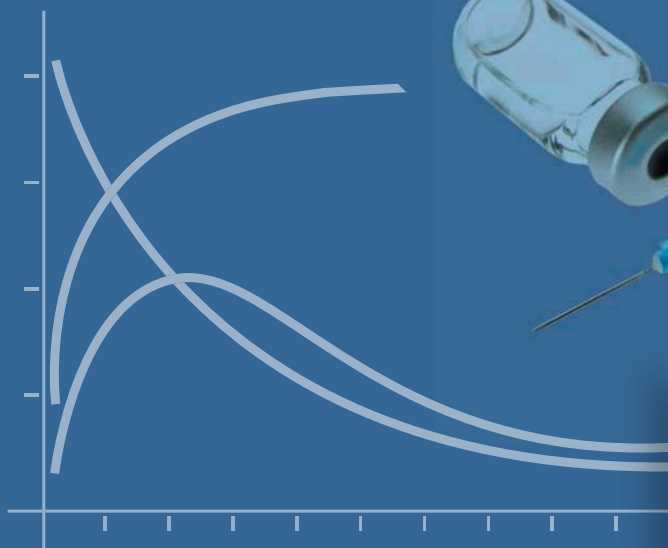


11th International Congress
of the European Association
for Veterinary Pharmacology
and Toxicology
12–16 July 2009



EAVPT
2009

Leipzig, Germany



Programme

WWW.EAVPT2009.DE

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EAVPT 2009
Leipzig, Germany
12–16 July 2009

11th International Congress of the European Association for Veterinary Pharmacology and Toxicology



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A cordial welcome to all researchers and physicians, organizers and speakers, participants and guests at the 11th International Congress of the European Association for Veterinary Pharmacology and Toxicology (EAVPT) in Leipzig!

In recent years our city has succeeded in furthering its time-honored tradition as a place of scientific research in the field of health and medicine. The opening of renowned research institutes such as the Max Planck, Leibniz and Fraunhofer Societies, but also the medical campus on Bayrischer Platz, one of the most modern healthcare complexes nationwide, bear eloquent witness to this fact. Likewise famous worldwide is "Alma Mater Lipsiensis" or Leipzig University, the second oldest in Germany, whose 600-year anniversary is being celebrated this year with countless events and the opening of a spectacular new campus in the heart of the city, designed by Erick van Egeraat. Among the university's

fourteen departments is today's host, the Department of Veterinary Medicine, founded in 1923 following the closing of the Dresden College of Veterinary Medicine. Today it is one of the leading training centers for veterinary medicine in Europe, as officially certified at the end of 2008 by the European Association of Establishments for Veterinary Education (EAEVE).

Ladies and gentlemen, this year Leipzig is celebrating another very special anniversary, and I would like to invite each of you to walk in the footsteps of this historic event. It was exactly 20 years ago that 70,000 people gathered with candles in their hands on Leipzig's Ring Road for a peaceful protest that shook the foundations of East Germany's communist dictatorship, ensuring that our city would go down in history as the harbinger of the fall of the Wall and the cradle of German reunification. Please take time in the next few days to explore the city and soak up the spirit of this Peaceful Revolution. Attend one of the many cultural events on offer, take a stroll through the city center, and discover the friendly and cosmopolitan inhabitants of our city.

I wish the 11th International Congress of the EAVPT much success, and hope that all of its participants may profit from it in their future endeavors.

Yours,

Burkhard Jung
Lord Mayor of the City of Leipzig



Dear Colleagues,

On behalf of the EAVPT, I would like to invite you to join us at our 11th European Association for Veterinary Pharmacology and Toxicology (EAVPT) International Congress to be held July 12-16, 2009 at the Convention Centre Leipzig (CCL) in Leipzig (Germany).

The Scientific Program Committee has assembled an exciting program that provides a venue for discussion of the latest scientific advances in Veterinary Pharmacology and Toxicology. The program has been structured in plenary lectures, round tables, workshops, keynotes and communications in areas that include adverse drug reactions, cardiovascular system, antibiotics/anti-parasitics, toxicology and food safety and drug residues, pain managements, anti-infectives in veterinary medicine, bioequivalence and drug transporters.

Over the past 33 years, EAVPT International Congresses have become the major international forum for researchers, teachers and veterinarians from universities, pharmaceutical companies, clinical practice and government regulatory agencies to share advances of international significance. Our congresses are dedicated to the presentation, promotion and discussion of all matters relating to Veterinary Pharmacology and Toxicology and to promoting scientific and personal contact between individuals from around the world.

We are very grateful to Professor Fritz Ungemuch, as Chairman and all his colleagues in the Local Organizing Committee for the energy and enthusiasm with which they are putting together the scientific program and social congress events for delegates and their companions.

The program has been structured in plenary lectures, scientific sessions with keynotes lectures symposia and workshops by leaders in their respective fields covering recent developments in pharmacology and toxicology relevant to veterinary science. The proceedings will be published in the tradition established by previous congresses as a special supplement to the Journal of Veterinary Pharmacology and Therapeutics (including Toxicology). I have no doubt that this Congress will serve, yet again, as an effective forum to publicise the most recent advances in Pharmacology and Toxicology of relevance to Veterinary Science. Oral and Poster sessions will focus upon recent developments contributed by the general membership in addition to special invitation sessions presented by prominent scientists on their respective fields.

Past meetings of the EAVPT have been a great success with many excellent lectures and keynote addresses being incorporated into the programs. Each year EAVPT is involved in an increasing numbers of successful activities such as workshops combined with the educational role of the European College of Veterinary Pharmacology and Toxicology (ECVPT). These workshops organised by the ECVPT/EAVPT have been well attended particularly by the emerging younger talent in the field of Veterinary Pharmacology and Toxicology coming from universities, the pharmaceutical industry and the agri-food industries as well as international regulatory agencies.

The success of the 11th EAVPT International Congress depends on your active participation and contributions, and therefore, we look forward to seeing you in Leipzig!

Warmest regards,

Professor Arturo Anadón
President of EAVPT



The Faculty of Veterinary Medicine, University Leipzig, welcomes you to the 11th International Congress of EAVPT.

We are glad and proud that EAVPT decided to organise this congress in Leipzig and thank Fritz-Rupert Ungemach, Walther Honscha and their team for taking up the challenge.

This year is remarkable for the University Leipzig due to the anniversary of 600 years of continuous academic research and teaching that is celebrated in 2009. Within the many activities organised in the frame of the anniversary celebration the EAVPT congress, being an international scientific event, highlights the impact of Veterinary Medicine in the concert of university faculties as a research based discipline.

Pharmacology and toxicology are fields of tremendous importance and are absolutely essential for modern veterinary education and practice. Consequently, continuous research of high quality making use of up to date technologies has enabled major progress in understanding pharmacological principles and is the basis for development of new options for treatment and prevention of animal health problems. It goes without saying that progress in veterinary pharmacology and toxicology is of utmost importance for public health e.g. by offering ideas for better control of zoonotic diseases or improving insight into consumer risk associated to toxic components or drug residues in edible tissues and proposing respective measures.

On behalf of the Faculty of Veterinary Medicine I wish all participants and the organising team a successful congress with many interesting presentations and intensive and fruitful discussions stimulating exciting new ideas and collaboration networks to perpetuate excellence in research and further strengthen these essential fields of the veterinary disciplines.

Arwid Daugschies
Dean



Dear Colleagues and Friends,

The general assembly of the 2003 EAVPT meeting in Lisbon decided to hold the 11th International Congress of the European Association of Veterinary Pharmacology and Toxicology in Leipzig, Germany.

We are delighted to welcome you to the 11th EAVPT Congress in Leipzig, one of the most historical German cities, and the home of Bach, Mendelssohn and Bartholdy. Our destination is the superb conference facilities of the Congress Centre Leipzig (CCL) which possesses excellent travel connections to the heart of downtown Leipzig.

The congress is one of the major events in Leipzig in the framework of the exciting 600-year anniversary of the founding of the Universität Leipzig. The university, established on 2 December 1409, is located in the Free State of Saxony, Germany, and is one of the oldest universities in Europe. Since its inception, the university, now with 14 different faculties, has enjoyed an uninterrupted tradition of globally-oriented and academically diverse research and teaching.

The 11th EAVPT congress aims to provide to all professionals in Veterinary Pharmacology and Toxicology the opportunity to exchange and share ideas and experiences in experimental and clinical pharmacology and toxicology. The congress presents the latest breaking scientific evidence through our comprehensive scientific programmes, which cover a wide range of topics by invited lectures as well as abstract based programme.

Highlights of the programme include research themes such as pain management, mechanisms of antibiotic resistance development, environmental toxicology, and modern drug delivery systems and many others. Interesting symposia and workshops will complete the scientific programme.

The congress also means to consolidate existing and establishing new collaborations at well-organized social events in the lively and friendly city of Leipzig. We can profit from the city's rich cultural life, especially arts, literature and its long tradition of music. We guarantee you, you will get an impression of both, the changes and the cultures that originate in Leipzig.

We warmly welcome you to Leipzig for the 11th International Congress of the EAVPT and we wish all of us interesting and fruitful days with top-class presentations, exciting discussions and positive impressions.

Fritz-Rupert Ungemach
Chairman, 11th EAVPT International Congress

Coccidiosis

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Vice-Chairman 10th EAVPT Congress (Italy)

Carlo Nebbia
 Giovanni Re

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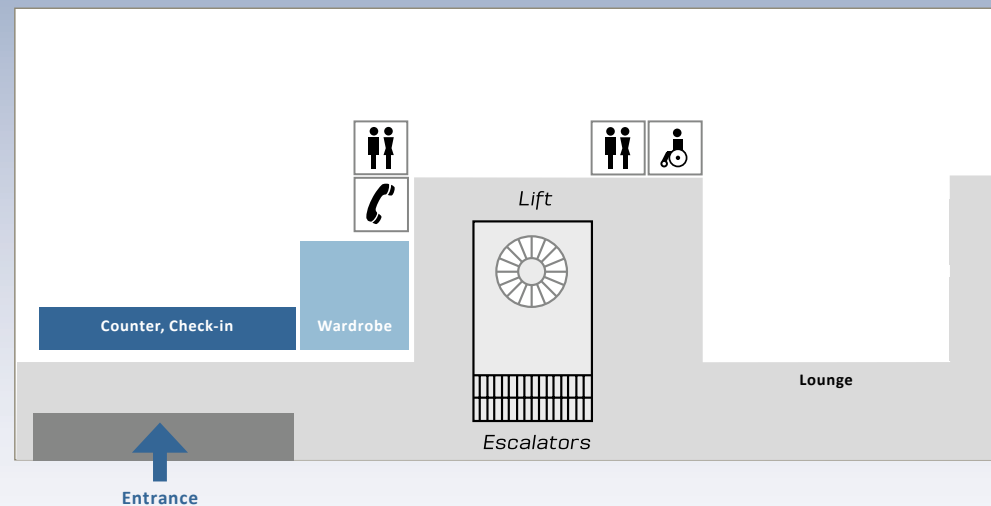
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 Claudia Zizzadoro

SCIENTIFIC COMMITTEE

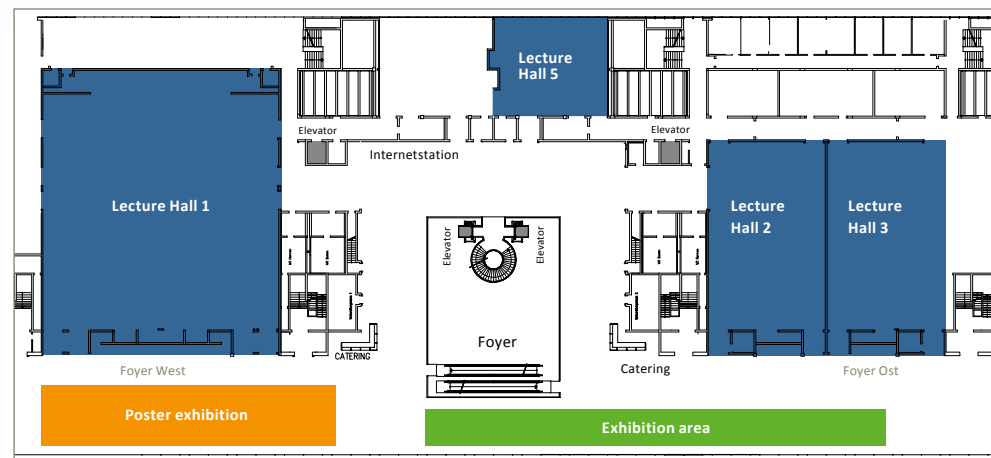
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 Carlos van Peteghem (Belgium)

FLOOR -1



FLOOR +1



MONDAY

TIME	HALL 1	HALL 2	HALL 3	HALL 5
09:00–10:30 am	Opening ceremony			
10:30–10:50 am	Coffee break			
10:50–11:30 am	Plenary lecture			
11:30 am–12:15 pm	Plenary lecture			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Antiparasitics	Antibiotics	Toxicology
03:00–03:30 pm	Coffee break			
03:30–04:30 pm	Poster session			
04:30–06:00 pm		Bioequivalence	Antibiotics	
08:00 pm	Short walking tour of Leipzig			

TUESDAY

TIME	HALL 1	HALL 2	HALL 3	HALL 5
09:00–11:00 am		Antibiotics	Food safety and drug residues	Drug metabolism
11:00–11:30 am	Coffee break			
11:30 am–12:15 pm	Plenary lecture			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Antiinfectives in Veterinary Medicine	Environmental toxicology	
03:00–03:30 pm	Coffee break			
03:30–04:30 pm	Poster session			
04:30–06:00 pm		Antibiotics	Pain management	Mycotoxins
07:00 pm	Evening in the Zoo Leipzig			

WEDNESDAY

TIME	HALL 1	HALL 2	HALL 3	HALL 5
09:00–10:45 am		Respiratory tract	Pain management	Various
10:45–11:30 am	Coffee break			
11:30 am–12:15 pm	Plenary lecture			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Immunopharmacology	Pain management	Drug Transporter
03:00–03:30 pm	Coffee break			
03:30–04:15 pm	Poster session			Round table
04:15–05:15 pm				General assembly of the EAVPT
05:15–06:15 pm				EAVPT board meeting
	Free evening			

THURSDAY

TIME	HALL 1	HALL 2	HALL 3	HALL 5
09:00–10:15 am		Regulatory affairs	Clinical pharmacology	Adverse drug reactions
10:15–11:00 am	Plenary lecture			
11:00–11:30 am	Coffee break			
11:30 am–12:15 pm	Poster session			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Cardiovascular system	Risk assessment	Toxicology
03:00–03:30 pm	Coffee break			
03:30–04:15 pm	Plenary lecture			
04:15–05:15 pm	Closing ceremony			
08:00 pm	Farewell party at Moritzbastei			

TIME	HALL 1	HALL 2	HALL 3	HALL 5
09:00–10:30 am	Opening ceremony			
10:30–10:50 am	Coffee break			
10:50–11:30 am	Plenary lecture: Risk perception and risk communication of food safety <i>Ragnar Löfstedt (UK)</i>			
11:30 am–12:15 pm	Plenary lecture: Future of veterinary drug regulations <i>David Mackay (EMEA, UK)</i>			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Antiparasitics Keynote lecture: Pharmacological challenges to achieve a sustainable anthelmintic control in ruminants <i>Carlos Lanusse (ARG)</i>	Antibiotics Keynote lecture: Alternatives to antibiotics <i>Johanna Fink-Gremmels (NL)</i>	Toxicology Keynote lecture: Biomarkers of toxicity <i>Hanspeter Naegeli (SUI)</i>
03:00–03:30 pm	Coffee break			
03:30–04:30 pm	Poster session			
04:30–06:00 pm		Bioequivalence Workshop Elanco	Antibiotics Keynote lecture: MRSA and antibiotics use in veterinary medicine in Asia <i>Yong Ho Park (KOR)</i>	
08:00 pm	Short walking tour of Leipzig			

HALL 1

09:00–10:30 AM OPENING CEREMONY

Clarinet quartet „Vivus“

Welcome address

Prof. Dr. Arturo Anadón, President of EAVPT

Welcome address

Prof. Dr. Werner Zwingmann, Chief Veterinary Officer

Welcome address City of Leipzig

Clarinet quartet „Vivus“

Welcome address

Prof. Dr. Franz Häuser, Rector Universität Leipzig

Welcome address

Prof. Dr. Arwid Dausgchies, Dean Faculty of Veterinary Medicine, Universität Leipzig

Clarinet quartet „Vivus“

Welcome address

Prof. Dr. Fritz Rupert Ungemach, Chairman 11th EAVPT International Congress

Clarinet quartet „Vivus“

10:30–10:50 AM COFFEE BREAK

10:50–11:30 AM PLENARY LECTURE

Risk perception and risk communication of food safety
Ragnar Löfstedt (UK)

11:30 AM – 12:15 PM PLENARY LECTURE

Future of veterinary drug regulations
David Mackay (EMEA, UK)

12:15–01:30 PM LUNCH BREAK

HALL 2

01:30–03:00 PM ANTIPARASITICS

Chairs: *Q. McKellar, C. Zizzadoro*

Keynote lecture:

Pharmacological challenges to achieve a sustainable anthelmintic control in ruminants
Carlos Lanusse (ARG)

P-glycoprotein modulation modifies ivermectin pharmacokinetics and its efficacy against resistant nematodes in lambs

A. Lifschitz

Comparative plasma dispositions and bioavailability of ivermectin following oral and pour-on administration in horses

C. Gokbulut

Parasitic SLO-1 in *Caenorhabditis elegans* is a receptor for emodepside

A. Harder

Materno-fetal exchange of moxidectin after its intravenous administration in pregnant sheep

R. Pérez

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03:00–03:30 PM COFFEE BREAK

03:30–04:30 PM POSTER SESSION IN EXHIBITION AREA

04:30-06:00 PM WORKSHOP – BIOEQUIVALENCE

Overview of EU bioequivalence guidance

K. Törneke

Introduction to upcoming BE workshop: Reason and challenges

M. Martinez

Global efforts regarding bioequivalence – Who is doing what?

*R. Hunter***HALL 3****01:30-03:00 PM ANTIBIOTICS**Chairs: *P. L. Toutain, S. De Boever***Keynote lecture:****Alternatives to antibiotics****Johanna Fink-Gremmels (NL)**

Octenidine dihydrochloride – A new antiseptic agent for use in veterinary medicine

M. Braun

Pharmacodynamics of tulathromycin in vitro and ex vivo against calf pathogens

*J. Illambas*Influence of inoculum size and dosing regimen on the selection of marbofloxacin resistant mutants in experimental rat *Klebsiella pneumoniae* lung Infection*A. S. Kesteman*Ex vivo pharmacokinetics/pharmacodynamics intergration of cefquinome against *E. coli* in pig serum*Y. Dawei*

03:00–03:30 PM COFFEE BREAK

03:30–04:30 PM POSTER SESSION IN EXHIBITION AREA

04:30-06:00 PM ANTIBIOTICSChairs: *J. Fink-Gremmels, R. Odore***Keynote lecture:****MRSA and antibiotics use in veterinary medicine in Asia****Yong Ho Park (KOR)**

Determination of ceftiofloxacin concentrations in lung extracellular fluid of pigs by microdialysis and comparison with ceftiofloxacin concentrations in bronchial secretions, lung tissue and blood

A. S. Croneberger

Mechanistic modeling of the saturable absorption and organ clearance of oral amoxicillin in pigs

J. R. E. del Castillo

Plasma and urine concentration of marbofloxacin in cats

*M. Hoffmann***HALL 5****01:30-03:00 PM TOXICOLOGY**Chairs: *M. Dacasto, A. Moreira***Keynote lecture:****Biomarkers of toxicity****Hanspeter Naegeli (SUI)**

Zink oxide as marker for drug concentration profiles in GI-segments

*C. Friis*Effects of illicit dexamethasone and 17 β -oestradiol on the expression of hepatic and testicular bovine responsive genes*V. Zancanella*

Effects of dioxin-like compounds and aryl-hydrocarbon receptor agonists on target gene expression in cultured blood lymphocytes from cattle

*F. Girolami*Proteomic investigations to detect possible biomarkers of exposure to 17 β -estradiol in veal calves*D. Bertarelli*

03:00–03:30 PM COFFEE BREAK

03:30–04:30 PM POSTER SESSION IN EXHIBITION AREA

08:00 PM SHORT WALKING TOUR OF LEIPZIG

TIME	HALL 1	HALL 2	HALL 3	HALL 5
09:00–11:00 am		Antibiotics Keynote lecture: Plasma vs. tissue concentrations to predict antibiotic efficacy <i>Pierre Louis Toutain (FRA)</i>	Food safety and drug residues Keynote lecture: Biomarkers for tracing illicit use of growth-promoting agents in food producing species <i>Carlo Nebbia (ITA)</i>	Drug metabolism
11:00–11:30 am	Coffee break			
11:30 am–12:15 pm	Plenary lecture: Epigenetics DNA-damage and repair <i>Moshe Szyf (CAN)</i>			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Antiinfectives in Veterinary Medicine Workshop Bayer	Environmental toxicology Keynote lecture: Veterinary drugs in the environment: Current knowledge and challenges for the future <i>Gerd Hamscher (GER)</i>	
03:00–03:30 pm	Coffee break			
03:30–04:30 pm	Poster session			
04:30–06:00 pm		Antibiotics Keynote lecture: Antimicrobials, including coccidiostats in poultry <i>Arturo Anadon (ES)</i>	Pain management Keynote lecture: Neuronal mechanisms of joint pain <i>Hans-Georg Schaible (GER)</i>	Mycotoxins Keynote lecture: Mycotoxins – a major problem for animal and human health? <i>Gisela Degen (GER)</i>
07:00 pm	Evening in the Zoo Leipzig			

HALL 1

11:30 AM – 12:15 PM PLENARY LECTURE

Epigenetics DNA-damage and repair
Moshe Szyf (CAN)

12:15–01:30 PM LUNCH BREAK

HALL 2

09:00-11:00 AM ANTIBIOTICS

Chairs: A. Anadon, D. O'Brien

Keynote lecture:

Plasma vs. tissue concentrations to predict antibiotic efficacy
Pierre Louis Toutain (FRA)

Integration and modelling of pharmacokinetic and pharmacodynamic data for oxytetracycline in calves
T. Potter

Pharmacokinetics and pharmacodynamics of florfenicol in calves

P. K. Sidhu

Cefquinome and amoxicillin in goats: PK/PD integration

G. C. Batzias

PK/PD integration of tiamulin and *Actinobacillus pleuropneumoniae*

D. Burch

A PK/PD analysis of the selection of marbofloxacin resistance in *Escherichia coli* in a mouse-thigh infection model

A. A. Ferran

Pharmacokinetic and pharmacodynamic properties of orally administered valacyclovir in an equine herpesvirus type 1 infection experiment

S. Croubels

11:00–11:30 AM COFFEE BREAK

01:30-03:00 PM ANTIINFECTIVES IN VETERINARY MEDICINE

Workshop Bayer

GERMAP 2008 – Resistance monitoring in Germany: Antibiotic use and occurrence of resistance in human medicine

M. Kresken

GERMAP 2008 - Resistance monitoring in Germany: Antibiotic use and occurrence of resistance in veterinary medicine

S. Schwarz

Use of fluoroquinolones and development of resistance in France and Portugal

P. Sanders

Antimicrobials for veterinary use – regulatory and risk management aspects

K. Törneke

03:00–03:30 PM COFFEE BREAK

03:30–04:30 PM POSTER SESSION IN EXHIBITION AREA

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

POSTER

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04:30-06:00 PM ANTIBIOTICSChairs: *S. Soback, P. Badino***Keynote lecture:****Antimicrobials, including coccidiostats in poultry****Arturo Anadon (ES)**

Clinical efficacy of moxifloxacin for treating rapidly growing mycobacteria (RGM) infections in cats

M. Govendir

Effects of co-administration of mycophenolate mofetile with gentamicin or ceftriaxone on experimentally-induced pyelonephritis in rats

S. Gholizadeh-Soltani

Comparative flubendazole and albendazole capacity to accumulate into hydatid cysts: Drug efficacy assessment

L. Álvarez

Phoxim for the treatment of red fowl mite infestation in laying hens

*J. Heine***HALL 3****09:00-11:00 AM FOOD SAFETY AND DRUG RESIDUES**Chairs: *I. Schmerold, G. Hamscher***Keynote lecture:****Biomarkers for tracing illicit use of growth-promoting agents in food producing species****Carlo Nebbia (ITA)**

Determination of the origin of boldenone in calf urine: Fractionation of the different conjugated forms of boldenone metabolites

C. Van Poucke

The monitoring of individual milk discard times with drug residue screening tests: An in vitro assessment with oxytetracycline

J. R. E. del Castillo

Comparison of an improved multi-plate microbial screening method for antibiotic residues, the Nouws Antibiotic Test, with the New Dutch Kidney Test, using surveillance samples

M. G. Pikkemaat

Evaluation of tetracycline positive slaughter animals with the Nouws Antibiotic Test: Rejection of slaughter animals without confirmatory analysis

M. G. Pikkemaat

Study of colistin depletion in duck tissues after intramuscular and oral administration

Z. Zeng

Dioxins in poultry products: A case study

M. Cardo

11:00–11:30 AM COFFEE BREAK

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01:30-03:00 PM ENVIRONMENTAL TOXICOLOGYChairs: *M. Szyf, F. Caloni***Keynote lecture:****Veterinary drugs in the environment: Current knowledge and challenges for the future****Gerd Hamscher (GER)**

Fate of sulfonamides during anaerobic digestion of manure

S. A. I. Mohring

Cytostatic drugs in canine urine: Comparison of two sample preparation methods

S. A. I. Mohring

Suspected nitrate poisoning in horses associated with feeding

H. H. Oruc

Effects of fenton and ozone on E. coli HB101 and tetM gene in manure samples

M. Cengiz

03:00–03:30 PM COFFEE BREAK

03:30–04:30 PM POSTER SESSION IN EXHIBITION AREA

04:30-06:00 PM PAIN MANAGEMENTChairs: *G. Re, M. Kietzmann supported by Vétoquinol GmbH***Keynote lecture:****Neuronal mechanisms of joint pain****Hans-Georg Schaible (GER)**

The use of three different models to test the efficacy of anti-inflammatory drugs in the horse

A. H. Werrners

Population pharmacokinetic analysis of blood robenacoxib data from two dose confirmation field studies in dogs with osteoarthritis

J. M. Giraudel

In vivo COX-2 selectivity of robenacoxib in a feline tissue cage model of inflammation

L. Pelligand

Analgesic and anti-inflammatory actions of robenacoxib in acute joint inflammation in the dog

V. B. Schmid

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

POSTER

HALL 5

09:00-11:00 AM DRUG METABOLISMChairs: *H. Tjälve, S. Halwachs*

Intestinal biotransformation in sheep. Comparative assessment of phase 1 and 2 metabolic activities in the mucosa of duodenum, jejunum and ileum

G. Virkel

Drug interaction between salinomycin and exogenous adrenaline in dogs

H. Rajaian

Characterization of CYP3A mediated metabolism in the equine liver

H. K. Dimaio Knych

Growth promoter modulation of drug metabolizing enzymes gene expression in primary cultures of cattle hepatocytes

M. Dacasto

Molecular genetic basis for the hepatic glucuronidation deficiency in cats and its implication for the excretion of selected NSAIDs

C. D. van Beusekom

Gene expression and cellular localization of isoenzymes of the CYP2A, CYP2C, CYP2D and CYP2E subfamilies in the intestines and liver in horse

E. Tydén

Metabolism of ketamine in horses – What's new?

A. Schmitz

11:00–11:30 AM COFFEE BREAK

03:30–04:30 PM POSTER SESSION IN EXHIBITION AREA

04:30-06:00 PM MYCOTOXINSChairs: *H. Naegeli, C. Kneuer***Keynote lecture:****Mycotoxins – A major problem for animal and human health?*****Gisela Degen (GER)***

A multi-mycotoxin LC-MS/MS method for feed analysis

S. Monbaliu

Influence of various adsorbents on basic physiological parameters in rats acutely intoxicated by T-2 toxin:

A comparative study

V. Jacevic

Influence of Fusarium toxins on intestinal epithelial cell permeability

*J. Goossens***07:00 PM EVENING IN THE ZOO LEIPZIG****VETIDATA**

VETIDATA – Veterinary Medicinal Information Service for Drug Application, Toxicology and Drug Regulation

A Guide of Drug Usage from University to Veterinary Practice

Drug usage in food producing animals has become an important challenge for veterinarians to safeguard consumers health. To forecast possible risks in animals and humans and thus to protect consumers from hazardous drug residues in food, legal requirements are consistently emerging for selection and usage of drugs by veterinarians. Consequently, the burden and complexity of legal provisions finally restrict and make more difficult the treatment possibilities in those animals. Hence, it has become evident the necessity in establishing a central information system which provides rapid and precise answers to all questions of drug application in animals.

- comprehensive view of available drugs
- register of licensed vaccines
- table of substances for use in food producing animals
- list of substances essential for the treatment of equidae

Veterinary medicinal Information Service for Drug Application, Toxicology and Drug Regulation (VETIDATA) is by itself a unique information centre of the Institute of Pharmacology, Pharmacy and Toxicology of Leipzig University, which competently delivers current information to special legal provisions relevant to veterinary medicine, to pharmacologically active agents, to all veterinary drugs and vaccines licensed in Germany. Furthermore, the system VETIDATA supplies relevant information to problems concerning drug residues.

- diverse search options
- news about veterinary drugs and regulations
- laws and comments
- online lectures for further education
- check lists for use in veterinary practice

Information can be accessed online under the website <http://www.vetidata.de> or by phone or in written form.

VETIDATA uses expert knowledge from different research institutes, pharmaceutical industries, veterinarian's associations, and authorities as well from practitioners.

VETIDATA is a practice-oriented research project in cooperation with the Federal Office for Consumers Protection and Food Safety (BVL).

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<http://www.vetidata.de>

Time	Hall 1	Hall 2	Hall 3	Hall 5
09:00–10:45 am		Respiratory tract Keynote lecture: Inducers of airway epithelial cell death and regulation of mucus hypersecretion <i>Yohannes Tesfaigzi (USA)</i> Keynote lecture: Use of large animal models of obstructive lung disease to identify novel therapeutic targets <i>Fiona Cunningham (UK)</i>	Pain management Keynote lecture: PK/PD integration and modelling of COX-2 inhibitors <i>Peter Lees (UK)</i>	Keynote lecture: REACH – Registration, evaluation, authorization and restriction of chemicals <i>Ursula Gundert-Remy (GER)</i>
10:45–11:30 am	Coffee break			
11:30 am–12:15 pm	Plenary lecture: Perspective and importance of G-protein coupled receptors in clinical pharmacology <i>Martin Lohse (GER)</i>			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Immunopharmacology Keynote lecture: Immunomodulators in dermatopharmacology <i>Wolfgang Bäumer (GER)</i>	Pain management Keynote lecture: Endovanilloids and TRPV-1 receptor <i>Giovanni Re (ITA)</i>	Drug Transporter Workshop
03:00–03:30 pm	Coffee break			
03:30–04:15 pm	Poster session			Round table – teaching veterinary pharmacology and toxicology
04:15–05:15 pm				General assembly of the EAVPT
05:15–06:15 pm				EAVPT board meeting
Free evening				

HALL 1**11:30 AM–12:15 PM PLENARY LECTURE**

Perspective and importance of G-protein coupled receptors in clinical pharmacology
Martin Lohse (GER)

12:15–01:30 PM LUNCH BREAK

03:30–04:15 PM POSTER SESSION IN EXHIBITION AREA

HALL 2**09:00–10:45 AM RESPIRATORY TRACT**

Chairs: J.-C. Desfontis, S. Dhein

Keynote lecture:

Inducers of airway epithelial cell death and regulation of mucus hypersecretion
Yohannes Tesfaigzi (USA)

Keynote lecture:

Use of large animal models of obstructive lung disease to identify novel therapeutic targets
Fiona Cunningham (UK)

Effects of TNF α on the functional response of equine isolated bronchi to β -adrenergic stimulation and mediating role of COX-2

C. Zizzadoro

Isolation, characterization and culture of primary equine bronchial epithelial cells: An in vitro model for pharmacological studies

G. Abraham

Interplay between β 2-adrenergic receptor signalling and cytokine release in the bronchial epithelial cell line 16HBE14o-

S. Oehme

Characterization of β -adrenergic receptors in primary equine tracheal epithelial cells
W. Shibeshi

10:45–11:30 AM COFFEE BREAK

01:30–03:00 PM IMMUNOPHARMACOLOGY

Chairs: F. Cunningham, A. Bousquet-Melou

Keynote lecture:

Immunomodulators in dermatopharmacology
Wolfgang Bäumer (GER)

Barazone decreases skin lesions and pruritis and increases quality of life in dogs with atopic dermatitis: a blinded, randomised, placebo-controlled trial

L. A. Ahlstrom

Effects of Toll-like receptor 2 and 4 activation in equine macrophages ex vivo

J. C. Vendrig

Emergency registration and use of a live recombinant vector vaccine in the eradication of Equine Influenza from Australia

L. Reeve-Johnson

Equine leukocyte activation in response to low-dose endotoxaemia in vivo: Effects of flunixin meglumine
S. R. Bailey

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03:00–03:30 PM COFFEE BREAK

03:30–04:15 PM POSTER SESSION IN EXHIBITION AREA

HALL 3**09:00–10:45 AM PAIN MANAGEMENT**Chairs: *H.-G. Schaible, P. Mills***Keynote lecture:****PK/PD integration and modelling of COX-2 inhibitors****Peter Lees (UK) supported by Pfizer Animal Health**

Efficacy and safety of mavacoxib in the treatment of pain and inflammation associated with degenerative joint disease in dogs presented as veterinary patients

R. Six

Target animal safety studies of mavacoxib in dogs

M. J. Krautmann

Absorption, distribution, metabolism and excretion of mavacoxib in laboratory beagles

S. R. Cox

Population pharmacokinetics (PPK) of mavacoxib in osteoarthritic (OA) dogs

S. R. Cox

Pharmacokinetics and pharmacodynamics of mavacoxib in the dog

P. Lees

10:45–11:30 AM COFFEE BREAK

01:30–03:00 PM PAIN MANAGEMENTChairs: *P. Lees, S. Bailey***Keynote lecture:****Endovanilloids and TRPV-1 receptor****Giovanni Re (ITA)**

Attitude and concern of Italian veterinary practitioners toward management of pain in dogs and cats

G. della Rocca

Inhibitory effects of tepoxalin on COX1/COX2 and 5-LOX in equine whole blood

M. Caruso

Pharmacodynamic properties of salicylate, tepoxalin and ketoprofen in an intravenous LPS inflammation model in broiler chickens

S. De Boever

Modulation of pharmacokinetics of non narcotic analgesics by herbal bio enhancer, trikatu

C. Varshneya

03:00–03:30 PM COFFEE BREAK

03:30–04:15 PM POSTER SESSION IN EXHIBITION AREA

HALL 5**09:00–10:45 AM VARIOUS**Chairs: *M. Kietzmann supported by Vétoquinol GmbH, G. Degen***Keynote lecture:****REACH – Registration, evaluation, authorization and restriction of chemicals****Ursula Gundert-Remy (GER)**

Comparative pathological study of matricaria chamomilla and methadone effects on liver and kidney of morphine dependent rats

M. Khabbaz

Interspecies comparison of oral bioavailability and jejunal permeability of paracetamol in the framework of a veterinary biopharmaceutics classification system

E. Neirinckx

Evaluation of a novel local sustained-release varnish for prevention and treatment of canine dental diseases

E. Lavy

Impact of the formulation on improvement of efficiency and easiness of use of veterinary drugs

N. Calvet (Cebiphar)

10:45–11:30 AM COFFEE BREAK

01:30–03:00 PM WORKSHOP - DRUG TRANSPORTER

The role of ABC transporters in drug absorption and enterohepatic circulation

R. Oude Elferink

Pharmacological implications of MDR transporters on the therapy of epilepsy

H. Potschka

MDR1 mutation in dog breeds and their sensitivity against ivermectin

J. Geyer

03:00–03:30 PM COFFEE BREAK

03:30–4:15 PM ROUND TABLE – TEACHING VETERINARY PHARMACOLOGY AND TOXICOLOGY

Students as producers

J. Elliott

Elaborating dynamic systems simulation courseware for the teaching of veterinary pharmacology

L. Montoya

The veterinary pharmacology curriculum – UK style

F. Cunningham

The veterinary pharmacology curriculum – Aussie style

*P. Mills***04:15–05:15 PM GENERAL ASSEMBLY OF THE EAVPT****05:15–06:15 PM EAVPT BOARD MEETING**06:15 PM **FREE EVENING**

Time	Hall 1	Hall 2	Hall 3	Hall 5
09:00–10:15 am		Regulatory affairs Keynote lecture: Vision 2015 for veterinary medi- cines within in the framework of the eu- ropean technology platform for global animal health <i>Declan O'Brien (B)</i>	Clinical pharma- cology Keynote lecture: Management of feline chronic kidney disease – clinical pharmacology and therapeutics <i>Jonathan Elliott (UK)</i>	Adverse drug reac- tions Keynote lecture: Adverse reactions to veterinary medicinal products: an over- view based on the swedish experience <i>Hans Tjälve (SWE)</i>
10:15–11:00 am	Plenary lecture: The ticking of the biological clock – im- pact on animal ex- periments and safety pharmacology <i>Björn Lemmer (GER)</i>			
11:00–11:30 am	Coffee break			
11:30 am–12.15 pm	Poster session			
12:15–01:30 pm	Lunch break			
01:30–03:00 pm		Cardiovascular system Keynote lecture: Gap junctional inter- cellular communica- tion as a target for cardiovascular phar- macology <i>Stefan Dhein (GER)</i>	Risk assessment Keynote lecture: Toxicology of engi- neered nanomate- rials <i>Carsten Kneuer (GER)</i>	Toxicology
03:00–03:30 pm	Coffee break			
03:30–04:15 pm	Plenary lecture: Veterinary drugs, yesterday, today, tomorrow <i>Lars-Eric Appelgren (SWE)</i>			
04:15–05:15 pm	Closing ceremony			
08:00 pm	Farewell party at Moritzbastei			

HALL 1**10:15–11:00 AM PLENARY LECTURE**

The ticking of the biological clock - Impact on animal experiments and safety pharmacology
Björn Lemmer (GER)

11:00–11:30 AM COFFEE BREAK

11:30 AM–12:15 PM POSTER SESSION IN EXHIBITION AREA

12:15–01:30 PM LUNCH BREAK

03:30–04:15 AM PLENARY LECTURE

Veterinary drugs, yesterday, today, tomorrow
Lars-Eric Appelgren (SWE)

HALL 2**09:00–10:15 AM REGULATORY AFFAIRS**

Chairs: K. Törneke, M. Nürnberger

Keynote lecture:

Vision 2015 for veterinary medicines within in the framework of the European technology platform for global animal health

Declan O'Brien (B)

Elimination of 19-nortestosterone in young sheep following intramuscular administration
I. Schmerold

Impact of generic introduction on antimicrobial usages - A time-series analysis

C. Chauvin

Regulatory aspects concerning the efficacy and safety assessment of veterinary homeopathic products and herbal medicines

A. Golombiewski

11:00–11:30 AM COFFEE BREAK

11:30 AM–12:15 PM POSTER SESSION IN EXHIBITION AREA

12:15–01:30 PM LUNCH BREAK

01:30–03:00 PM CARDIOVASCULAR SYSTEM

Chairs: J. Elliott, G. Abraham

Keynote lecture:

Gap junctional intercellular communication as a target for cardiovascular pharmacology
Stefan Dhein (GER)

Hypothalamic mechanism of sympathetic hyperactivity in rats with myocardial infarction

T. H. Han

Cellular mechanisms activated by cooling: do they potentiate digital venoconstriction in the horse?

H. Zerpa

Amine metabolism by semicarbazide-sensitive amine oxidase modulates endothelial cell function of equine digital vessels

Y. Berhande

Tolerance of spironolactone in healthy beagle dogs

J. Elliott

HALL 3**09:00-10:15 AM CLINICAL PHARMACOLOGY**

Chairs: P. De Backer, W. Bäumer

Keynote lecture:**Management of feline chronic kidney disease – Clinical pharmacology and therapeutics****Jonathan Elliott (UK)**

Topical anaesthetic techniques during castration of male suckling piglets

D. Rittershaus

Pharmacokinetics and perioperative efficacy of ketorolac in cats and dogs undergoing gonadectomy

P. Cagnardi

Ex vivo evaluation of the anti-inflammatory and anti-endotoxic effects of flunixin and ketoprofen in dairy cows

C. Donalisio

11:00–11:30 AM COFFEE BREAK

11:30 AM–12:15 PM POSTER SESSION IN EXHIBITION AREA

12:15–01:30 PM LUNCH BREAK

01:30-03:00 PM RISK ASSESSMENT

Chairs: C. Nebbia, A. Anadon

Keynote lecture:**Toxicology of engineered nanomaterials****Carsten Kneuer (GER)**

Development of a canine in vitro model to study ABC-drug transporter interactions

J. A. Schrickx

Drug resistance in oncology – Drug interactions between antiepileptic and chemotherapeutic drugs

S. Halwachs

Marketing of veterinary medicinal products via the internet – A drug safety problem?

A. Wilke

Pharmacovigilance observations on a recombinant vector vaccine used as part of the eradication campaign for Equine Influenza in Australia

*L. Reeve-Johnson***HALL 5****09:00-10:15 AM ADVERSE DRUG REACTIONS**

Chairs: H. Potschka, C. Lanusse

Keynote lecture:**Adverse reactions to veterinary medicinal products: an overview based on the Swedish experience****Hans Tjälve (SWE)**

CliniPharm/CliniTox: An internet based veterinary drug and poison information system

D. C. Demuth

Risk management activities of regulatory authorities of veterinary medicinal drugs for the containment of antimicrobial resistance – The German perspective

S. Klee

Monitoring the consumption of antibiotics in veterinary medicine in Germany (VETCAB)

P. Hajek

11:00–11:30 AM COFFEE BREAK

11:30 AM–12:15 PM POSTER SESSION IN EXHIBITION AREA

12:15–01:30 PM LUNCH BREAK

01:30-03:00 PM TOXICOLOGY

Chairs: G. Hamscher, R. Villa

Effects of allopurinol on intracellular ATP-content and the reactive oxygen species generation in hypoxic neuro-2a cells

H. Malekinejad

Four-week oral toxicity study of p-nitrophenol, p-aminophenol and p-nitroaniline in rats

X. Zhang

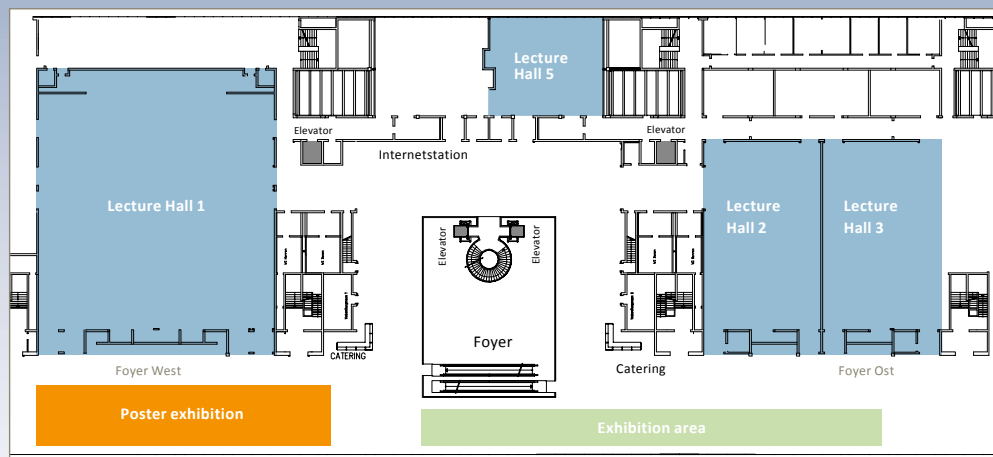
The acute toxicity and reproductive toxicity of p-nitrophenol, p-aminophenol and p-nitroaniline in mice

G. Wang

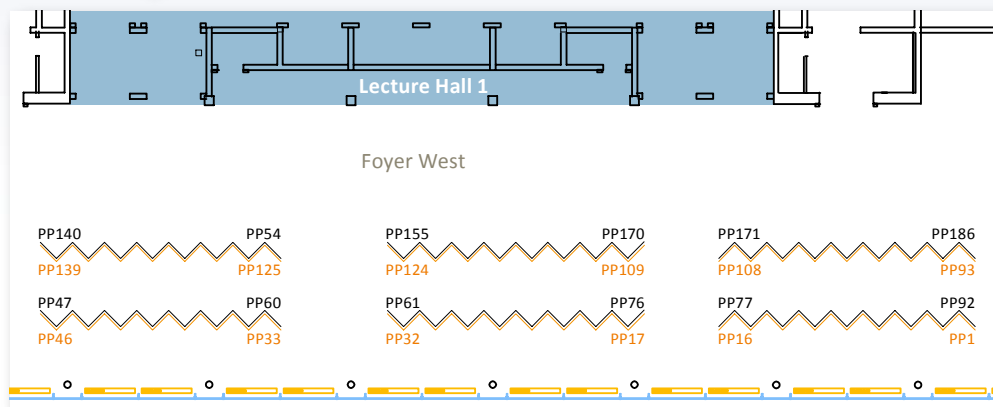
Expression of aryl hydrocarbon receptor gene battery in mammary and mast cell tumours of dogs

*M. Giantin***08:00 PM FAREWELL PARTY AT MORITZBASTEI**

POSTER EXHIBITION AREA – FLOOR PLAN



POSTER EXHIBITION



TIME TABLE

MONDAY	03:30–04:30 PM	PP9–PP17 PP42–PP51 PP83–PP94 PP135–PP145 PP169–PP180
TUESDAY	03:30–04:30 PM	PP18–PP30 PP52–PP59 PP61–PP82 PP95–PP106
WEDNESDAY	03:30–04:15 PM	PP31–PP41 PP107–PP134 PP181–PP183
THURSDAY	11:30 AM–12:15 PM	PP1–PP8 PP60 PP146–168 184–PP187

PP1–PP8 ADVERSE DRUG REACTIONS / RISK ASSESSMENT

- PP1** Overdose acceptance and tolerance of Lantharenol® in adult healthy cats (no167)
B. Schmidt
- PP2** Safety and tolerance of Lantharenol® in adult healthy beagle dogs (no178)
B. Schmidt
- PP3** Effects of oral curcumin on indomethacin-induced small intestinal damage in rats (no233)
A. Menozzi
- PP4** Absence of toxicity of flubendazole administered orally in sows during mating, pregnancy and lactation (no266)
P. Richez
- PP5** Comparative embryotoxicity of albendazole and fenbendazole in rabbits (no332)
B. P. S. Capece
- PP6** New HPLC method for the determination of bromadiolone in chicken eggs (no15)
M. Giorgi
- PP7** Sales and usage of veterinary antimicrobials for food producing animals in Switzerland in the year 2007 (no54)
C. R. Muentener
- PP8** Evaluation of the sales data of „prudent use“ antimicrobials contained in veterinary medicinal products in the Czech Republic, trends and perspectives (no259)
L. Pokludová

PP9–PP40 ANTIBIOTICS

- PP9** Pharmacodynamics of amoxicillin against *Pasteurella multocida* (no64)
G. Delis
- PP10** Experimental clinical mastitis induced by *Streptococcus uberis* in lactating cows (no243)
O. Roy
- PP11** Multiple drug resistance in canine *Staphylococcus intermedius* strains isolated in Italy (no217)
L. Intorre
- PP12** First Italian study on antibiotic resistance in haemolytic *Escherichia coli* strains from wild animals (no173)
V. Botti

PP13 Characterizations of methicillin-resistance *Staphylococcus* (MRS) spp. isolated from animal hospitals in Korea (no288)
B.Y. Moon

PP14 Relatedness of ampicillin resistant *Escherichia coli* strains isolated from pigs during ampicillin treatment (no216)
D. Bibbal

PP15 Pharmacodynamics of amoxicillin in vitro and ex vivo against calf respiratory pathogens (no141)
J. Illambas

PP16 Update on the susceptibility of bacterial strains isolated from otitis externa in dogs to gentamicin, polymyxin B and marbofloxacin (2004-2007) (no75)
D. Rigaut

PP17 Comparative pharmacokinetics of the amoxicillin-clavulanic acid combination in broiler chickens and turkeys after single intravenous and oral administration (no309)
A. Jerzsele

PP18 In vivo investigation of marbofloxacin intestinal secretion: Effects of the efflux transporters in pigs (no326)
M. Laurentie

PP19 Integration and modelling of pharmacokinetic and pharmacodynamic data for marbofloxacin in calves (no74)
T. Potter

PP20 PK-PD modelling of marbofloxacin in the presence and absence of tolfenamic acid in two ruminant species (no124)
P. K. Sidhu

PP21 Efficacy of intramammary treatment with cloxacillin alone or in combination with ampicillin for mastitis caused by penicillin-resistant *S. aureus* (no6)
K. Mustonen

PP22 Pharmacokinetics of chlortetracycline following intravenous administration in healthy chickens (no151)
F. Gamboa

PP23 Disposition of difloxacin and its metabolite sarafloxacin in healthy chickens (no149)
F. H. Suarez

PP24 Pharmacokinetics of cefquinome in lactating cows after intramammary administration in healthy and infected animals (no169)
P. Cagnardi

PP25 Pharmacokinetics of oxytetracycline after multiple doses to pigs (no268)

E. Ramos

PP26 Penetration of enrofloxacin into the nasal secretions in healthy pigs. Relationship between nasal secretions and plasma enrofloxacin concentrations (no40)

C. Cambier

PP27 Bioequivalence of three preparations of enrofloxacin in chickens after a single oral dose administration (no297)

K.-J. Lee

PP28 Gender related differences in the pharmacokinetics of antibacterials in poultry (no81)

L. Lashev

PP29 Pharmacokinetics of oxytetracycline after single oral dose to pigs (no148)

E. Ramos

PP30 Methicillin resistant *Staphylococcus* sp. isolated from donkey's milk in sicily: Preliminary study (no242)

F. Naccari

PP31 Impact of marbofloxacin dosing regimen on intestinal flora in a dixenic rat model with *Klebsiella pneumoniae* lung infection (no241)

A. S. Kesteman

PP32 Lack of transcutaneous passage of gentamicin and miconazole through the skin of the canine ear pinna (no56)

X. Rey-Grobellet

PP33 Comparative pharmacokinetics of metronidazole in rats, pigeons, and turkeys (no253)

M. Switala

PP34 Clinical pharmacokinetics of a florfenicol-tylosin combination after intravenous and intramuscular administration in dogs (no168)

K. E. Young

PP35 Clinical pharmacokinetics of orbifloxacin in beagle dogs after a single intravenous and intramuscular administration (no165)

E. Gebru

PP36 Preliminary kinetic data on flumequine after oral administration to gilthead sea breams (*Spaurus aurata*, Linnaeus 1758) (no146)

I. Ares

PP37 Pharmacokinetics of enrofloxacin and its metabolite ciprofloxacin after intravenous and intramuscular administration in donkeys (no112)

S. Sekkin

PP38 Kinetics of bactericidal activity of gentamicin against *Staphylococcus intermedius* strains isolated from cases of otitis externa in dogs (no77)

D. Rigaut

PP39 Enrofloxacin disposition in aqueous humour of healthy dogs (no39)

A. Haritova

PP40 Impact on the intestinal flora of marbofloxacin parenteral treatment administered continuous or pulsed in piglets (no347)

M. Gicquel-Bruneau

PP41–PP50 ANTIPARASITICS

PP41 Comparative in vitro dermal absorption of moxidectin and doramectin through bovine skin (no30)

J. Sallovitz

PP42 Pharmacological synergism between ethion and cipermetrine in the control of the cattle tick in Venezuela (no158)

E. Ascanio

PP43 Isolation of quassinoids from a medicinal plant, *Brucea javanica* and their in vitro activities against *Trypanosoma evansi* (no53)

S. Bawm

PP44 Comparison of two coccidiostats: Amproplus and a polyether ionophore compound in control of the coccidiosis (no2)

S. Ranjbar-Bahadori

PP45 Influence of obesity on the pharmacokinetics of anthelmintic macrocyclic lactones (MLs) in dogs (no255)

I. Barges

PP46 Effects of several pyrethroids on the activities of cytochrome p450 in rats (no195)

R. Abou-Hatab

PP47 A sensitive automated online SPE-LC-MS/MS method for the quantitative determination of ivermectin B_{1a} in bovine plasma (no70)

M. Boterman

PP48 Bioequivalence of Hippomectin, a hybrid oral ivermectin gel, and Eqvalan paste in the target species horse (no45)

M. A. H. Boezeman

PP49 The effects of different ages and dosages on the plasma disposition and hair degradation of ivermectin following pour-on administration in goats (no31)

C. Gokbulut

PP50 Modulation by levamisole of microfold (M) cells in the ileal Peyer's patch of weaned pigs experimentally vaccinated against colibacillosis (no334)

F. Bozic

PP51–PP69 CLINICAL PHARMACOLOGY

PP51 Evaluation of the effect of topical sylimarin ointment on wound healing process in rat model under heat stress situation (no19)

A. Aliabadi

PP52 ABC-Transporters in intestines, liver and kidney in horse (no82)

P. Larsson

PP53 Hematocrit and blood smears in dogs with *E. canis* and/or *A. platys* in blood following 21 day continuous administration period of doxycycline with or without famotidine (no320)

D. Arrieta-Mendoza

PP54 Catecholamine and cortisol modifications in horses used for equestrian rehabilitation (no261)

P. Badino

PP55 Antimicrobial susceptibility of *Actinobacillus pleuropneumoniae* strains isolated from swine in Northern Italy from 1994 to 2008 (no218)

L. Intorre

PP56 Evaluation of the palatability of flavored ramipril tablets (Vasotop P) in dogs and cats (no65)

L. Horspool

PP57 Exploring the mechanism of renal interstitial fibrosis during renal injury in experimental AAN (no23)

J. Li

PP58 Determination of reference intervals for erythrocytic series and platelets of healthy pigs (no223)

C. Godoy

PP59 Comparison of nebulisation versus intranasal inoculation in experimentally-induced actinobacillosis in pigs (no212)

M. Catala

PP61–PP70 DRUG METABOLISM / DRUG INTERACTIONS

PP60 Comparison of in vitro activities of biotransformation enzymes in human, rabbit, minipig and mouse (no60)

D. Vicente

PP61 Influence of praziquantel on the pharmacokinetics of ceftriaxone in dogs (no338)

R. Moutafchieva

PP62 Pharmacodynamic interaction of acetaminophen and aspirin with trikatu, an ayurvedic herbal bio-enhancer (no190)

C. Varshneya

PP63 Histologic changes in rats and thoroughbred horses with high doses of phenylbutazone and furosemide (no161)

A. Morales

PP64 Pharmacokinetics of tramadol after pre-administration of freeze-dried grapefruit juice in beagle dogs (no18)

M. Giorgi

PP65 Enteric biotransformation pattern of 17 β -boldenone and of androsta-1,4-diene-3,17-dione (ADD) in subfractions of bovine duodenal mucosa (no307)

F. Girolami

PP66 Metabolism of olaquinox in rats, chicken and pigs (no182)

Z. Yuan

PP67 Proposed new nomenclature for cattle cytochromes p450 involved in xenobiotic drug metabolism (no155)

V. Zancanella

PP68 A new rapid procedure to detect by HPLC-FL tramadol and its main metabolites in dog's urine (no63)

S. Del Carlo

PP69 Studies on the presence of natural and synthetic corticosteroids in bovine urine (no340)

C. Ferranti

PP70–PP81 ENVIRONMENTAL TOXICOLOGY / PESTICIDES BIOCIDES

PP70 Rodenticide incidence in birds of prey: Preliminary results of a prevalence study and possible secondary effects (no348)

F. S. Pereira

PP71 Investigation of potential testicular toxicity of subchronic dermally-applied alphacypermethrin in rabbits (no209)

A. Aksoy

PP72 Role of the antigen Bm86 in the reduction of the applications of chemical agents for the control of the ticks in the cattle in the Bolivarian Republic of Venezuela (no152)

E. Ascanio

PP73 Neurotoxicity induced by type II pyrethroids (no140)

V. Castellano

PP74 Acute dermal toxicity of different combinations of some synthetic pyrethroid insecticides, piperonyl butoxide and tetramethrin in rats (no122)

A. Aksoy

PP75 Evaluation of Gabon PA92 in control and treatment of varroasis in honey bee colonies (*Apis mellifera*) (no62)

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PP76 Acute toxicity in wild brown trout (*salmo trutta*) following iron pollution in Dora Baltea river (Aosta Valley, North-Western Italy) (no221)

I. Giorgi

PP77 Possible ecotoxicological hazards of carbofuran in birds (no208)

J. Lehel

PP78 Levels of organochlorine contaminants in blood samples of harbor seal (*Phoca vitulina*) pups from the German North Sea (no199)

M. A. Gonzalez

PP79 The European eel as bioindicator of pollution by organochlorines in a campania region river (Italy) (no132)

G. Della Rocca

PP80 Adsorption and desorption of four aquacultural antibiotics (oxolinic acid, flumequine, oxytetracycline and florfenicol) in natural freshwater sediments (no128)

H. Pouliquen

PP81 Improved thin layer chromatography methodology for anticoagulants detection in animal tissues (no330)

B. Carrapico

PP82–PP116 FOOD SAFETY AND DRUG RESIDUES

PP82 Development of a multiresidue chromatographic method for benzimidazole anthelmintics in hens eggs and plasma. Evaluation of albendazole disopiton (no24)

L. Moreno

PP83 New and sensitive liquid chromatography-tandem mass spectrometry method for confirmation of enrofloxacin and ciprofloxacin in eggs (no193)

L. Palleschi

PP84 Meloxicam in treated dairy cows - residues in milk and milk products (no352)

T. Szprengier-Juszkiewicz

PP85 Terpinen-4-ol as active ingredient of formulations for mastitis prevention and therapy in milk producing animals (no328)

A. M. Ferrini

PP86 Development of ELISA and immunochromatographic assay to detect cephalixin residues in aquaculture fish plasma and tissue and in cow's milk (no299)

D. J. Ha

PP87 High exposure level to dioxin-like carcinogens through intake of commercial milk from the Canary Islands market (Spain) (no204)

M. A. Gonzalez

PP88 Pharmacokinetics and milk penetration of an enrofloxacin long-acting poloxamer 407 gel formulation in lactating goats (no188)

P. Marín

PP89 Pharmacokinetics and milk penetration of enrofloxacin and its metabolite ciprofloxacin after subcutaneous administration to lactating goats (no187)

E. Fernández-Varón

PP90 Investigation of some pesticide residues in raw milk samples collected from Samsun province (no135)

D. Guvenc

PP91 Residue depletion study of amoxicillin in the edible tissues of chickens following continuous dosing of Suramox® 50% OSP in drinking water and determination of the withdrawal period (no111)

X. Rey-Grobellet

PP92 A new one-plate-method for first and second level screening of antibiotic residues in milk (no87)

A. M. Ferrini

PP93 Depletion of diclazuril in poultry following administration of Clinacox® (no35)

L. Van Leemput

PP94 Methods of analysis of the choramphenicol residues in products of animal origin and result of the control of their contents over the period 2002 - 2008 (no263)

I. Kotsumbas

PP95 Application of UPLC®-MS/MS in the determination of drug residues in edible tissues (no317)

C. Maraschiello

PP96 Is liver tyrosine aminotransferase a good marker of dexamethasone misuse in finishing bulls? (no311)

D. Bertarelli

PP97 Characterization of substrates and inhibitors for the in vitro assessment of BCRP mediated drug transport in the lactating mammary gland of dairy cattle (no327)

L. Wassermann

PP98 Illicit treatments with growth promoting agents: A large experiment with low dose dexamethasone in calves shows significant microscopic lesions in thymus and sudden decrease of urine residues (no230)

E. Bozzetta

PP99 Toward the validation of histopathology as a screening method for the detection of oestrogens as growth promoters (no219)

M. Pezzolato

PP100 Comparative tissue residue depletion and plasma pharmacokinetics of closantel in sheep (no201)

S. Croubels

PP101 A sensitive LC-MS/MS method for the separate quantification of gentamicin C1, C1a, C2 and C2a in bovine tissue (no72)

M. Boterman

PP102 Enzyme-linked immunosorbent assay of chloramphenicol in food-stuff (no102)

A. A. Komarov

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SUNDAY, 12 JULY 2009

EAVPT ICEBREAKER AT NEW CITY HALL

Leipzig is a city that combines tradition and scientific advance perhaps more than any other. One of its famous sights is “Neues Rathaus” (“New City Hall”). The seat of Leipzig City Council, was built in around 1900 on the foundations of the former Pleissenburg Castle, the scene of Martin Luther’s 1519 Leipzig disputation.

At **07:00 pm** you’ll be awaited at New City Hall. We invite you for a nice and formless evening to welcome you in Leipzig and to the 11th International Congress of the EAVPT.

Public transport:

Tram no. 9 – stop “Martin-Luther-Ring” or
Tram no. 10/11 – stop “Wilhelm-Leuschner-Platz”

MONDAY, 13 JULY 2009

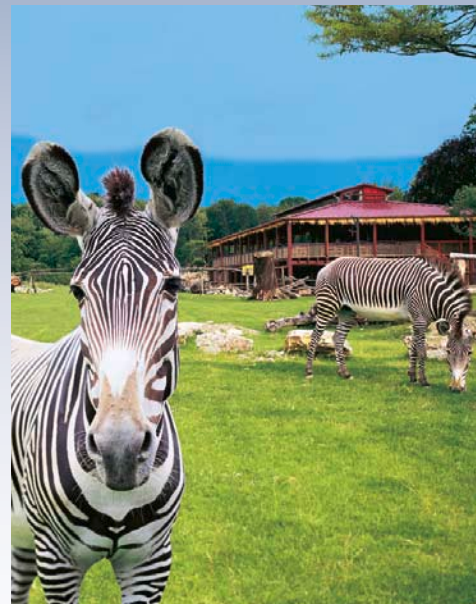
SHORT WALKING TOUR OF LEIPZIG

At **08:00 pm** you will be picked up by a tour guide for a walking tour of the trade-fair town. See the sights of Leipzig, such as St. Thomas Church (where Johann Sebastian Bach worked and is buried), the Mädlerpassage arcade and the Old Town Hall, or enjoy the view from atop the “Cityhochhaus” high-rise. Then stop for a short break at the Arabischer Coffebaum, the oldest café and restaurant in town, before continuing on your walk through the historic city center.

The walking tour is included in the registration fee.

Meeting point:

Seaside Park Hotel Leipzig or The Westin Leipzig



TUESDAY, 14 JULY 2009

EVENING IN THE ZOO LEIPZIG

At **07:00 pm** Dr. Jörg Junold, director of the zoo, will welcome you at the Konzertgarten. Afterwards, you might explore the zoo on your own. The curators of the zoo will be available for providing detailed information and answering your questions at different buildings.

Later, we’ll be awaiting you for dinner at the Kiwara Lodge, where the evening will close with some delightful cuisine, exotic drinks and traditional African music.

Public transport:

Tram no. 12 – stop “Zoo”

THURSDAY, 16 JULY 2009

FAREWELL PARTY AT MORITZBASTEI

Leipzig certainly has a colourful history!

The Moritzbastei is the only remaining part of the city’s old fortifications. Buried beneath debris for decades, in the 1970s students began clearing it and converted it into a club.

Starting at **08:00 pm**, the evening will include some tasty delicacies reflecting regional cuisine as well as entertainment. There is no better way to spend a July evening.

Public transport:

All trams with stop “Wilhelm-Leuschner-Platz” or “Augustusplatz”



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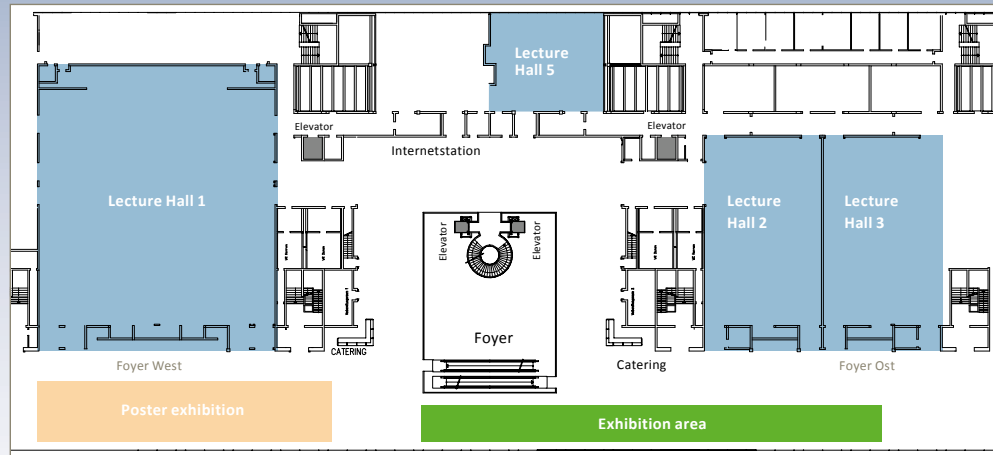
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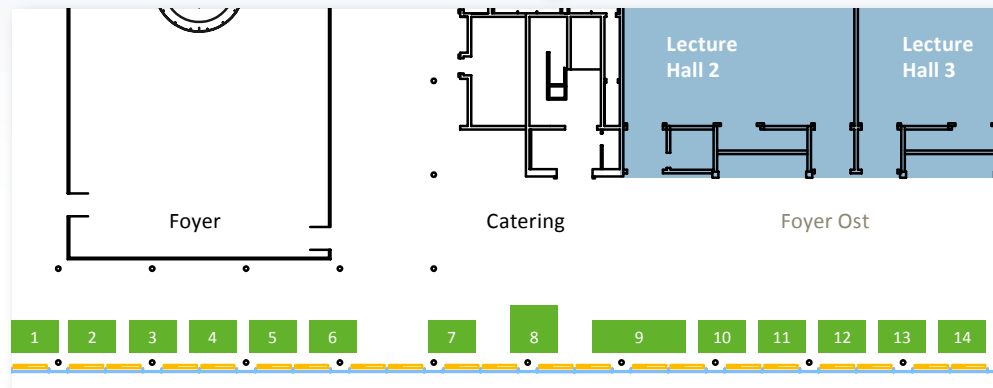
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EXHIBITION AREA – FLOOR PLAN



EXHIBITION



- | | |
|---|--|
| 1 KoVet (Koordinationsstelle für Veterinär-klinische Studien) | 8 Sysmex Europe GmbH |
| 2 EAVPT / ECVPT-Information booth | 9 Intervet/Schering-Plough Animal Health |
| 3 CEBIPHAR | 10 Synelvia SAS |
| 4 AVOGADRO | 11 Harlan Laboratories |
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CONGRESS DATES/ OPENING HOURS REGISTRATION DESK

Sunday	July 12, 2009	03:00 pm–05:30 pm
Monday	July 13, 2009	07:30 am–06:30 pm
Tuesday	July 14, 2009	08:00 am–06:30 pm
Wednesday	July 15, 2009	08:00 am–06:30 pm
Thursday	July 16, 2009	08:00 am–06:30 pm

SPEAKERS PREVIEW

The speakers preview room, lecture hall 8 (level +2), will be open all time during the conference. Please come to the speakers preview room as soon as possible and no later than 30 minutes before your session starts. Presentations will be collected and delivered to the lecture hall via the computer network.

LANGUAGE

The official language of the congress is English.

PARTICIPATION/BADGES

Official congress name tags will be required for admission to all congress functions, scientific sessions and exhibition areas. Individuals who lose their name tags will have to pay a fee of 25 € to obtain a replacement tag.

EXHIBITION INFORMATION

The exhibition of the 11th International EAVPT Congress will be located in the foyer areas of the Congress Center, floor +1.

The exhibition will be open from July 13, 2009 to July 16, 2009, 08:30 am–06:00 pm.

POSTER PRESENTATION

The poster exhibition will be situated in the Conference Center, floor +1. Please refer to the detailed scientific programme for the poster presentations.

Materials for putting up the posters will be provided. Poster presentation times at which the presenter must be available for discussion are scheduled from Monday to Thursday. Posters must be taken down by Thursday evening (July 16, 2009). Please note that posters, which have not been taken off, will be discarded.

PUBLIC TRANSPORT

You are authorized to use public transport (within Leipzig and including airport) with your official congress name tag for the duration of the meeting, 12-17 July 2009.

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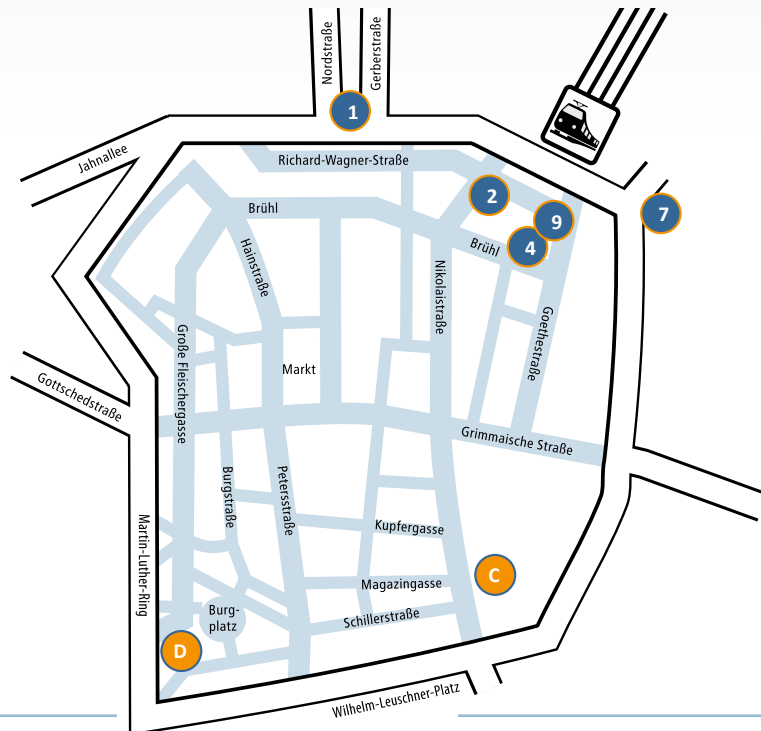
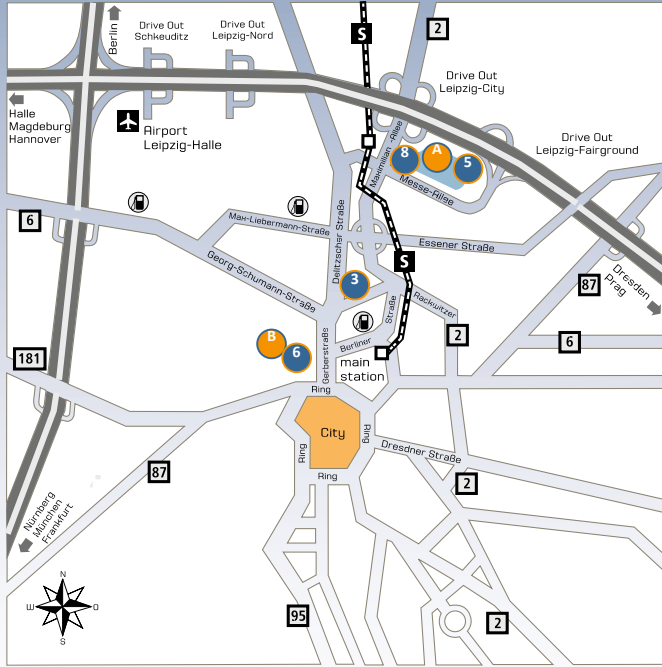


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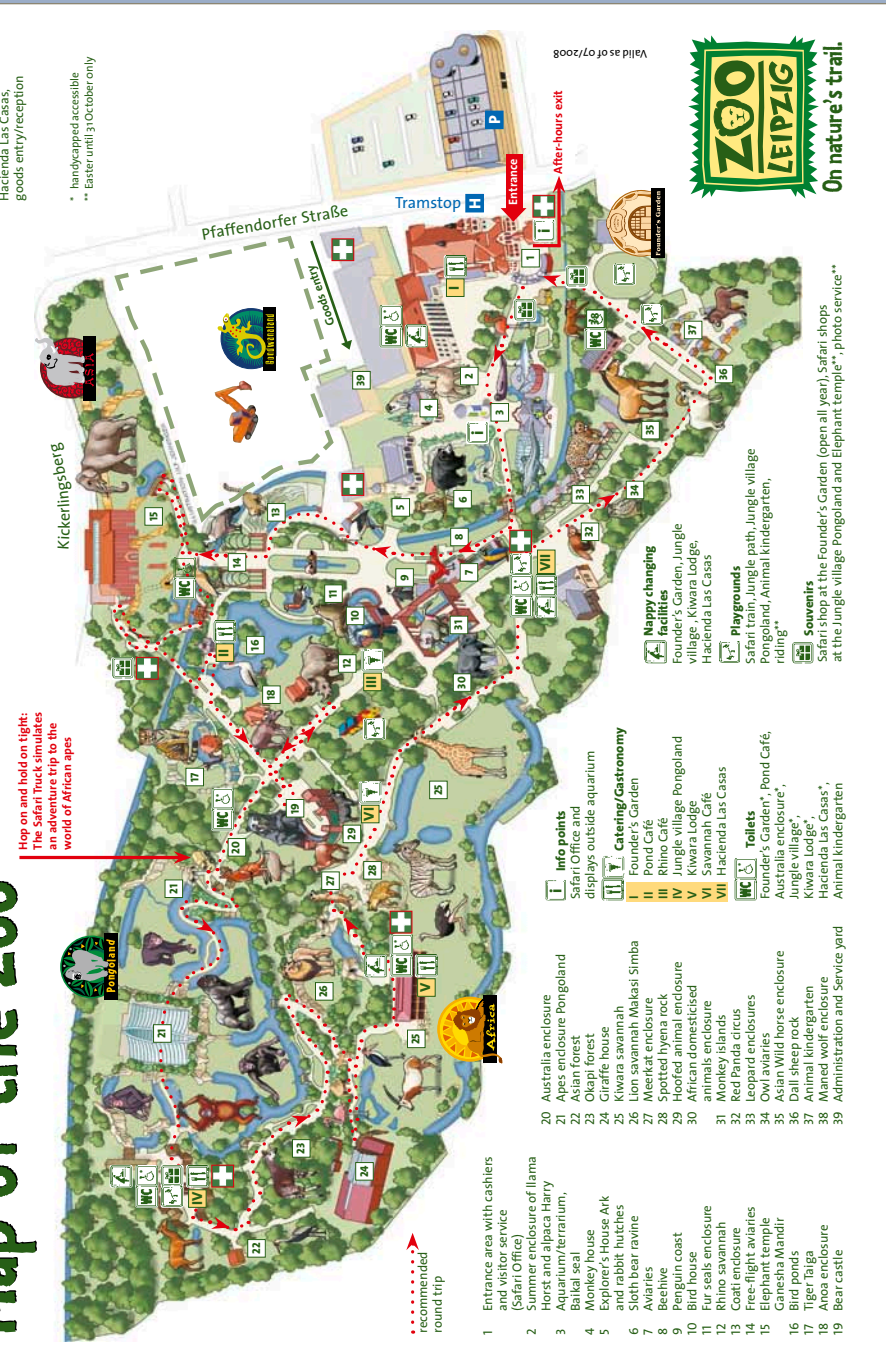
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- 2 Seaside Park Hotel ****
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- 4 ibis Leipzig Zentrum **
- 5 Hotel im Sachsenpark****
- 6 art'otel leipzig city center****
- 7 Victor's Residenz Hotel ****
- 8 NH Leipzig Messe ****
- 9 Novotel Leipzig City ****

LOCATIONS

- A Congress Center Leipzig
- B Zoo
- C Moritzbastei
- D Neues Rathaus



Map of the Zoo



First-Aid-points
Safari Office, Safari Shops
Elephant temple - and
Pongoland - , Kware Lodge,
Pongoland, Kware Lodge,
Pongoland, Kware Lodge,
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- 1 Entrance area with cashiers and visitor service
- 2 Safari Office
- 3 Elephant enclosure of Ilana Horst and alpaca Harry
- 4 Aquarium/terranium, Baikal seal
- 5 Explorer's House Ark and rabbit hutches
- 6 Sloth bear ravine
- 7 Avaries
- 8 Beehive coast
- 9 Penguin enclosure
- 10 Fur seals enclosure
- 11 Rhino savannah
- 12 Coat enclosure
- 13 Free-flight aviaries
- 14 Elephant temple
- 15 Ganesha Mandir
- 16 Bird ponds
- 17 Tiger Taiga
- 18 Anoa enclosure
- 19 Bear castle

- Info points**
Safari Office and displays outside aquarium
- Catering/Gastronomy**
I Founder's Garden
II Rhino Café
III Jungle village Pongoland
IV Pongoland
V Savannah
VI Hacienda Las Casas
- Toilets**
I Founder's Garden
II Jungle village
III Pongoland
IV Hacienda Las Casas
- Animal Kindergarten**



