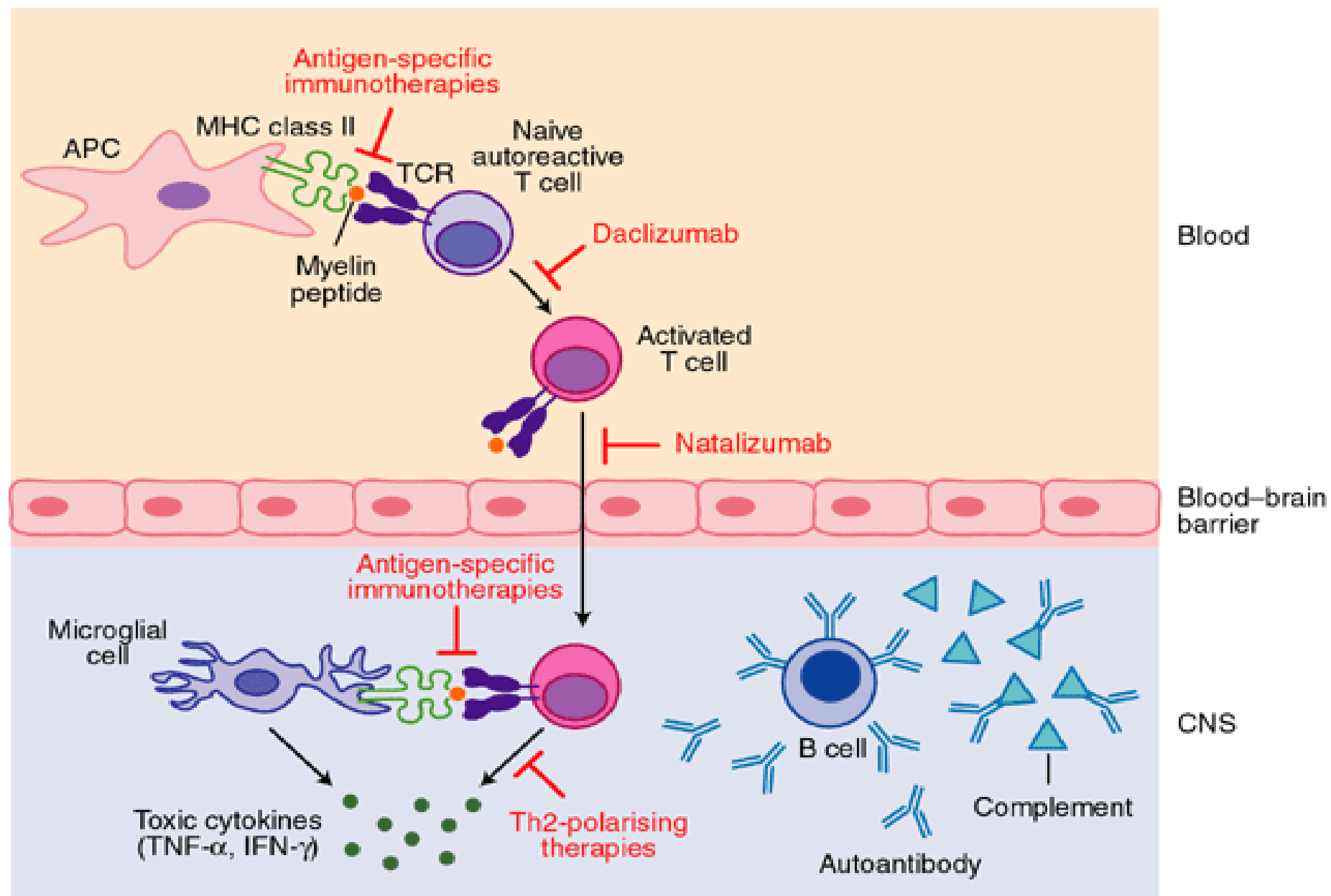


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Natalizumab – an Overview

Natalizumab – the basics

- A monoclonal antibody against CAM α_4 -integrin.
 - Prevents inflammatory cell migration across the BBB and from GI absorption
 - USES: MS and Crohns
 - Efficacy: ↓Relaspse in MS symptoms by 68% compared to placebo
 - Administration: IV every 28 days



The pathogenesis of multiple sclerosis (MS) and points of therapeutic intervention

Natalizumab – Indications / Contraindications

- Indicated as a MONOtherapy for MS
 - As opposed to combination therapy with interferon beta-1a (IB1A)
 - SI: PML (approved by FDA in 2004, quickly removed, then returned in 2006.
 - PML – often fatal, caused by JC Virus