



# The 10th International Congress of Asian Society of Toxicology

## ● CV



**English Name : Kyung-Chul Choi**

### **Current Position:**

Director and Professor, Companion Animal-based Translational Cancer Center, Lab of Veterinary Biochemistry and Immunology, College of Veterinary Medicine Chungbuk National University Cheongju, Chungbuk 28644 Republic of Korea

### **Education/Training:**

2002	Cornell University, NY, USA	Postdoctoral fellow
2001	University of British Columbia, Canada	PhD in Cancer Biology/Molecular Endocrinology
1992	Seoul National University, Republic of Korea	MS in Veterinary Public Health
1990	Seoul National University, Republic of Korea	BS in Veterinary Medicine

### **Professional and Research Experience:**

2017-2023	Director	Companion Animal-based Translational Cancer Center
2018-2020	Dean	College of Veterinary Medicine, Chungbuk Natl University
2008-present	Associate/Full Professor	College of Veterinary Medicine, Chungbuk Natl University
2010-2012	Department Head	Department of Preveterinary Med, Chungbuk Natl University
2002-2008	Assistant Professor	University of British Columbia (CANADA)

### **Awards and Honors:**

2021	Academic Achievement Award	Korean Society for Alternative to Animal Experiments
2021	Best Citations Award	Biomolecules and Therapeutics
2018	Academic Achievement Award	Korean Society of Toxicology (KSOT)
2018	Basic Research Award	International Conference of Cancer Research

### **Selected Publications:**

1. Lee HK, Nam MW, Go RE, Koo J, Kim TH, Park JE, **Choi KC** 2022 TGF- $\beta$ 2 antisense oligonucleotide enhances T-cell mediated anti-tumor activities by IL-2 via attenuation of fibrotic reaction in a humanized mouse model of pancreatic ductal adenocarcinoma. *Biomed Pharmacother* 2023 159: 114212
2. Lee HK, Kim CW, Ahn D, Go RE, Choi Y, **Choi KC** 2022 Next-generation antisense oligonucleotide of TGF- $\beta$ 2 enhances T cell-mediated anticancer efficacy of anti-PD-1 therapy in a humanized mouse model of immune-excluded melanoma. *Cancers* 2022 Oct 14(21): 5220
3. Go RE, Lee HK, Kim CW, Kim S, **Choi KC** A fungicide, fenhexamid, is involved in the migration and angiogenesis in estrogen receptor-expressing breast cancer cells. *Life Sci* 2022 Sep-15, 305: Article 120754
4. Ahn D, Kim CW, Go RE, **Choi KC** Evaluation of mitochondrial toxicity in mammalian cardiomyocytes by



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determining the highly reproducible and reliable increase in mitochondrial superoxides after exposure to therapeutic drugs. *Toxicol In Vitro* 2022 Sep 83(9) 105393

5. Go RE, Kim CW, Lee SM, Lee HK, Choi KC Fenhexamid induces the cancer growth and survival via an estrogen receptor-dependent and PI3K-dependent pathways in breast cancer models. *Food Chem Toxicol* 2021 Mar 149, 112000