

Newsletter 06/2019

We are pleased to welcome you to the monthly BattLab newsletter. This newsletter will bring you the latest news and information about our laboratory and all tests that we can offer to all our clients.



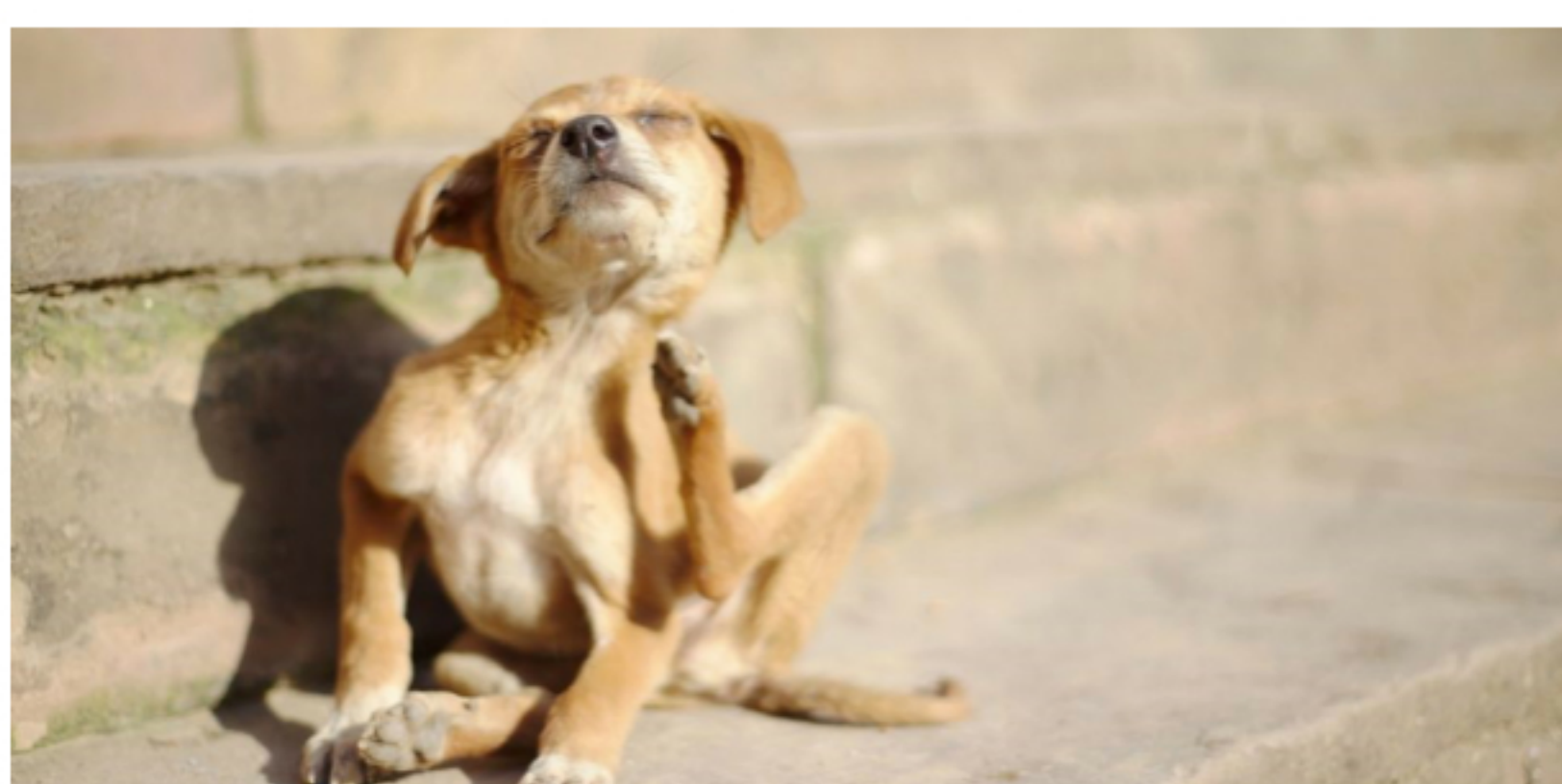
BATTLAB SEMINARS – AN UPDATE

Thanks to all the vets who joined us last month for the second of our 2019 evening seminars, which was focused on **the diagnostic approach to liver diseases** and was given by our colleague Selda Curtseit. Below is a short summary of one of the talks with the main key points.

Next BattLab evening seminar will be held on September 21st and will be about urinalysis. Details will follow in next newsletters.

DIAGNOSTIC APPROACH TO LIVER DISEASES – a few take home messages:

[Read more](#)



DERMATOLOGY CORNER

The success of Immunotherapy highly depends on choosing the right Serological allergy tests.

IgE serology tests are used to select allergens to formulate Allergen-specific immunotherapy (ASIT). False positive results may affect the composition of the ASIT and treatment efficacy. At BattLab, we use the Heska allergy tests in order to avoid the problem of false-positive results in IgE serological assays. This is possible by:

1. **Using a unique recombinant fragment of the extracellular portion of the human high-affinity IgE receptor alpha-subunit (FcεRIα)** (Heska Allercept) that has shown a strong affinity for canine IgE and avoid the potential problem of cross-reactivity with IgG. IgE are the specific antibodies related to hypersensitivity and are the only ones relevant for the evaluation of the allergic response. The specificity of the IgE detecting reagent is critical. The binding strength and avidity of the Fc-ε receptor for IgE are one of the strongest found in nature, assuring the sensitivity and specificity of these tests.
2. **Detecting IgE against CCDs (Carbohydrate Cross-reacting Determinants).** CCD-IgE reactions are not allergen-specific; they are not related to clinical disease and produce false multi positive results. They produce very high values of IgE in the tests against pollens and insects. IgE-anti-CCD are clinically irrelevant, but 20 to 37% of grass and venom allergic people and animals develop IgE-anti-CCD.
3. **Blocking IgE anti-CCD.** Once detecting IgE against CCDs by the unique CHO-test (also an Fc-epsilon-receptor test), a new test is run with the blockage of the CCD-IgE reaction. This blockage allows that only the relevant IgE are identified, assuring the veracity of the positive results. The ASIT for your patient will be formulated only with useful allergens.

For more information about our allergy tests and immunotherapy don't hesitate to contact us by phone at 0247 632 3275 or by sending an email to admin@battlab.com

ANNUAL POLLEN CALENDAR

Pollen Calendar



Allergen	Jan	Feb	March	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Hazel												
Alder												
Poplar												
Willow												
Beech												
Birch												
Grass												
English plantain												
Rye												
Nettle												
Lamb's quarters												
Mugwort												
Ragweed												
Dandelion												
Sorrel												

Do you want to receive our brand-new pollen calendar? This will be very useful to identify the peak pollen times for different types of plant pollen.

Give us a call at 0247 632 3275 or send an email to admin@battlab.com

Yours sincerely,
The BattLab team

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