

LISTA 5

5a) Descrivere brevemente gli step della fase pre-analitica all'arrivo di un campione biologico al laboratorio di ematologia.

5b) Come avviene la manipolazione e il mantenimento delle colture cellulari primarie e stabilizzate?

This system of isomerization is located in the cytoplasmic membrane. The conversion of cis unsaturated fatty acids to trans changes the membrane fluidity in response to environmental stimuli, particularly where growth is inhibited due to the presence of high concentrations of toxic substances. Under these conditions, lipid synthesis also stops so that the cells are not able to modify their membrane fluidity by any other mechanism.

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LISTA 1

1a) Descrivere brevemente la processazione di un campione di sangue midollare presso il laboratorio di ematologia per effettuare un'analisi citofluorimetrica.

1b) Che cos'è il western blotting? Descrivilo brevemente

Calcium intake (>1 g/day) may reduce the risk of preeclampsia in women with low-calcium diet. Data from recently updated Cochrane reviews did not support routine supplementation of vitamins C, E or D for either the prevention or treatment of preeclampsia. Evidences are also poor to support zinc or folic acid supplementation for preeclampsia prevention. Dark chocolate, flavonoid-rich food, and long-chain polyunsaturated fatty acids might also be candidates for prevention of preeclampsia.





LISTA 2

2a) Descrivere brevemente la manipolazione del lavaggio broncoalveolare dall'arrivo in laboratorio alla preparazione del vetrino.

2b) Quali sono le colorazioni utilizzate principalmente in ematologia? Descrivile brevemente

Through antioxidant, anti-inflammatory or vasoactive properties, micronutrients are good candidates for preeclampsia prevention. Calcium supplementation is recommended to prevent preeclampsia in women with low-calcium intake. Despite positive clinical and in-vitro data, strong evidence to support periconceptional supplementation of other micronutrients for preeclampsia risk-reduction is still lacking. Further studies are also needed to evaluate the benefit of nutritional supplementation such as chocolate and long-chain polyunsaturated fatty acids.

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LISTA 3

3a) Descrivere i passaggi per la preparazione di un campione di sangue periferico all'analisi citofluorimetrica.

3b) Descrivere brevemente una strategia utilizzabile per ottenere una linea cellulare farmaco-resistente.

The effect of chocolate is more convoluted since the sucrose and lipid may transiently and negatively impact on endothelial function, partly through insulin signalling and nitric oxide bioavailability. However, few studies have attempted to dissect out the role of the individual components and have not explored their possible interactions.

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LISTA 4

4a) Descrivere brevemente come avviene la separazione delle cellule mononucleate da un campione di sangue periferico

4b) A cosa serve la colorazione di Trypan Blue?

The hemophagocytic lymphohistiocytosis is a disease with a potential fatal evolution, caused by the activation of macrophages and histiocytes with hemophagocytosis in bone marrow and other reticuloendothelial systems, triggered by a defect in the T lymphocyte when stimulating the production of interleukin 1-beta, interleukin 6, interferon-gamma and tumor necrosis factor-alpha that promote macrophage activation

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