

SUMMARY ON CURRENT NANOMEDICINE RESEARCH ON DIAGNOSTIC TOOL FROM THAILAND

SORA YASRI*

ABSTRACT

In Asia, nanomedicine becomes a blooming medical science. In Thailand, this new medical science has been implemented for a few years. There are few specific researches in nanomedicine in Thailand. In this short article, the authors summarized the reports on the nanomedicine researched on diagnostic medicine in Thailand.

KEYWORD: Nanomedicine, Diagnostic Tool, Research, Thailand.

INTRODUCTION

In Asia, nanomedicine becomes a blooming medical science. In Thailand, this new medical science has been implemented for a few years. There are few specific researches in nanomedicine in Thailand. In this short article, the authors summarized the reports on the nanomedicine researched on diagnostic medicine in Thailand.

SITUATION OF NANOMEDICINE AND DIAGNOSTIC TOOL IN THAILAND

In Thailand, nanomedicine has been implemented for a few years. The famous

nanomedicine scientist in Thailand is Professor Viroj Wiwanitkit who was an editorial board of the Nanomedicine, the referencing journal in nanomedicine. The good researches from Thailand are usually on the pathology and pathogenesis. Focusing on the researches on medical diagnosis, there are very few publications and most are from the low qualified investigators team. The publications usually contain the weak points that lead to criticizing. The examples of publications on nanomedicine in diagnostic medicine in Thailand are shown in Table 1.

Table 1. The examples of publications on nanomedicine in diagnostic medicine in Thailand

Authors	Details
Bhattarakosol et al. [1]	Bhattarakosol et al. developed immunogold-agglutination assay for direct detection of HPV-16 E6 and L1 proteins from clinical specimens [1].
Werawatganon et al. [2]	Werawatganon et al. developed a lateral-flow immunochromatographic strip using gold nanoparticles for Helicobacter pylori detection [2].
Chirathaworn et al. [3]	Chirathaworn et al. reported the success in detection of Leptospira in urine using anti-Leptospira-coated gold nanoparticles [3].

*KMT Primary Care Center, Bangkok, Thailand. **Correspondence E-mail Id:** editor@eurekajournals.com

CONCLUSION

There are very few good publications on nanomedicine for medical diagnosis in Thailand. Limited number of investigators can be seen. Most publications are in some specific nanomedicine journals and there are few productions in this specific field from Thailand.

CONFLICT OF INTEREST: None

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