Proposal Guidelines for a PhD in Biomedical Sciences:

Topic:

Can vitamin D supplementation in infants prevent food allergy in the first year of life?

Background of the Topic:

Immuno-Haematology & Analytical Biochemistry.

Techniques implemented:

Mass Spectrophotometry & Micro-sampling.

References:

1. Detection of Vitamin D Metabolites in Breast Milk: Perspectives and challenges for measurement by Liquid Chromatography Tandem-Mass Spectrometry (2021)

<https://www.sciencedirect.com/science/article/abs/pii/S0009912021002241?via%3Dihub>

1. Influence of isotopically labeled internal standards on quantification of serum/plasma 17α-hydroxyprogesterone (17OHP) by liquid chromatography mass spectrometry (2020)

<https://pubmed.ncbi.nlm.nih.gov/32697750/>

1. Role of Vitamin D in Prevention of Food Allergy in Infants (2020)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7461773/>

1. Candidate reference method for determination of vitamin D from dried blood spot samples (2019)

<https://pubmed.ncbi.nlm.nih.gov/31348755/>

1. Advantages and Challenges of Dried Blood Spot Analysis by Mass Spectrometry Across the Total Testing Process (2016)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5282914/>