

# Nutrition Biochemistry - CV (CBICV-C - WS)

## 1. Composition and blood tests (allowance 0/5)

a. Composition of blood, blood serum, blood plasma, blood sampling (capillary, venous, arterial) blood transport, disposal of biological material possibilities of errors in blood collection, blood hematology, blood chemistry, acid-base balance, blood gases.

## 2. Composition and urine (allowance 0/5)

a. Collection and preservation of urine, physical examination of urine (quantity, color, turbidity, foam, odor, density, pH), chemical qualitative urinalysis (protein, microalbuminuria, glycosuria, ketonuria, haematuria, bacteriuria, bile pigment), microscopic examination of urine (erythrocyturie , leukocyturie, epithelial cells, cylindrurie, pseudováľce, crystals, urinary stones), examination of urinary sediment.

## 3. Amino acids (allowance 0/4)

a. General characteristics and structure of amino acids, determination of free and bound amino acids.