

Name	Taweesak Tangrodchanapong, Ph.D.				
Thai name	อาจารย์ ดร.ทวีศักดิ์ ตั้งโรจนพงษ์				
Position	Lecturer				
Responsibility for School	1. The Executive Committee of School of Radiological Technology 2. Head, Division of Basic Radiological Technology				
Email	taweesak.tan@cra.ac.th				
Expertise	Radiobiology, anatomy, and advanced molecular biology				
Research Interest	Effects of radiation therapy on stem cells, discovery of novel radiosensitizers and radioprotective agents in radiation therapy, discovery of novel chemotherapeutic sensitizers and chemoprotective agents, and radiological study of anatomical variation				
Educational Background					
Education level	Graduation year	Education field	University/School	Province	Country
Doctoral degree	2021	Ph.D. Anatomy and Structural Biology	Mahidol University	Bangkok	Thailand
Master's degree	-	-	-	-	-
Bachelor's degree	2013	B.Sc. Radiological Technology the 1st honor	Mahidol University	Bangkok	Thailand
Upper secondary education	2009	Science-mathematics	Pachuap Wittayalai School	Pachuap Khiri Khan	Thailand
Lower secondary education					
Work Experience					
Start year	End year	Position	Organization	Province	Country
2022	Present	Lecturer	Chulabhorn Royal Academy	Bangkok	Thailand
2017	2018	Special lecturer	Mahidol University	Bangkok	Thailand
2014	2015	Medical dosimetrist	Faculty of Medical Siriraj Hospital, Mahidol University	Bangkok	Thailand
Publication					

Year	Journal name	Title
2015	Siriraj Medical Journal	Laojunun, P., Kaknaporn, C., Pleanarom, S., Phongprapun, W., Tangrodchanapong, T. , Iampongpaiboon, P., et al. Quality assurance program for linear accelerator-based Stereotactic Radiosurgery and Stereotactic Radiotherapy. Siriraj Medical Journal, 67(Suppl 1), S12-16.
2020	Frontiers in Pharmacology	Tangrodchanapong T , Sobhon P, Meemon K. Frondoside A attenuates amyloid- β proteotoxicity in transgenic Caenorhabditis elegans by suppressing its formation. Frontiers in Pharmacology. 2020 Sep 10;11:553579. (IF 2020=5.81, Q1)
2021	Molecules	Tangrodchanapong T , Sornkaew N, Yurasakpong L, Niamnont N, Nantasenamat C, Sobhon P, Meemon K. Beneficial effects of cyclic ether 2-butoxytetrahydrofuran from sea cucumber Holothuria scabra against A β aggregate toxicity in transgenic Caenorhabditis elegans and potential chemical interaction. Molecules. 2021 Apr 11;26(8):2195. (IF 2020=4.412, Q1)
2023	Annals of Anatomy - Anatomischer Anzeiger	Tangrodchanapong T , Yurasakpong L, Suwannakhan A, Chaiyamoong A, Iwanaga J, Tubbs RS. Basilar tubercles and eminences of the clivus: Novel anatomical entities. Annals of Anatomy-Anatomischer Anzeiger. 2023 Oct 1;250:152133. (IF 2022 = 2.2, Q1)
2025	PLoS ONE	Tangrodchanapong T , Jiso A, Changkaew P, Khachonkham S, Thongsuk A, Chodchavanchai T, Khemawoot P, Ruangsawasdi N, Dharmasaroja P, Songsaad AT. Radioprotective effects of asiaticoside and asiatic acid in neural stem cells derived from human stem cells from apical papilla through increasing dose-reduction factor and their lowering effects on SH-SY5Y cell viability. PLoS One. 2025 Jun 4;20(6):e0325480. (IF 2023 =2.9, Q1)
Teaching Course		
Student level	Course code	Course name
Undergraduate	HTRT1003	Biology
Undergraduate	CHRT301	Radiobiology
Undergraduate	CHRT310	Sectional anatomy in radiology
Undergraduate	HTRT1108	Radiation protection
Undergraduate	CHRT315	Seminar and Research Methodology
Undergraduate	CHRT318	Term paper