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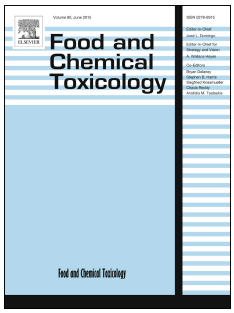

Evidence of insulin-dependent signalling mechanisms produced by *Citrus sinensis* (L.) Osbeck fruit peel in an insulin resistant diabetic animal model

Rajiv Gandhi Sathiyabama, Rajiv Gandhi Gopalsamy, Marina Denadai, Gurunagarajan Sridharan, Jothi Gnanasekaran, Sasikumar Ponnusamy, Jullyana de Souza Siqueira Quintans, Narendra Narain, Luis Eduardo Cuevas, Henrique Douglas Melo Coutinho, Andreza Guedes Barbosa Ramos, Lucindo José Quintans-Júnior, Ricardo Queiroz Gurgel

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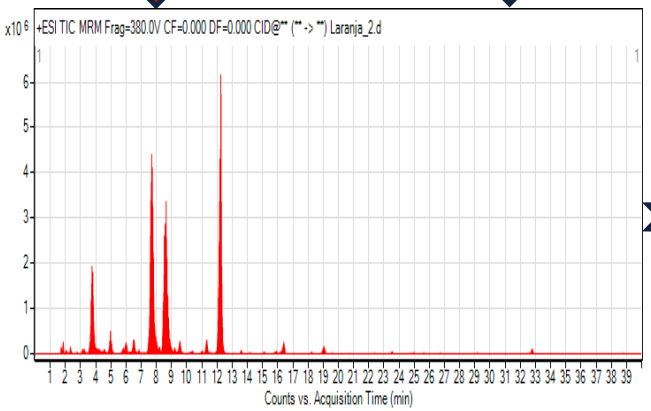

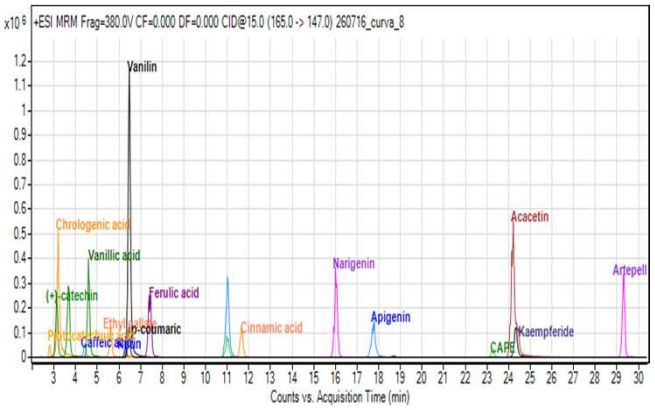

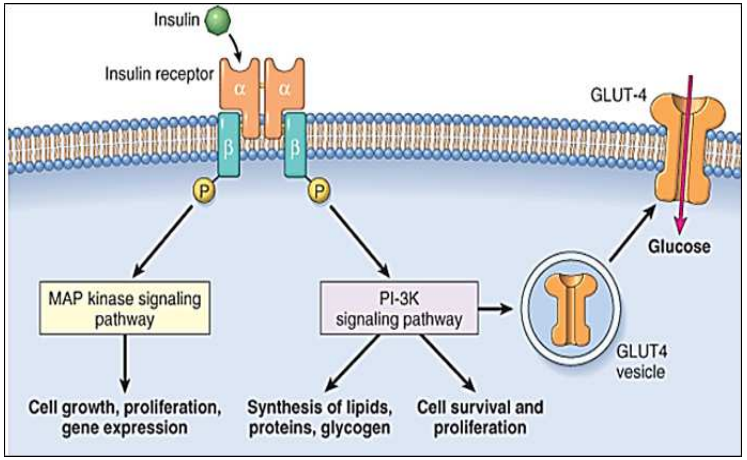

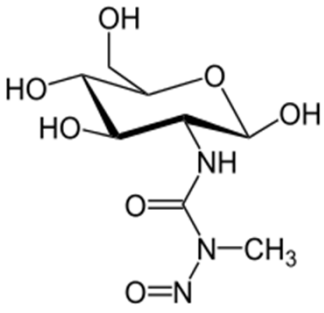

Streptozotocin

High Fat Diet

Insulin Resistant Diabetic Animal Model

Lowered Fasting Blood Glucose

Attenuated Insulin Resistance

Promoted Insulin Receptor Signalling