

**3rd Symposium
on Veterinary Sciences
München – Toulouse - Zaragoza
March 3rd – 6th, 2011**



**Scientific Program
and
General Information**

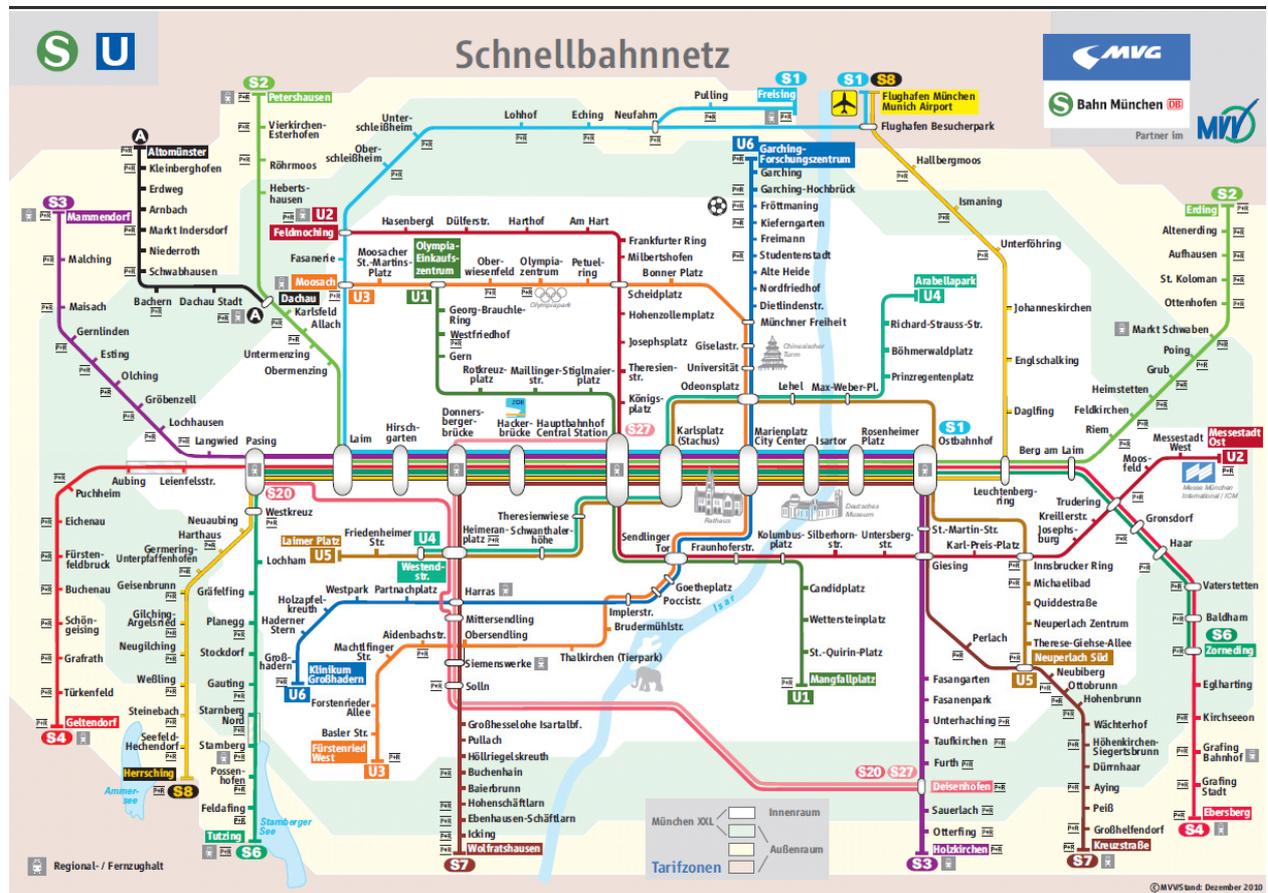
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General information

1. S-Bahn and U-Bahn railway systems:



At the Airport, take the S1 or S8 to “Marienplatz/City Center”,

To University Campus of Veterinary Faculty (Veterinärstraße 13):

From Marienplatz U3 or U6 direction Moosach (U3) or Garching (U6) to “Universität”, from here 5 min foot walk along “Veterinärstraße”, Campus of Veterinary Faculty is at the end of the Veterinärstraße aside the English Garden.
Location of Symposium see below at Campus description.

To Hotel Leopold (Leopoldstraße 119):

From Marienplatz U3 direction Moosach to “Münchner Freiheit”, then change to tramway 23 (only one tramway exists) direction Schwabing, one station to “Potsdamer Straße”, Hotel Leopold vis-à-vis tram station Potsdamer Straße.

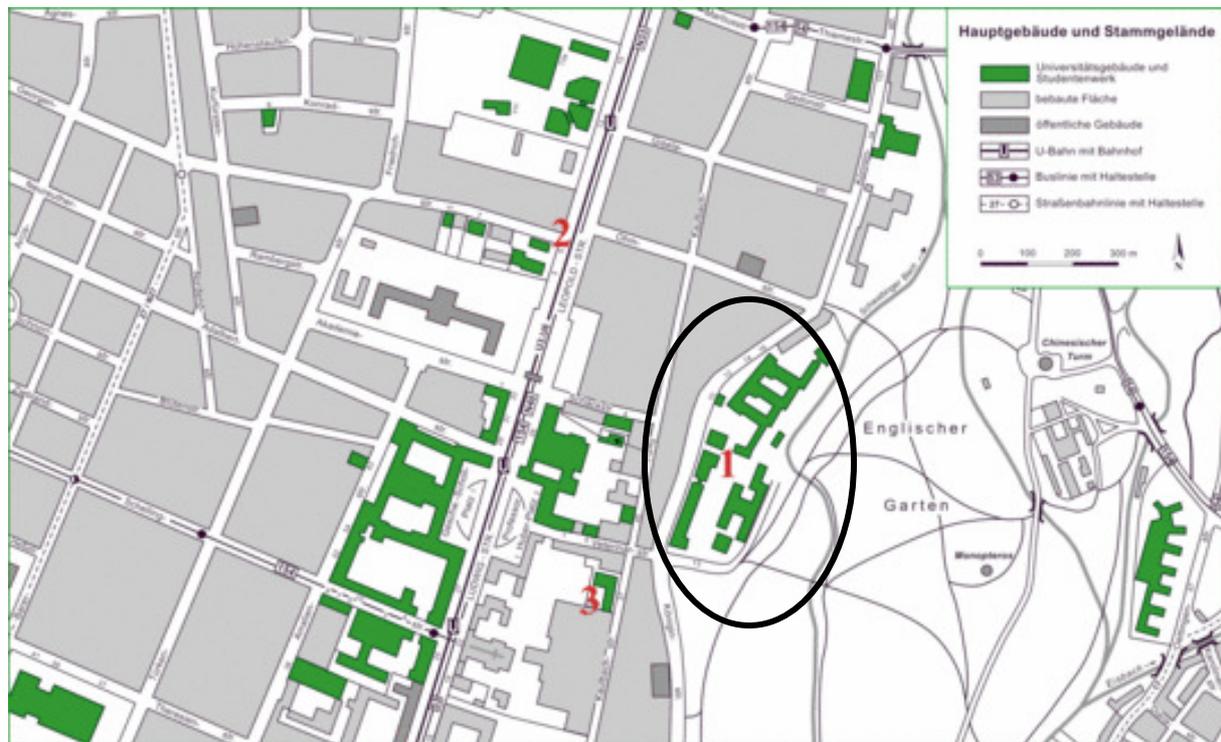
To Hotel Ibis (Ungererstraße 139):

From Marienplatz U6 direction Garching to “Nordfriedhof”, Hotel Ibis after 2 min foot walk on left hand side of Ungererstraße

Ticket to go from airport to the city:

“Gesamtnetz Tagesticket” 10,80 Euro for one person, or 19,60 Euro for five persons, valid the whole day for all tramway zones and all directions of the plan shown above

2. Buildings of the Veterinary Faculty of the Ludwig-Maximilians-University (maps of the area)

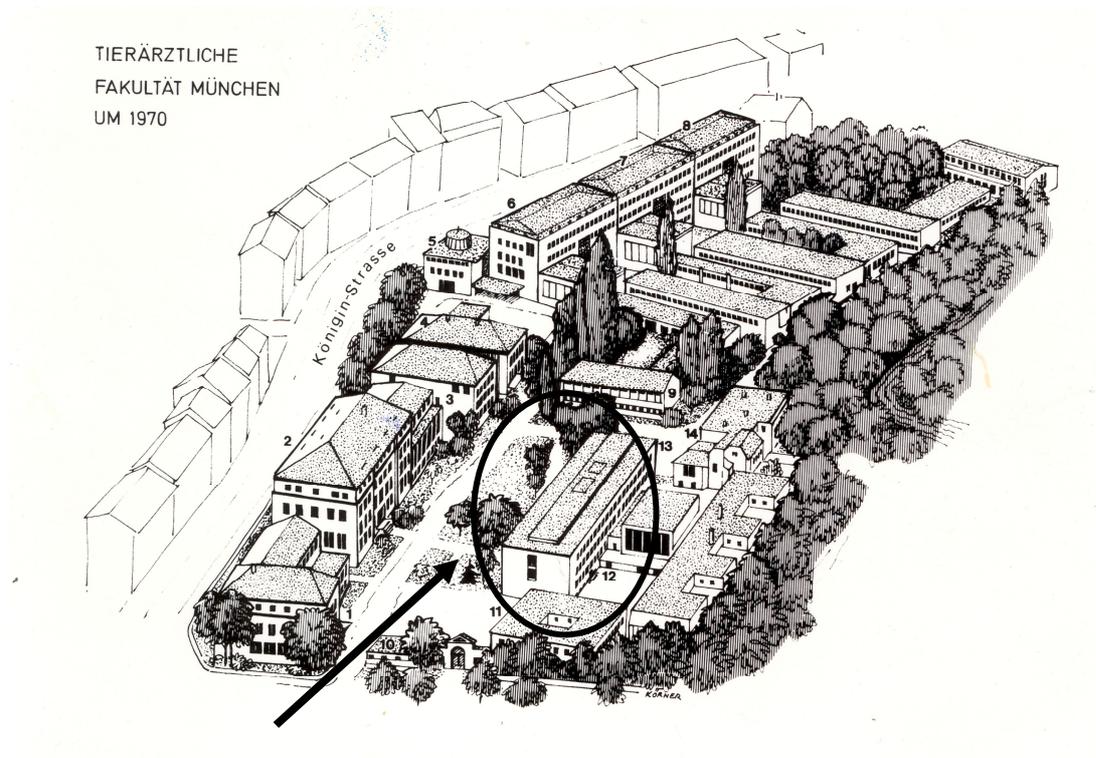


Main area of the Veterinarian College

Veterinärstraße 13, 80539 München

Transport link: Metro Station „Universität“ (U3 and U6)

Buildings of the Veterinary Faculty of the Ludwig-Maximilians-University (main site, Campus aside the English Garden)



**Site of the
3rd Symposium on Veterinary Sciences
München – Toulouse – Zaragoza:**

**Lecture hall of the Institute for Pathology/Microbiology
(Patho-Hörsaal)**

Thursday, March 3rd, 13.00

Scientific Program

3rd Symposium on Veterinary Sciences 2011

Oral presentation 15 min + 5 min discussion
 Poster presentation 3 min + 2 min discussion
 Plenaries 30 min incl. discussion

Thursday, March 3rd

13.00 - 14.30 Oral Presentations (Chair: Walter Rambeck)

13.00	Opening and Welcome, Bienvenue, Bienvenidos	
13.10	Ahrens, Frank	The simultaneous determination of cortisol and corticosterone enhances the characterization of a stress response in cats
13.30	Guerrero Barrado, Ana	How the same breed has different managements depending on the country and ambiance where it is located
13.50	Jacquet, Philippe and Gollnick, Nicole	Bovine besnoitiosis in France and in Germany : an update
14.20	von Rosenberg, Sylvia	Two cases of suspected hyperselenaemia associated with keratinous tissue alteration in cats and dogs

14.40 - 16.00 Coffee break and Poster Session 1

16.00 - 17.00 Oral Presentations (Chair: Dominique Picavet)

16.00	Marcén Seral, José Miguel	Current status, surveillance, distribution and control of Aedes Albopictus (Diptera: Culicidae): A comparison between Spain, France and Germany
16.20	Sans, Pierre	The POCTEFA-OTRAC project: An example of collaboration between Spanish and French institutions
16.40	Latorre Duque, Eva	Effects of IL-10 on the serotonin transporter (SERT) activity and expression in intestinal epithelial cells

17.00 – 19.00 Meeting of the representatives of the partnership (Café Luna, Veterinärstraße)

Friday, March 4th

9.00.-10.20 Oral Presentations (Chair: Jesús Garcia)

9.00	Kronthaler, Franz	Clinical relevance and current diagnosis of avian mycobacteria
9.20	Gimeno Soriano, Aurora	Role of prostaglandin E ₂ receptors (EPs) in gastrointestinal motor disturbances induced by bacterial endotoxins in sheep
9.40	Meyer, Gilles	Bovine respiratory syncytial virus genetic variability: impacts on virulence
10.00	Kremer, Melanie	T cell immunity is essential for rapidly protective vaccination against lethal mousepox

10.20 - 10.45 Coffee break

10.45 - 12.15 Oral Presentations (Chair: Chelo Ferreira)

10.45	Genevois, Jean-Pierre	“Hommage à Patrick Bénard lecture”, Risk for a dog to have simultaneous phenotypic expression of both hip and elbow dysplasia. A study based on 1411 radiographic examinations of both joints sent for official scoring
11.15	Lefebvre, Hervé	Establishment of reference intervals for glomerular filtration rate in dogs
11.35	Manzano Martínez,	Myogenic stem cells status in a model of motor neuron disease.

	Raquel	
11.55	Foucras, Gilles	Understanding the mechanisms of resistance to staphylococcal mastitis using genetic selection and transcriptomics

12.15 - 14.00 Lunch break and Poster Session 2

14.00 – 15.20 Oral presentations (Chair: Alain Milon)

14.00	Bénard, Geneviève	Detection of <i>Anisakis simplex</i> and <i>Kudoa</i> sp. in fish and fish products by histological examination
14.20	Rinder, Monika	Clinical symptoms and diagnosis of proventricular dilatation disease and avian bornavirus infections in parrots
14.40	Guillot, Isabelle	Fundamentals of trout vaccination against <i>Yersinia ruckeri</i>
15.00	Brühschwein, Andreas	Contrast enhanced magnetic resonance angiography in the diagnosis of portosystemic shunts in 13 dogs

15.20 - 15.45 Coffee break

15.45 - 17.15 Oral Presentations (Chair: Manfred Stangassinger)

15.45	Guérin, Jean-Luc	Avian influenza viruses and ducks : investigating host-virus dialogue
15.05	Reynolds, Brice	Breed-dependency of reference intervals for plasma biochemical values in cats
15.25	Le Nagard	Merial aux cotés des étudiants vétérinaires
15.45	Schillinger, Dieter	Responsible use of antimicrobials in veterinary medicine rises up EU agenda

Posters

Session 1, Thursday 14.30 - 16.00 (Chair: Petra Rouch-Buck)

1	Aguayo Ulloa, Lorena	Behavior differences in lambs with traditional and industrial fattening regime
2	Ahrens, Frank	Changes in blood parameters of inflammation, stress, and the immune system in a dairy herd after changing the floor from slatted concrete to slatted rubber mats.
3	Alarcón Elbal, Pedro María	Current status, surveillance, distribution and control of <i>Aedes Albopictus</i> (Diptera: Culicidae): A comparison between Spain, France and Germany
4	Borobia Frías, Marta	Evaluation of a portable glucose meter for use in dogs: preliminary study.
5	Canal Barquero, Maria Luisa	Epidemiology of Kovuvirus and Hepatitis-E virus Infections from Porcine Population in Northern Spain
6	Carmona Salido, Víctor Jesús	Geographical distribution of <i>Culicoides Imicola</i> , <i>Culicoides Obsoletus</i> group and <i>Culicoides Pulicaris</i> group, vectors of blue tongue in Spain, in 2010
7	Corredera, Lourdes	Analysis of lead and cadmium levels in raw honeys from different environmental origins of northeast Spain
8	del Rocio Pinal Prieto, Maria	Identification and surveillance of potential mosquito vectors of Flavivirus in nature reserve “Reserva Natural de los Galachos de la Alfranca de Pastriz, La Cartuja y El Burgo de Ebro”
9	Esteban Gil, Adriana	Clinical and epidemiological study of an outbreak of Besnoitiosis in a farm located in the Pyrenees
10	Fuertes Negro, Héctor	A Duplex Real Time PCR for Simultaneous Detection of <i>Equine Herpesvirus</i> and <i>Rhodococcus equi</i>
11	Giménez Alagón, Isabel	Deoxynivalenol in wheat germ after milling
12	Giménez Alagón, Isabel	Determination of <i>Fusarium</i> mycotoxins in maize, germ, refined maize oil and corn oil margarine
13	Mandetzky, Judith	Intravenous glucose applications in the adult hen: effects on the concentration time course of blood glucose and of its hormonal

		regulation
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Session 2, Friday 12.15 - 14.00 (Chair: Sylvia von Rosenberg)

14	Mitjana, Olga	Conservation biology applied to fish: project for rehabilitating the brown trout in Aragon (Northeast of Spain)
15	Mitjana, Olga	Impact of restocking programmes in native brown trout in Aragon (Northeast of Spain)
16	Navarro Combalía, Laura	Straelensiosis in dogs: a case report in Zaragoza
17	Navarro Combalía, Laura	Epidemiological study of the canine chronic renal failure in the Veterinary Clinic Hospital of Zaragoza (Spain): January 2010- January 2011
18	Pardo Cortinas, María	Secondary complications of canine Hiperadrenocorticism
19	Pérez Sánchez, Tania	Cytokine expression in head kidney of rainbow trout (<i>Oncorhynchus mykiss</i>) induced by feeding <i>Lactobacillus pentosus</i> as a probiotic
20	Rodellar Penella, Clementina	Research lines of the LAGENBIO group
21	Ruiz Arrondo, Ignacio	Bloodsucking dipterans populations control at the International Expo Zaragoza 2008
22	Sánchez Murillo, José-Marín	<i>Culicoides circumscriptus</i> (Diptera: Ceratopogonidae) in Extremadura (W of Spain): Relationship between intersex and Parasitism by a mermitid nematode
23	Simón Valencia, Carmen	Study of antibiotic susceptibility in bacteria isolated from dogs seen in the Veterinary Hospital of Zaragoza University during the period 2005 to 2010
24	Verde, Maite	<i>Demodex gatoi</i> in Zaragoza Teaching Hospital: report of 4 clinical cases
25	Villanueva Saz Sergio, Verde Arribas Maite	New therapeutical options in canine ichthyosis: report on a clinical case
26	Volz, Asisa Katharina	Respiratory infection of C57BL/6 mice overcomes resistance to mousepox

Friday, March 4th

**For our guests from Toulouse and Zaragoza:
19.00 Dinner in “Traumstadt”, Kaulbachstraße 75**

(U-Bahn station “Giselastraße” (U3 or U6), then ~5 min foot walk along Giselastraße and Kaulbachstraße)

Saturday (All day), March 5th

For our guests from Toulouse and Zaragoza:

Great Sight Seeing Tour of Munich Start ~10 o'clock

See www.sightseeing-munich.com/eng/munich-grand.html



Stops / tourist attractions (Hopp on – hopp off):

- Main Train Station (in front of the department store Karstadt)
- Painting galleries
- Odeonsplatz
- Max-Joseph-Platz (National Theater, Opera House, Residence Museum with Treasure Chamber)
- Marienplatz / Tal (New City Hall with famous Chimes, Old City Hall with Toy Museum, Cathedral, Church St. Peter, New Jewish Cultural Centre, Beer Hall)
- Karlsplatz (Stachus, in front of the fountain, Pedestrian zone / Shopping center)
- Main Train Station
- Palace of Nymphenburg - bus parking lot (with Royal Gardens, Amalienburg, Marstallmuseum, Botanical Gardens)
- Olympic Park - parking lot behind the Olympic Tower (Olympic Stadium, Olympic Tower, Sea Life Aquarium, BMW Museum / BMW World / BMW World Headquarters)
- Schwabing / Siegestor (Artist District, Open Air Cafes, Walking Man, English Garden)
- Main Train Station

Saturday evening, March 5th

For our guests from Toulouse and Zaragoza and German host students:

19.00 Gala Dinner

“Allotria-Keller” in Künstlerhaus, Lenbachplatz 8

U-Bahn station „Karlsplatz/Stachus“ (U4 and U5), ~2 min foot walk



Source: www.kuenstlerhaus-muc.de

The Veterinarian College of Munich – A historical retrospect¹

On 10th of March 1790 Karl-Theodor, Elector of Pfalz-Bayern, founded at the edge of the English Garden a veterinarian school called „Thier-Arzney-Schule“, in order to improve Livestock Breeding and Agriculture by a better possibility of defending Epizootics. Under the director Prof. Dr. med. Anton Will on 11th of November 1790 the first lectures were held. Main area was and still is the so-called „Jesuitewasch“ of the township of Schwabing. This ground first belonged to the Jesuits, then to the Order of Malta, and served to the maintenance for example with the livestock, and also there was made the washing, which is the reason for the name „Jesuitewasch“. Existing buildings got a new function, there were established a clinic for animals with places for horses and a smithy for learning. In those times education took about 3 years, divided in 2 semesters per year. From the year 1791 on Will was assisted by a pharmacist and a teacher for the smithy and from 1800 on by a prosector (doctor who makes autopsies) and a repetitor (a person who prepares students for the exams by recapitulation of subjects). Anyway only few were interested in this study. Many pupils neither could read nor write. Especially during times of war the staff was overburdened.

Therefore there was made an efficient one on February, 1st 1810 under King Maximilian I. Joseph. The veterinarian school was ennobled to the „Central-Veterinär-Schule in the whole kingdom. For example the curriculum was renewed, the audience was divided according to their educational background, choice, acceptance, exams and certifications were committed and all details were organised. New subjects now were General History of Nature, Physics, Chemistry, especially Natural history of pets, Dietry, pharmaceuticals, Livestock Breeding and Horse Breeding, Veterinarian Forensic and obstetrics. The audience was divided in three classes, the doctors, the veterinarians and the blacksmiths.

The students lived on the area in a residential house and had to care for the ill animals, had to feed them and to clean the stables.

After claims for reforms in the 1840s, like upgrading of the duration of study on 4 years, higher educational requirements, removal of the residential living and development of the collections, furthermore installing pharmaceutical laboratories, an ambulatory clinic and Policlinic, most of the suggestions were realized by King Maximilian II of Bavaria on the 29th of May 1852 in the „Allerhöchstes Reorganisationsedikt“. New subjects at the school, now called „Königliche Central-Thierarzneischule“ were Pathological Anatomy, the Policlinic and „Riding, coaching and physical training“. Because of the higher educational requirements of the students only one class existed. Precondition was the degree of grammar school or the degree from a Agricultural- and Vocational School. Since the year 1872 the exams consisted of a natural scientific part after at least three semesters and a Veterinarian examination after at least seven semesters. At its centenary on the 28th of July 1890 the „Königliche Central-Thierarzneischule“ was changed to the „Königliche Tierärztliche Hochschule“. 1891 another professorship was established, that for Obstetrics, Livestock Breeding and Exterior. At this time the main building, 150 m long, was constructed along the Königinstrasse. In the southern part there was the Surgery and in the northern part the Medical Clinic. The central block shelters the Policlinic, the chair for obstetrics, the library and the chairs for Zoology and

¹ Es handelt sich hierbei um eine Zusammenfassung des Artikels „Geschichte der Tierärztlichen Fakultät München“, verfasst von Herrn Prof. Dr. Dr. J. Peters und Frau Dr. V. Goebel. Dieser Artikel kann unter folgendem Link gelesen werden: www.vetmed.uni-muenchen.de/fakultaet/geschichte/index.html

Phytology. For the chair of Physiology and Pharmacology a new building was provided. In the northeast of the building in the years 1901/02 a clinic for small animals was built, and also the Institute for Medicine of the Hooves and the state teaching-smithy were adapted to the building of the Medical Clinic. The conclusion of the new examination regulations, implemented on April 1st, 1913, was the determination of the eighth semester as requirement for the veterinarian examinations. The intermediate examination consisted of the natural scientific part which was passed after the third semester and the anatomical-physiological part after the fourth semester.

On October, 1st, 1914 the Veterinarian School was integrated into the Ludwig-Maximilians-University. Therefore the Veterinarian College of Munich was the first autonomous one in Germany.

During the first world war the education was continued without interruptions. The department of Breeding was divided from the Institute for Obstetrics, a professorship für Animal Hygiene was established in the year 1921. But at the beginning of the second world war the Veterinarian College as the only one from the Munich University was closed for various reasons. Until the end of the war it was no more reopenend.

When war was over in 1945 not all professors, who wanted to resume their business, were politically exculpated. In some cases their integrity had to be proved from the American military government. Dean became Professor Hilz. It took some years to reestablish education. The conditions after the war were bad anyway, for example many buildings were fully damaged, the Anatomy, the Pathology and the Surgical and Ambulatory Clinics were removed from stock to the area of „Oberwiesenfeld“ which was the old military hospital for horses, the hygienic conditions were disastrous, because the danger of infections by sent material and parts of cadavers was very high. Partially practices in preparing were hold open-air. Also other departments had to reduce very much. Until 1965 rebuilding of the institutions and clinics was pushed and many chairs renewed or established. The building could be expanded to the north, so that the immense lack of room, which already existed in the times before the world wars, could be solved. In the 50s the tract of the clinics was build, and joining the library. They were followed by the buildings of the Pathology, Hygiene of Animal and Anatomy. In the central block were the Breeding rooms, the apothecary of the College and the office of the dean housed. The Physiology moved into the buildings of the Surgery of older times. Away from the main area are the Institutes for Comparative Tropical Medicine and Parasitology (Corner Leopold-/Georgenstrasse) and the Institute of Zoology, which is in the same building as the Institute for Palaeoanatomy and Veterinarian History in the Kaulbachstrasse 37. In Oberschleißheim since 1956 there is a manor for teachin agriculture and animal husbandry. Improvement and developement still are not completed, futural vision is a Veterinarian Campus in Oberschleißheim, which combines all clinics and Institutes in one place. At the moment there ist he clinic for poultry, the clinic for ruminents, the part of Animal Nutrition and the part of Science of Food, nearly all in new buildings in Oberschleißheim.

(Source: International Package, Veterinary Faculty of LMU Munich)

List of participants

3rd Symposium on Veterinary Sciences 2011

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