

Poster Guidelines

15th Minipig Research Forum

Amsterdam 10-12 May 2023

Format and content

The posters should be in A0 format (84 cm wide x 118 cm high) and in color. The content can be either technical (e.g. tips and tricks) or scientific (must contain data). Posters are also accepted from companies supplying material relevant for research and testing using minipigs, e.g. assays kits. Please note that commercial posters without data and/or technical information will be declined.

Submission steps

Step 1

Submit an abstract for the abstract book in word format (see the example below). The abstract should be maximum 350 words. There can be one table or illustration, but the entire abstract must fit into one printed A4 page (portrait format). **Deadline for Step 1 is 17 April 2023.**

Step 2

Submit a pdf version of the actual poster as well as a one-slide PowerPoint presentation for the purpose of a 1-minute oral presentation of the poster during the MRF meeting. **Deadline for Step 2 is 28 April 2023.**

Posters received in pdf before the Step 2 deadline will be included in the poster award competition. The winner will be announced at the MRF meeting and receives 1 free registration to next year's MRF meeting.

Step 3

Bring the poster to the MRF meeting and mount it at the start of the meeting. We will ask you to make a 1-minute oral presentation in English at the poster presentation session on Thursday 11 May 2023.

All submissions should be sent to contact@minipigresearchforum.org. Questions can also be sent to this email address.

Abstract example, illustrating the format

A comparative analysis of human, farm pig and Göttingen Minipig PBMCs for their responsiveness to TLR agonists *in-vitro*

Céline Vaure¹, Christelle Serraille¹, Jean Haensler¹, Caillet Catherine¹, Yuanqing Liu¹

¹ Research and Non-clinical Safety Department, Sanofi Pasteur, France

The pig immune system and its development closely resemble that of humans and the availability of immunological tools in porcine has been greatly improved in the past few years. However, published literature pertains predominantly to farm pigs. In addition, comparative information is sparse between humans, farm pigs and minipigs in terms of immune responses.

To demonstrate that the Göttingen Minipig can be a relevant animal species for vaccine evaluation, an *in-vitro* study was performed to compare the response of PBMC to stimulation by different TLR agonists in farm pigs, minipigs and humans. Cytokine secretion (GM-CSF, IFN- γ , IL-1 α , IL-1 β , IL-1RA, IL-2, IL-4, IL-6, IL-8, IL-10, IL-12, IL-18, TNF- α) was measured using multiplex Luminex, whereas cell proliferation and phenotype were assessed by flow cytometry.

PBMCs from farm pigs, minipigs and humans responded to the TLR agonists for cytokine secretion, with some discrepancies between species