edema in joint and tendon of horse legs and effective therapy in use of Equidrain)  
- Journal of the Korean Veterinary Medical Association
- **Kim, K.S.** (1997)  
- acupuncture in practical veterinary medicine  
- Journal of the Korean Veterinary Medical Association
- Seo, K.D., Kim, H.J., **Kim, K.S\***, Kim, K.S.  
- Development of Production Techniques for Korean Native Cattle Calves from Embryos by In Vitro Technology  
- II. Effects of ITS and EGF on Blastocyst Development of In Vitro Matured, Fertilized Bovine Oocytes  
- Korean J. Animal Reprod.
- **K.S. Kim**, S. J. Lee, Y. J. Yang, Y. S. Kim (1997)  
- Practical approaching to bovine embryo transfer  
- Journal of cattle improvement 103-109
- K. D. Seo, H. J. Kim, K. S. Kim, **K. S. Kim\***  
- Development of Production Techniques for Korean Native Cattle Calves from Embryos by In Vitro Technology  
- III. Effects of Culture Medium on Blastocyst Development and Effects of Sucrose and Trehalose on the Survival Rate of In Vitro developed Embryos after Thawing  
- Korean J. Emb. Trans. (1998) Vol. 13, No. 2 pp. 173-178
- Seo SeungWon, Lee HongJun, Kim KiDong, **Kim KabSu** and Lee SangHo (1997)  
- Sex predetermination and in vitro development of bovine embryos following micromanipulation  
- Proc. Mol. Biol. & Genet. Vol. 12, pp 623-624, Oct. 1997
- Wollgien, D., **Kim, K.**(1996)  
- Praxiserfahrungen mit der Akupunktur bei der Bewegungsstörungen des Hundes  
(Translation: Clinical case study on veterinary acupuncture by joint disease of dogs)  
- Der Praktische Tierarzt (1996 Apr.) 78: 314-318
- **K. Kim**, D.-S Suh (1994)  
: Untersuchung zur lokalen Akupunkturanalgesie bei Rindern durch elektrische Stimulation

## BOOKS PUBLISHING

- Anatomy and Physiology of Horse(2015, published and Ebook)
- Therapeutic Riding, Theory and Practice (2016, published and Ebook)
- The welfare of horse (2016, published and Ebook)
- The Sitting School on Horse (2016, Ebook)

## BOOKS TRANSLATED

- The Hoof

## BOOKS TRANSLATED

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- The Acupuncture Therapy and Herbal Medicine of Horse
- Irsch Jumping School
- Developmental Biology Horse Brain