



VetBioNet
Final Conference
7-9 February 2023



Tours — France

Hotel Oceania L'Univers

5 Bd Heurteloup, 37000 Tours

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#	Day 1 - Tuesday February 7th - WP1- Transnational Access (TNA), WP3, WP4.	Indicative time
1.	Registration	08:45 - 09:00
2.	Meeting introduction	09:00 - 09:20
3.	Presentation of the agenda	09:20 - 09:30
4.	WP1 - TNA access Management Norbert Stockhofe (WBVR, NL)	09:30 - 10:00
5.	WP1 - TNA- User Selection Panel (USP) feedback Jan Langermans (BPRC, NI)	10:00 - 10:15
6.	WP1 - Presentation of TNA projects 1. Arnaud Bataille (CIRAD, FR) - <i>online</i> <i>Study of virulence of Peste-des-Petits-Ruminants Virus in relation to variability of host response</i>	10:15 - 10:40 10:15 - 10:40
<i>Break (Coffee, 20 minutes)</i>		<i>10:40 - 11:00</i>
6.	WP1 - Presentation of TNA projects 1. Gaetano Donfrio (UNIPR, IT) <i>Assessment of the immunogenicity of bovine herpes virus 4-based vectors delivering Nipah virus glycoproteins in swine</i> 2. Jean-Claude Sicard (INSERM, FR) <i>Innovative adjunct therapies as alternative strategies to antimicrobial treatment of swine respiratory tract infections</i> 3. Dolores Gavier-Widen (SVA, S) <i>Pathogenesis of African Fever Swine Virus</i>	11:00 - 12:15 11:00 - 11:25 11:25 - 11:50 11:50 - 12:15
<i>Break (Lunch, 90 minutes)</i>		<i>12:15 - 13:45</i>
6.	WP1 - Presentation of TNA projects 4. Caroline Denesvre (INRAE, FR) (B. Kaufer project) <i>In vivo imaging: Unraveling Marek's disease virus entry, tropism and tumorigenesis in chickens</i> 5. Sandrine Lesselier (ANSES, FR) (A. Balseiro project) <i>Experimental infection of Red fox (Vulpes vulpes) with a Mycobacterium bovis strain naturally virulent</i> 6. Lucia Vazquez Salgado (USC, SP) (I. Blandin project) <i>Role of rotifers in betanodavirus transmission to European sea</i>	13:45 - 15:00 13:45 - 14:10 14:10 - 14:35 14:35 - 15:00
7.	WP1 - TNA conclusion Norbert Stockhofe (WBVR, NL)	15:00 - 15:15
<i>Break (Coffee, 20 minutes)</i>		<i>15:15 - 15:35</i>
8.	WP3 - Best practices Hugh Simmons (APHA, UK)	15:35 - 16:20
9.	WP4 - Ethical aspects, 3Rs and social impact Kate Millar (UNOTT, UK)	16:20 - 17:05

#	Day 2 - Wednesday February 8th - VetBioNet Sustainability Workshop	Indicative time
1.	Registration (15 minutes)	08:45 - 09:00
2.	VetBioNet Sustainability Workshop - Introduction	09:00 - 09:15
3.	Presentation of invited stakeholders	09:15 - 10:00
4.	WP2 & WP6 - VetBioNet Preparedness & Sustainability	10:00 - 10:50
	<i>Break (Coffee, 20 minutes)</i>	<i>10:50 - 11:10</i>
5.	Round Table on RI/network sustainability	11:15 - 12:15
	<i>Break (Lunch, 75 minutes)</i>	<i>12:15 - 13:30</i>
6.	ISIDORe - VetBioNet partner activities	13:30 - 14:30
7.	VetBioNet ERG	14:30 - 15:30
	Bus to Amboise - Visit of the town	15:30

Social dinner

#	Day 3 - Thursday February 9th - Joint Research Activities (JRA)	Indicative time
1.	Registration	08:45 - 09:00
2.	Introduction to the joint research activities (JRAs), highlights and challenges Martje Fentener van Vlissingen (EMC, NL)	09:00 - 09:10
3.	WP9 - Development and validation of advanced approaches to monitor and evaluate clinical and pathological outcomes of experimental	09:10 - 10:50
	1. Challenges regarding bioimaging in high biocontainment studies - Josianne Theuns (EMC, NL) <i>Readying for in vivo imaging (IVIS and micro CT)</i> - Mickaël Riou, (INRAE, FR) <i>Repeated decontamination of a confocal microscope</i>	Task 9.3 09:10 - 09:20 09:20 - 09:50
	2. Using molecular tags (in particular mAbs) to interrogate livestock immune responses by phenotyping - Ryan Waters (TPI, UK) - Tina Dalgaard (AU, DK)	
	3. Behavioral and Physiological Monitoring Overview – Lesley Vedder (Noldus, NL) Use cases:	Task 9.2 09:50 - 10:35 09:50 - 10:05 10:05 - 10:35
	- Anne Balkema-Buschmann, (FLI, DE) - <i>online</i> <i>Telemetry options in infectiology – added effort vs added value</i>	
	- Timm Konold (APHA, UK) <i>Infrared thermography application in animal disease research</i>	
	- Francesco Pascoli, Anna Toffan (IZSV, IT) <i>Behavioural monitoring in Sea bass</i>	
	- Rineke de Jong, Norbert Stockhofe (WBVR, NL) <i>Studies in livestock infectious disease research</i>	
<i>Break (Coffee, 20 minutes)</i>		<i>10:50 - 11:10</i>
4.	WP7 - Experimental models for animal infectious diseases	11:10 - 12:15
	1. Esther Blanco (INIA, Spain) - WP7 introduction	11:10 - 11:15
	2. Rodrigo Guabiraba-Brito (INRA, FR) <i>Uncovering the core principles of the gut-lung axis to enhance mucosal immunity in the chicken</i>	Task 7.1 11:15 - 11:30
	3. Daniel Rodríguez-Martin (CISA, INIA-CSIC, SP) <i>Peste des Petits Ruminants Virus (PPRV) infection disrupts Dendritic Cells (DC) response to suppress immunity</i>	Task 7.1 11:30 - 11:45
	4. Julia Vergara (IRTA-CRESA, SP). <i>Pathogenesis of MERS-CoV in llamas and alpacas</i>	Task 7.2 11:45 - 12:00
	5. Susanna Commandeur (WBVR, NL) - <i>online</i> <i>Host environment influences outcome of (co) infection in pigs</i>	Task 7.3 12:00 - 12:15
<i>Break (Lunch, 90 minutes)</i>		<i>12:15 - 13:50</i>
4.	WP7 - Experimental models for animal infectious diseases	13:50 - 14:30
	6. Patricia Díaz-Rosales (CISA, INIA-CSIC, SP) <i>Analyzing the immune response to rainbow trout pathogens</i>	Task 7.4 13:50 - 14:05
	7. Tobias May, (InSCREENeX GmbH, DE) - <i>online</i> <i>Immortalization strategies to establish novel animal in vitro models. What's working and what's not yet working</i>	Task 7.5 14:05 - 14:20
	8. WP7 Questions, Comments, remarks	14:20 - 14:30

5. WP8 - Development of novel analytical tools and reagents to help interrogate the host pathogen interaction		14:30 - 15:30
1. Ryan Waters (TPI, UK) - WP8 introduction		14:30 - 14:35
2. Aude Remot (INRAE, FR) <i>Development of novel transcriptomic analytical tools – focus on the analysis of bovine lung cells infected by Mycobacterium bovis</i>	Task 8.1	14:35 - 14:55
3. Ghislaine Legall-Reculé (ANSES, FR) and Esther Blanco (INIA, SP) <i>Development of rapid assay for differential detection of RHDV genotypes Gl.1 and Gl.</i>	Task 8.4	14:55 - 15:10
4. Paul Stege (WBVR, NL) <i>Porcine respiratory microbiota in relation to PRRSV and S. suis infection</i>	Task 8.3	15:10 - 15:30
<i>Break (Coffee, 20 minutes)</i>		15:30 - 15:50
5. WP8 - Development of novel analytical tools and reagents to help interrogate the host pathogen interaction		15:50 - 16:30
1. Keith Ballingall (Moredun, UK) <i>Development of high throughput genotyping technologies targeting the immunological synapse</i>	Task 8.2	15:50 - 16:10
2. Ryan Waters (TPI, UK) <i>Utilisation of NGS to investigate quasi species distribution of FMDV</i>	Task 8.3	16:10 - 16:30
6. Conclusion - Sascha Trapp (INRAE, FR)		16:30 - 16:40