Duanghathai Pasanta

DEPARTMENT OF RADIOLOGIC TECHNOLOGY

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Education

2021-2024
King's College London
DOCTOR OF PHILOSOPHY in NEUROIMAGING
Thesis: Towards the functional neurochemistry of sensory learning: Understanding functional ^{1}H Magnetic Resonance Spectroscopy

2020
King's College London
MASTER OF SCIENCE (NEUROSCIENCE)
PASS WITH DISTINCTION

2016-2018
Chiang Mai University
MASTER OF SCIENCE (MEDICAL RADIATION SCIENCE)

2012-2016
BACHELOR OF SCIENCE (RADIOLOGIC TECHNOLOGY)
FIRST CLASS HONS
Chiang Mai University, TH

Research areas of interest

- ^{1}H MRS/functional MRS
- Neuroscience
- Magnetic Resonance Techniques
- Metabolomics
- Non-Communicable Diseases (NCDs)

Research theme
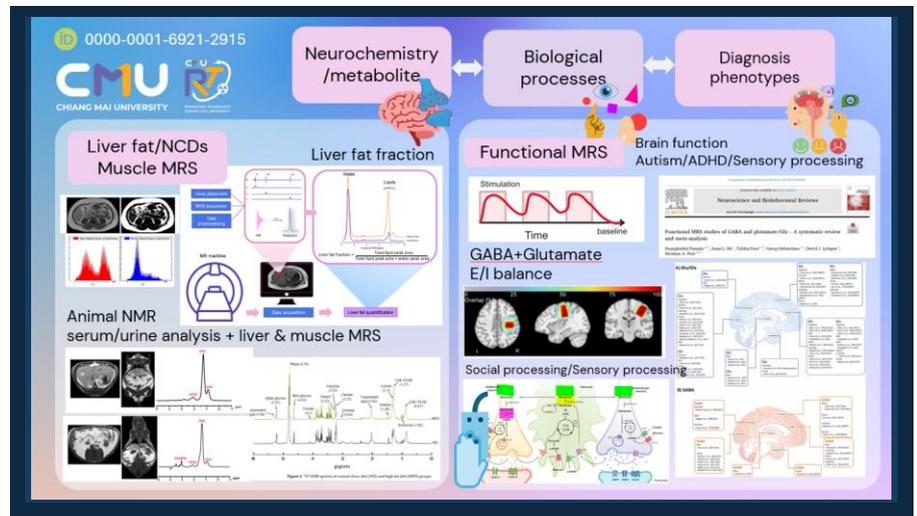
Publication

Books
Pasanta, D., Puts, N.A.,(2024) . Functiona l spectroscopy, in: Reference Module in Neuroscience and Biobehavioral Psychology. Elsevier. http s://d oi.org / 10.1016/B978-0- 12-820480- 1.00003- 6

Journal publications
Pasanta, D., He, J. L., Ford, T., Oeltzschner, G., Lythgoe, D. J., & Puts, N. A. (2023). Functional MRS studies of GABA and glutamate/Glx - A systematic review and meta-analysis. Neuroscience and biobehavioral reviews, 144, 104940. https://doi.org/10.1016/j.neubiorev.2022.104940

Pasanta, D., White, D. J., He, J. L., Ford, T. C., & Puts, N. A. (2024). GABA and glutamate response to social processing: a functional MRS feasibility study. *NMR in biomedicine*, *37*(7), e5092. https://doi.org/10.1002/nbm.5092

Pasanta, D., White, D. J., He, J. L., Ford, T. C., & Puts, N. A. (2024). GABA and glutamate response to social processing: a functional MRS feasibility study. *NMR in biomedicine*, *37*(7), e5092. https://doi.org/10.1002/nbm.5092

Pasanta, D., Chancha runee, S., Tung ja i, M., Kim, H.J., Kotha n, S., (2019). Effects of obesity on the lipid and m etabolite profiles of young adults by serum 1H-NMR spectroscopy. PeerJ 7, e7137. http s://d oi.org / 10.7717/peerj.7137