

## **Marina Vivarelli (Immune disorders WG): Evaluation of immune competence in children with idiopathic nephrotic syndrome.**

**ESPN research grant 2018. Report September 2020**

Our study on Immune competence in nephrotic syndrome is ongoing, we are still recruiting patients and performing analysis on PBMC, both by assessing B and T cell subpopulations and specific memory B cell clones anti-HepB and tetanus and circulating total and specific immunoglobulin levels. Based on the results that we collected on children at disease onset and age-matched controls, we submitted this month a paper to Frontiers in Immunology:

*Evaluation of immune competence in steroid-sensitive nephrotic syndrome pediatric patients*

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We plan to follow-up with a second more complete publication with longitudinal analysis on the same patients on subsequent immunosuppression. This should take another year. The ESPN grant was acknowledged.