

Curriculum Vitae

Name: KyuChang Won

Degree: M.D., Ph.D.

Affiliation: Yeungnam University College of Medicine

Position Title: Professor

Education/Training

1987. 2. Graduate : College of Medicine, Yeungnam University, Daegu, South Korea (M.D.)

2000. 8. Ph.D. Graduate : College of Medicine, Yeungnam University, Daegu, South Korea

2001 – 2002 : Pacific Northwest Research Institute (Dr. Robertson Lab.) – Seattle (USA)

Interesting field : Glucose toxicity of islets in T2D

POSTGRADUATE TRAINING

1991.3.~ 1995.2 : Residency in Internal Medicine, Yeungnam University Hospital, Daegu, South Korea

1995.3 ~ 1997.2 : Specialist course of Endocrinology & Metabolism, Yeungnam University Hospital, Daegu, South Korea

Positions and Scientific Appointments

Board certification / Name of board:

Member of Korean Medical Association

Member of Korean Diabetes Association (KDA)

Member of Korean Internal Medicine

Member of Korean Endocrine Society

Previous appointments

2004.3 ~ 2007.8 : Director of QI, Yeungnam University Hospital, Daegu, South Korea

2008.3 ~ 2012.8 : Vice- Dean of College of Medicine, Yeungnam University,

2016.2 ~ 2017.1 : Chief of Planning & Coordination, Yeungnam Medical Center,

Present appointment

1997.3 ~ present : Professor Department of Internal Medicine, Yeungnam University College of Medicine,

2019.9 ~ present : Director of Medical Research, Innovation Center for Aging Research Yeungnam University Hospital

About KDA & DMJ

(Diabetes & Metabolism Journal - official journal of Korean Diabetes Association)

2008.1~2011.12 : Editor of DMJ

2012.1~2015.12 : Associate editor of DMJ

2016.1 ~ 2019.12 : Editor in chief of DMJ

2020.1 ~ 2021.12 : Chair of Scientific program committee of KDA meeting

MHRC Symposium Secretariat

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2022.1 ~ present : Chairman of Board-member, KDA

Selected Publication

Karunakaran U, Elumalai S, Moon JS, Won KC. c-Abl Tyrosine Kinase Inhibition Attenuate Oxidative Stress-Induced Pancreatic β -Cell Dysfunction via Glutathione Antioxidant System. *Transl Res* 2022 Jun 10;S1931-5244(22)00139-6. doi: 10.1016/j.trsl.2022.06.007

Elumalai S, Karunakaran U, Moon JS, Won KC. Pioglitazone-Induced AMPK-Glutaminase-1 Prevents High Glucose-Induced Pancreatic β -cell Dysfunction by Glutathione antioxidant system. *Redox Biol.* 2021 Sep;45:102029. doi: 10.1016/j.redox.2021.102029. Epub 2021 Jun 3.

Elumalai S, Karunakaran U, Moon JS, Won KC. High glucose-induced PRDX3 acetylation contributes to glucotoxicity in pancreatic β -cells: Prevention by teneligliptin. *Free Radic Biol Med* 2020, 618-629.

Karunakaran U, Elumalai S, Moon JS, Won KC. CD36 dependent redoxosomes promotes ceramide-mediated pancreatic β -cell failure via p66Shc activation. *Free Radic Biol Med* 134 (2019) 505–515

Elumalai S, Karunakaran U, Lee IK, Moon JS, Won KC. Rac1-NADPH oxidase signaling promotes CD36 activation under glucotoxic conditions in pancreatic beta cells. *Redox Biol.* 11: 126–134, 2017

Won KC. DMJ, Better than Yesterday, More Brilliant Tomorrow. *Diabetes Metab J* 2019;43(1):1-2.

Won KC. A Short but Long Journey with You. *Diabetes Metab J* 2018;42(1):1-2.