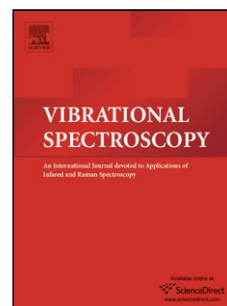


## Accepted Manuscript

Title: Application of FTIR imaging to detect dietary induced biochemical changes in brown and white adipocytes

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PII: S0924-2031(18)30065-1  
DOI: <https://doi.org/10.1016/j.vibspec.2018.06.003>  
Reference: VIBSPE 2805

To appear in: *VIBSPE*

Received date: 1-3-2018  
Revised date: 31-5-2018  
Accepted date: 6-6-2018

Please cite this article as: Liyanage S, Bouyanfif A, Ramalingam L, Moustaid-Moussa N, Abidi N, Application of FTIR imaging to detect dietary induced biochemical changes in brown and white adipocytes, *Vibrational Spectroscopy* (2018), <https://doi.org/10.1016/j.vibspec.2018.06.003>

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**Application of FTIR imaging to detect dietary induced biochemical changes in brown and white adipocytes**

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**Abstract**

Fourier Transform Infrared microspectroscopy Imaging (FTIR imaging) has powerful advantages when used as a complementary technique to histopathological investigations. The common histopathological investigations use a number of chemical fixatives and deparaffinizing agents that alter lipid profiles of biological tissues, particularly in lipid-rich adipose tissues. An

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