

Round Table Discussion Groups

Table 1 - Plasma cells

moderated by **Andreas Radbruch and Reinhard Voll**

Questions from the participants, e.g., Transcriptomic of plasma cells (especially plasma blasts); Differentiation into short- and long-lived plasma cells; Plasma cells producing autoantibodies; What is the role or function of FcγR2b during the germinal center formation?

- Kathryn Payne
- Padmavathy Ramanarayanan
- Michael Schmidt
- Antonia Niedobitek
- Niena Gleußner

Table 2 - B Cell Memory

moderated by **Anja Hauser and Thomas Winkler**

What are the clonal relationships of memory B cells and antibody secreting plasma cells and what do we know about re-entry of memory B cells into germinal centers upon a second antigenic challenge, i.e. are we safe for a SARS-CoV-3 pandemic after vaccination?

- Violeta Block
- Eirini Sevdali
- Rebecca Cornelis
- Bettina Röder

Table 3 - Metabolism

moderated by **Julia Jellusova and Dirk Mielenz**

Immunometabolism of different mature B-cell subsets and Signaling

1. Immunometabolism of different mature B-cell subsets.

What metabolic profile do germinal center B cells and plasma cells have (are there any controversies, how can we resolve them and is there any literature on this)? What is known about the metabolism of marginal zone B cells?

2. Signaling functions of metabolites

How can metabolites affect cell signaling?

- Sophia Urbanczyk
- Asylkhan Rakhymzhan
- Katharina Pracht
- Timm Amendt

Table 4 - Cell Sorting

moderated by **Wolfgang Schuh and Hyun-Dong Chang**

Definition, identification and isolation of human and mouse memory B cells

- Jens Wittner
- Andrea Maul-Pavicic
- Paul Haase
- Marta Ferreira-Gomes

Table 5 - Human Neutralizing Antibodies

moderated by **Raluca Niesner and Hans-Martin Jäck**

How to generate human neutralizing Antibodies against viruses?

- Huda Jumaa
- Valerio Renna
- Kathrin Kläsener
- Ellen McAllister