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## **Immunologie Grundkenntnisse für Kliniker, Fortbildung 1**

### **Das Komplementsystem**

Themen:

- Funktionen und Regulation des Komplementsystems
- Moderne Komplementanalytik
- Das Komplementsystem in der Antikörper-basierten Therapie

Referenzen:

- Complement System Part I: Molecular Mechanisms of Activation and Regulation. Merle NS, Church SE, Fremeaux-Bacchi V, Roumenina LT. Front Immunol. 2015;6:262.
- Complement System Part II: Role in immunity. Merle NS, Noe R, Halbwachs-Mecarelli L, Fremeaux-Bacchi V, Roumenina LT. Front Immunol. 2015;6:257.
- Are complement deficiencies really rare? Overview on prevalence, clinical importance and modern diagnostic approach. Grumach AS, Kirschfink M. Mol Immunol. 2014;61:110.
- Complement in therapy and disease: Regulating the complement system with antibody-based therapeutics. Melis JP, Strumane K, Ruuls SR, Beurskens FJ, Schuurman J, Parren PW. Mol Immunol. 2015;67:117.