

NUTTAWADEE INTACHAI

Lecturer at Department of Radiologic Technology
Faculty of Associated Medical Sciences, Chiang Mai University



PERSONAL INFORMATION

E-mail: nuttawadee.i@cmu.ac.th

Office: 053-949314



RESEARCH AREAS OF INTEREST

- Radiation shielding material
- Glass scintillation
- Magnetic resonance spectroscopy



EDUCATION

- **2021 – Present:** Ph.D. student in Biomedical Sciences, Chiang Mai University, Thailand
- **2019:** M.Sc. in Medical Radiation Sciences, Chiang Mai University, Thailand
- **2010:** B.Sc. in Radiologic Technology, Chiang Mai University, Thailand



PUBLICATION

- K.N S, Prasad S G, Kaewkhao J, **Intachai N**, S K, W R, Pasha A, R R. Optical and structural properties of Eu³⁺ doped MgO–Li₂O–Na₂O–BaO–B₂O₃ glasses for scintillating glass applications. *Radiat Phys Chem.* 2022;110295.
- Saha S, Ntarisa AV, Quang ND, Luan NT, Vuong PQ, Kim HJ, **Intachai N**, Kothan S, Kaewkhao J. Scintillation performance of the Ce³⁺ -activated lithium phosphate glass. *Radiat Phys Chem.* 2022;110285.
- Garima, Hebbar V D, Gurav B, Kaewkhao J, **Intachai N**, Kothan S, Rajaramakrishna R. Optical properties of Sm³⁺ doped in CaO–Al₂O₃–Na₂O–BaO–B₂O₃ glasses for under-sea optical device applications. *Optik.* 2022;262:169366.
- Shoaib M, Khan I, Chanthima N, Alhuthali A, **Intachai N**, Kothan S, Ahad A, Ullah I, Khattak S, Rooh G, Kaewkhao J, Ahmad T. Photoluminescence analysis of Er³⁺-ions Doped P₂O₅–Gd₂O₃/GdF₃–BaO–ZnO glass systems. *J. Alloys Compd.* 2022;902:163766.
- Kaewjaeng S, Boonpa W, Khrongchaiyaphum F, Kothan S, Kim HJ, **Intachai N**, Rajaramakrishna R, Kiatwattanacharoen S, Kaewkhao J. Influence of trivalent praseodymium ion on SiO₂–B₂O₃–Al₂O₃–BaO–CaO–Sb₂O₃–Na₂O–Pr₂O₃ glasses for X-Rays shielding and luminescence materials. *Radiat Phys Chem.* 2021;184:109467.
- Jaikumkao K, Promsan S, Thongnak L, Swe MT, Tapanya M, Htun KT, Kothan S, **Intachai N**, Lungkaphin A. Dapagliflozin ameliorates pancreatic injury and activates kidney autophagy by modulating the AMPK/mTOR signaling pathway in obese rats. *J. Cell. Physiol.* 2021;236(9):6424-40.
- Udomtanakunchai C, Mernsri S, Jeejai S, **Intachai N**, Ruengdit C, Pornprasert S. Effect of low dose X-ray on membrane fluidity of thalassemic red blood cells. *International Journal of Radiation Research.* 2021;19(1):75-80.
- Rodkong A, **Intachai N**, Sailasuta N, Aramrattana A, Uttawichai K, Thavornprasit D, Taejaroenkul S, Sintupat K, Paul R and Saekho S. Comparison the effect of two analysis methods of brain volume: Absolute brain volume and brain volume normalized with intracranial volume in methamphetamine abusers. *J Med Sci.* 2019;52(1):26-32.
- **Intachai N**, Rodkong A, Sailasuta N, Aramrattana A, Uttawichai K, Thompson M, Sirirojn B, Thavornprasit D, Taejaroenkul S, Sintupat K, Valcour V, Paul R and Saekho S. The relationship between metabolite from 1H-MRS and brain volume by magnetic resonance technique in methamphetamine users. *J Med Sci.* 2017;50(3):424-434.