< Curriculum Vitae >

▷ Name (Korean)	안지완
▷ Name (English)	AHN G ONE
▷ Affiliation	POSTECH/ Integrative Biosciences and Biotechnology
▷ Position	Associate Professor

Education/ Appointments

1998, BSc (Chemistry & Pharmacology), University of Auckland, NZ
2000, MSc (Hons, Pharmacology), University of Auckland, NZ
2004, PhD (Pathology), University of Auckland, NZ
2003 - 2011 Postdoc (Radiation Oncology), Stanford University, USA
2011-2015, Assistant Professor at POSTECH
2015-present, Associate Professor at POSTECH

Main Research Topics

Tumor-associated macrophages
Tumor microenvironment angiogenesis
Radiation Biology
Role of hypoxia-inducible factor (HIF) in myeloid cells in the vascular disease progression

Brief List of Publications

2016

- Song C, Hong BJ, Bok S, Lee CJ, Kim YE, Jeon SR, Wu HG, Lee YS, Cheon GJ, Paeng JC, Carlson DJ, Kim HJ, **Ahn GO**. The real-time tumor oxygenation changes following a single high dose radiotherapy in orthotopic and subcutaneous lung cancers in mice: clinical implication for stereotactic ablative radiotherapy schedule optimization. *Int J Radiat Oncol Biol Phys. In Press*

2014

- **Ahn GO**[§], Seita J, Hong BJ, Kim YE, Bok S, Lee CJ, Kim KS, Lee JC, Leeper NJ, Cooke JP, Kim HJ, Kim IH, Weissman IL, Brown, JM. Transcriptional activation of hypoxia-inducible factor-1 (HIF-1) in myeloid cells promotes angiogenesis through VEGF and S100A8. *Proc Natl Acad Sci*. 2014. 111: 2698-2703 [[§]Corresponding author]

2010

- **AhnGO**, Tseng D, Liao CH, Dorie MJ, Czechowicz A, Brown JM. Inhibition of Mac-1 (CD11b/CD18) enhances tumor response to radiation by reducing myeloid cell recruitment. *Proc Natl Acad Sci*. 2010. 107: 8363-8368

2008

- **AhnGO** and Brown JM. Matrix metalloproteinase-9 is required for tumor vasculogenesis but not for angiogenesis: role of bone marrow-derived myelomonocytic cells. *Cancer Cell*. 2008. 13: 193-205