

Personal Information



Napapat Amornwichee

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Curriculum Vitae

EDUCATION

- 2006 Doctor of Medicine, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
- 2008 Graduate Diploma of Clinical Sciences In Radiology , Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
- 2009 Higher Graduate Diploma of Clinical Sciences In Radiology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
- 2010 Diploma of the Thai Board of Radiation Oncology
Division of Therapeutic Radiation and Oncology
Department of Radiology
King Chulalongkorn Memorial Hospital, Bangkok, Thailand
- 2016 Doctor of Philosophy in Radiation biology. The Program for Cultivating Global Leaders in Heavy Ion Therapeutics and Engineering, Department of Radiation Oncology, Gunma University Graduate School of Medicine, Maebashi, Gunma, Japan

CURRENT PRACTICE

- 2010-Present Instructor In Radiation Oncology, Division of Therapeutic Radiation Oncology, Department of Radiology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

ACTIVITIES AND ACHIEVEMENTS

- 2009-Present Member of Thai Society of Therapeutic Radiology and Oncology
- 2012 Speaker at Singapore 3D-HDR brachytherapy symposium 2012 “Exiting 2D, exploiting 3D” (National University cancer Institute, Singapore)

- 2013 Speaker and modulator of International workshop “3D Image-guided Adaptive Brachytherapy for Gynecology Using MRI-based intracavitary Technique” Bangkok, Thailand
- 2012-2014 Assistant secretariat of Thai Society of Therapeutic Radiology and Oncology Board Committee
- 2014 Poster presentation at 56th ASTRO annual meeting 2014, San Francisco, USA
“Evaluation of DNA Damage response After Carbon-ion Beam Irradiation in p53-Null Cancer cells”
- 2015 E-poster presentation at 3rd ESTRO Forum, Barcelona, Spain "An intracavitary/interstitial technique with rotated ovoid-guided needles insertion for asymmetric cervix tumor"

Poster presentation at 15th International Congress of Radiation Research 2015, Kyoto, Japan “Carbon-ion beam irradiation kills X-ray-resistant p53-null cancer cells by inducing mitotic catastrophe”

RESEARCHES AND PUBLICATION

1. Chromatin-regulating proteins as targets for cancer therapy. Oike T, Ogiwara H, **Amornwichet N**, Nakano T, Kohno T. Journal of Radiation Research 2014; 55:613-528.
2. C646, a selective small molecule inhibitor of histone acetyltransferase p300, radiosensitizes lung cancer cells by enhancing mitotic catastrophe. Oike T, Komachi M, Ogiwara H, **Amornwichet N**, Saitoh Y, Torikai K, Kubo N, Nakano T, Kohno T. Radiotherapy and Oncology 2014; 111:222-227.
3. Lower urinary tract dysfunction and quality of life in cervical cancer survivors after concurrent chemoradiation versus radical hysterectomy. Katepratoom C, Manchana, **Amornwichet N**. Int Urogynecol J 2014; 25:91-96.
4. Carbon-ion beam irradiation kills X-ray-resistant p53-null cancer cells by inducing mitotic catastrophe. **Amornwichet N**, Oike T, Shibata A, Ogiwara H, Tsuchiya N, Yamauchi M, Saitoh Y, Sekine R, Isono M, Yoshida Y, Ohno T, Kohno T, Nakano T. PLoS One. 2014 Dec 22; 9(12): e115121
5. The EGFR mutation status affects the relative biological effectiveness of carbon-ion beams in non-small cell lung carcinoma cells. **Amornwichet N**, Oike T, Shibata A, Nirodi CS, Ogiwara H, Makino H, Kimura Y, Hirota Y, Isono M, Yoshida Y, Ohno T, Kohno T, Nakano T. Scientific Reports. 2015; 5:11305. Doi: 10.1038/srep11305.
6. Mitotic catastrophe is a putative mechanism underlying the weak correlation between sensitivity to carbon ions and cisplatin. Kobayashi D, Oike T, Shibata A, Niimi A, Kubota Y, Sakai M, **Amornwichet N**, Yoshimoto Y, Hagiwara Y, Kimura Y, Hirota Y, Sato H, Isono M, Yoshida Y, Kohno T, Ohno T, Nakano T. Scientific Reports. 2017; 7:40588. Doi: 10.1038/srep40588.