



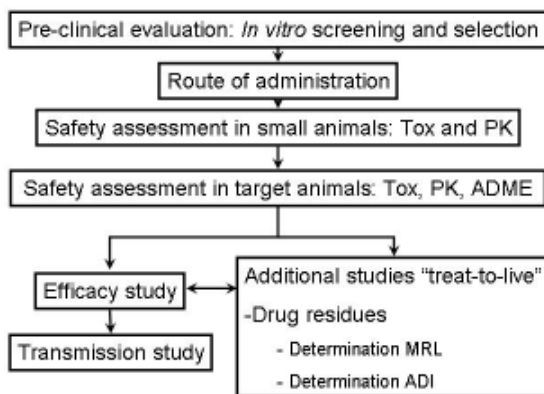
Step-by-step towards antiviral therapy against epizootic diseases

Work package 5.4: Antivirals

Summary of achievements

- General step-by-step pathway for the evaluation of antivirals against important epizootic diseases
- Software for siRNA efficacy evaluation (CIRAD)
- In vivo proof-of-concept:
 - CSFV: BPIP (VAR/AFSSA)
 - FMDV: single domain Llama-antibodies (CVI)
 - PPRV: shRNA (CIRAD)

Step-by-step pathway for antiviral evaluation

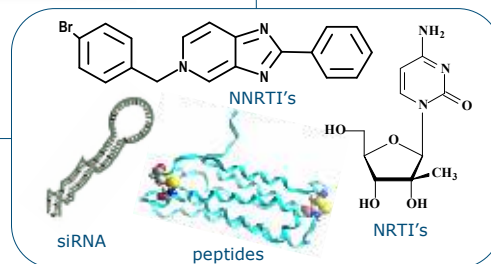


Communication and collaboration

- Theme 5 meeting: El Escorial 23th-24th October
- Communication forms for progress updating
- Int. congress: oral and poster presentations
- Peer-reviewed publications
- Exchange of information and material:
 - FLI - CIRAD/DTU-VET: baculovirus for siRNA-expression
 - CVI - IAH: single domain Llama-antibodies
- Joint animal trials: VAR-AFSSA
- Introduction of joint projects:
 - ASFRISK, CSFV_goDIVA

Future work

- Pestivirus contaminated cell lines: could antivirals do the trick?
- Joint proof-of-concept animal trials:
 - safety
 - efficacy and transmission
- Database *in vivo* results
- Workshop on *in vivo* results
- Collaboration WP's Adjuvants, Vaccines:
 - joint experiments



Work Package participants

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