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Autores	Marcella Regina Cardoso, Juliana Carvalho Santos, Marcelo Lima Ribeiro, Maria Cecília Ramiro Talarico, Lais Rosa Viana, Sophie Françoise Mauricette Derchain
Autor (es) USF	Juliana Carvalho Santos, Marcelo Lima Ribeiro
Autores Internacionais	
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Resumo	Although the classification of breast carcinomas into molecular or immunohistochemical subtypes has contributed to a better categorization of women into different therapeutic regimens, breast cancer nevertheless still progresses or recurs in a remarkable number of patients. Identifying women who would benefit from chemotherapy could potentially increase treatment effectiveness, which has important implications for long-term survival. Metabolomic analyses of fluids and tissues from cancer patients improve our knowledge of the reprogramming of metabolic pathways involved in resistance to chemotherapy. This review evaluates how recent metabolomic approaches have contributed to understanding the relationship between breast cancer and the acquisition of resistance. We focus on the advantages and challenges of cancer treatment and the use of new strategies in clinical care, which helps us comprehend drug resistance and predict responses to treatment.
Fomento	