

## Piroplasmen, Apikomplexa, Babesien, Babesien – Therapie, Koinfektion mit Babesien, weitere Protozoen

### Piroplasms, Apicomplexa, Babesia, Babesia - therapy, co-infection with Babesia, other protozoa

**Babesien (Babesia) sind in Erythrozyten von Wirbeltieren parasitierende einzellige Krankheitserreger, Protozoen vom Stamm der Apicomplexa. Sie produzieren infektiöse Sporozysten oder Oozysten und durchlaufen einen charakteristischen Generationswechsel, bei dem sich geschlechtliche und ungeschlechtlich vermehrende Zellen abwechseln.**

**Bekannte Vertreter sind die Malaria-Erreger der Gattung Plasmodium sowie Toxoplasma gondii, der Erreger der Toxoplasmose, Babesien, Kokzidien, Leishmanien etc..**

**Babesia (Babesia) are parasitic protozoan pathogens living in erythrocytes of vertebrates. They belong to the tribe of Apicomplexa. They produce infectious sporocysts or oocysts, and undergo a characteristic change of generations, with alternating sexual and asexual proliferating cells. Well-known representatives are the malarial parasites of the genus Plasmodium and Toxoplasma gondii, the causative agent of toxoplasmosis, Babesia, Coccidia, Leishmania etc..**

<http://www.kabilahsystems.de/toxoplasmen.pdf>

<http://www.xerlebnishaft.de/antibiosetherapie.pdf>

#### Babesien

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- ➔ **Life cycle of Babesia microti** <http://youtu.be/JOakxoorjoQ>  
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## Babesien – Therapie

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**Blood Products Advisory**. Committee Meeting May 13, 2015 Great Room, Building 31 FDA White Oak Campus 10903 New Hampshire Ave. Silver Spring, MD  
**Topic I: Strategies for Implementation of Antibody and Nucleic Acid-based testing for Babesia microti in Blood Donors.**

<http://www.fda.gov/downloads/advisorycommittees/committeesmeetingmaterials/bloodvaccinesandotherbiologics/bloodproductsadvisorycommittee/ucm446274.pdf>

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## Leishmanien und andere Protozoen

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v.Stebut E, Boecken G, Sunderkötter C, Bogdan C (2016) Kutane Leishmaniasis. *Deutsches Ärzteblatt*. 113(15), C596-C599

Medikamente bei Leishmaniosis z.B.: **Fluconazol, Azole, Amphotericin i.v., Antimon i.v. Metronidazol, Cotrim, Rifampicin**

- ➔ **Apicomplexa z.B.: Coccidia; Toxoplasma, Cryptospora, Isospora, Plasmodia, Babesia, Protomyxzoa rheumatica, "Sporentierchen, Sporozoen"**  
<http://www.kabilahsystems.de/toxoplasmen.pdf>

## Infiltrierend destruierende Neoplasmen

- ➔ **Borreliose und Ko-Infektionen, Vasculitis / Inflammation, Lymphom, Neoplasma**  
[http://www.xerlebnishaft.de/borrel\\_inflam\\_lymphom\\_neopl.pdf](http://www.xerlebnishaft.de/borrel_inflam_lymphom_neopl.pdf)
- ➔ **Krebsstammzelltherapie** <http://www.xerlebnishaft.de/krebsstammzelltherapie.pdf>

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