Réseau français pour la Santé animale

Created with the aim of **promoting research partnerships between public and private institutions**

Missions: Consultation / Coordination / Cooperation

Working groups (WG):

- WG1 Availability ANMV meetings on therapeutic gaps
- WG2 Emerging diseases (DNC, Covid 19, PPA, Avian influenza)
- WG3 Europe
- WG4 Public-private research partnerships
- WG5 bovine tuberculosis
- WG diagnostics
- WG parasite resistance
- EcoAntibio

Members of the Board: SIMV, ADILVA, AFLABV, IDELE, ITAB, ITAVI, ITSAP, AFVAC, AVEF, SNGTV, Anses/ANMV, CGAAER, DGAL, FNGDS, DGER, ENVA, ENVT, ONIRIS, VETAGROSUP, INRAe, CIRAD, Institut Pasteur, LNCR, Ministère Recherche, Ministère environnement, Races de France, UMPC

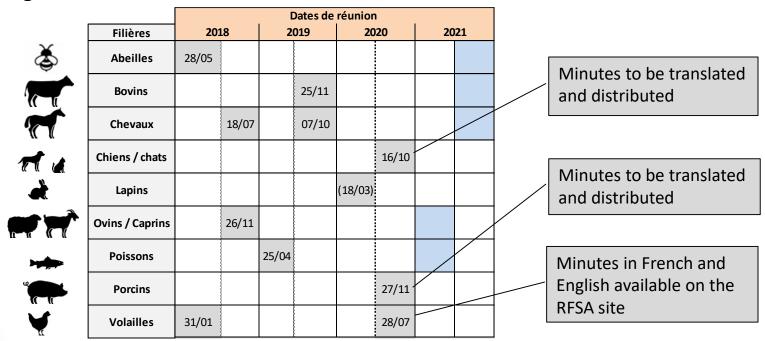


Therapeutic gaps



Recent meetings:

- Poultry sector
- Dog/cat/New pets sector: 1st meeting (8 AFVAC members)
- Pigs sector



Upcoming meetings: Small ruminants and fish to be scheduled in S1 2021

Therapeutic gaps - Poultry sector





Major priorities:

- Management of the effects of viral passages (infectious bronchitis, SIGT, etc.)
 in laying hens: no anti-inflammatory/antipyretic that can be used without
 scrapping eggs (no MRLs registered for aspirin in eggs neither for paracetamol)
- Turkey histomonosis, label and laying guinea fowl and poultry: no VMPs with MA (difficult development of live vaccine)
- Pain management and Animal wellfare for "convenience" procedures (chicken caps, guinea fowl jointing): immunocastration issues, no local anaesthetics, isoflurane?

Minor priorities:

- Coccidiosis in standard chicken (vaccine cost issue)
- Tapeworms in laying hens and repros (no MRL eggs for Praziquantel)
- Aspergillosis in turkeys: enilconazole MRL only in case of topical use for cattle

Currently resolving:

Collibacilosis (autovaccines, Poulvac E coli extension?),
Turkey candidiosis (parconazole WP of 1 day with NVR), viral diseases (autovaccines)

Therapeutic gaps - Dogs/cats/New pets





Major priorities:

- Few non-critical IV injectable antibiotics (e.g. cefalexin, cefazoline)
- Anemia due to deficiency in EPO (darbopoietine to be added to the RP list)
- Analgesia (oral gabapentin)
- Vasoplegic shock (norepinephrine in RP for dental use)
- Anticancer (chlorambucil in hospital prescription)

Others:

New pets: no MA or galenic suitable for 1st line antibiotics, bird chlamydiosis, offlabel sales for fish

Difficulties accessing medicines with restricted prescription (RP) (metronidazole IV, voriconazole, prepidil), anti-cancer, etc.

Unsuitable galenic (clopidogrel, diazoxide) **or packaging** (ATB, EXZOLT, Marek vaccines & coccidiosis)

Minor priorities:

Drug access difficulties (18 gaps including 7 for new pets) **Unsuitable galenics or packaging** (5 gaps including 2 for new pets)

Therapeutic gaps - Pig sector



Major priorities:

- Post-weaning colibacillosis: vaccination of sows without sufficient effect. COLIPROTEC F4/F18 not always effective. Piglet immune protection deficiency window.
 - => colistin and/or ZnO use
- Influenza: current vaccines ± effective => zoonotic risk
- Streptococcus suis: no commercial vaccine.
 - => Use of autovaccines or antibiotics (betalactamins)
- **Others:** *Brachyspira* (no vaccine), neonatal diarrhoea due to *E.coli, Clostridium, Enterococcus* or rotavirus (vaccines ± effective or no vaccines)

Minor priorities:

- Haemophilus parasuis (vaccines ± effective)
- Sows post-partum (stop of SERGOTONINE)
- Genital infections (lack of local ATBs)
- Anaesthetics for castration

Currently resolving:

- Actinobacillosis: a vaccine available, frequent autovaccines and satisfactory ATB
- Leptospirosis: a vaccine (PORCILIS ERY+PARVO+LEPTO) available since 2019
- Ileitis: a new vaccine (PORCILIS lawsonia AMM 2019)

Outlook



2021 meetings (to be scheduled):

- S1: Small ruminants and fish
- S2: Horses, cattle and bees



New:

Impact rating, priorities and risks identification

Communication:

- Distribution on the RFSA website in French and English
- Distribution and interactions with the CSMV
- Current reflections on possible improved presentation for more interactive inventory, information and monitoring of actions