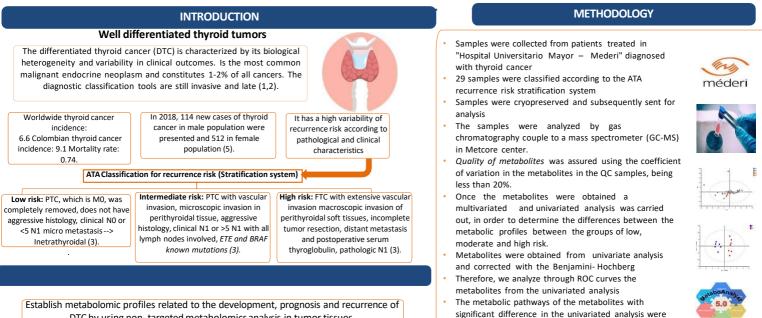




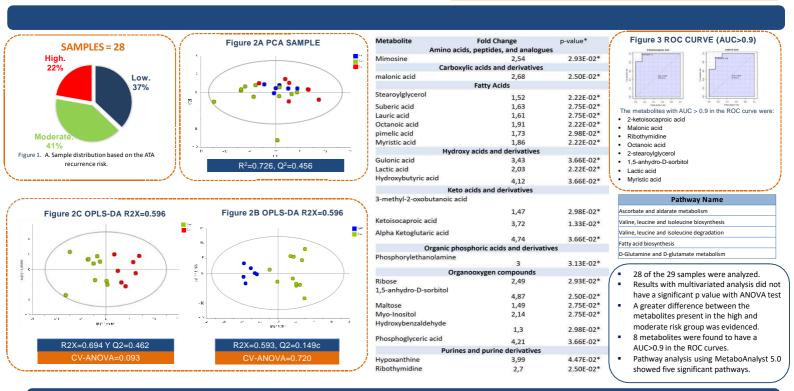
Determination of metabolomic profiles related to pathogenesis, prognosis, and recurrence in differentiated thyroid tumors: A non-targeted metabolomic analysis of tumor tissues.

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DTC by using non-targeted metabolomics analysis in tumor tissues.



CONCLUSION

- The group in which the greatest number of significant differences in metabolites were observed was between high and moderate recurrence risk.
- The metabolites that showed the greater variation between the moderate and high-risk groups were Ascorbate and aldarate metabolism, Valine, leucine and isoleucine biosynthesis, Valine, 2. leucine and isoleucine degradation, Fatty acid biosynthesis.
- Our findings are consistent with previously reported upregulated pathways α-Ketoglutaric acid and Hydroxybutyric acid⁴
- Metabolomics represents a promising tool for the identification of patients at high risk of recurrence in patients with DTC who are deficient in post-surgical adjuvant therapy. 4.
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