

Table of Contents

Committees	02
Foreword	03
Congress Information & Local Information	05
Programme at a Glance	10
Keynote Speakers	18
Scientific Programme	22
Sessions	
Monday, 13 June	23
Tuesday, 14 June	26
Wednesday, 15 June	31
Thursday, 16 June	35
Overview of sponsored workshops	40
Business Meetings	44
Awards	46
Publications	46
Social Events	46
Venue Map	49
Exhibition Area	51
Sponsors	54
List of Exhibitors	56

Committees

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Flip. A. Klatter (BV president, NL)
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Event Consulting Julien Stiévenart / Stephane Stiévenart / Marleen Hallam

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David Anderson, LASA (+ stream F)
Livia D'Angelo, AISAL
Andre Bleich, GV-SOLAS (excused)
Benjamin Bodart, BCLAS (+ stream E)
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Ann-Christine Eklof, FELASA
Jan Langermans, NVP (+ stream B)
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Vladimir Popov, Rus-LASA
Jan-Bas Prins, FELASA (+ stream A)
Marcello Raspa, AISAL (+ stream A)
Juan Rodriguez, SECAL (+ stream D)
Stefanie Schindler, SGV
Clare Stanford, LASA
Catriene Thuring, BV (+ stream D)
Dirk Wedekind, GV-SOLAS

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Welcome to Brussels

Dear colleagues,

On behalf of the Organising Committee we are very pleased to welcome you to the 13th FELASA congress entitled: 'Brussels Revisited', 13-16 June 2016 in Brussels. The congress is jointly organized by BCLAS (the Belgian Council for Laboratory Animal Science), NVP (the Dutch Society for Laboratory Animal Science) and BV (the Dutch Society for Animal Technology). The three societies are introduced in a special issue of the common journal 'Biotechniek' of the Dutch Foundation of Laboratory Animal Science Information (SPI) for this occasion (in your bag).

This FELASA Congress meets and exceeds everything you may expect: attract over a thousand scientists and other professionals from all over the world, if only out of curiosity to see how things will develop in Europe, where animal protection is at an unprecedented high level. The programme will cover scientific, societal and practical aspects of a range of topics of interest for those working in this interesting and innovative field.

The main themes address the quality and validity of animal research, how animals and humans are at risk from the same health issues, technological advances, animal welfare, harmonization and exchange of best practices i.e. through education and training and ethical evaluation, and how all this is related to public interests.

The scientific program was co-created by many. Suggestions for sessions were welcomed and used well. The members of the programme sub-committee have worked in teams of two to 'recruit' conveners who have organized the sessions. A variety of working groups and societies have seized the opportunity to have satellite meetings in or near the venue and many sponsors present workshops as well.

The FELASA Congress is an excellent forum for the discussion of research and research policies and strategies. Interactive sessions will be included in the program as well as advanced tools for further communications. The Square has a large exhibition hall where companies exhibit their latest equipment, technology and services and meet participants. A variety of not-for-profits will welcome you at their booths. There is also a social programme offering various opportunities to meet informally and make new friends.

This is the program book, there's a separate abstract book and there's a variety of flyers and other material in your bags.

The organization has known its challenges. In particular the bombings by home-bred terrorists, first in Paris (2015) and later in Brussels (March 2016) had great impact and left nobody unmoved. The people of Brussels are determined not to yield to terrorism and daily life is mostly back to normal, including the underground metro-system and Zaventem airport. However, security measures are tighter than ever and we ask your understanding for the measures we've taken on our side to warrant a safe congress venue and thus cater for a relaxed atmosphere.

The Square is located at the heart of the cultural centre of the city. Of course, Brussels is also the political centre of the European Union who have decided to innovate the Directive for the protection of animals used for research (2010/63 replacing 86/609). This new Directive aims to create a level playing field in Europe regarding the use of animals. The scale of the new Directive's innovations reflects high ambitions to further develop and implement 3Rs alternatives (Reduction, Refinement and Replacement) and governance (by greater transparency). As a result, the Congress is also of great interest to politicians and public bodies across Europe.

Brussels is extremely well connected to the world and has more to offer than just politics. The Square is situated close to many cultural sites but if you have a little more time, there are many historical sites to explore nearby, including memorials of Napoleonic and first and second World Wars as well as the charming historical cities of Ghent, Bruges and Antwerp, featuring fine art and architecture. To complete your European tour: Amsterdam and Paris are just a train ride away.

On behalf of all involved and engaged,

Guy De Vroey
BCLAS, Belgian Council for Laboratory Animal Science (BCLAS)

Martje Fentener van Vlissingen
NVP, Dutch Society for Laboratory Animal Science
(Nederlandse Vereniging voor Proefdierkunde - NVP)

Flip A. Klatter
BV, Dutch Society for Animal Technology
(Biotechnische Vereniging - BV)





VISIT US AT
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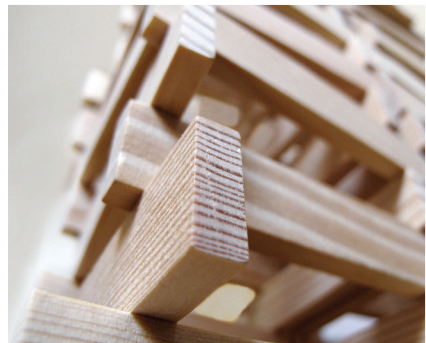
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Congress Information

Congress Venue

SQUARE BRUSSELS MEETING CENTRE

Glass Entrance

Rue Mont des Arts – Kunstberg

B-1000 Brussels, Belgium

Rail and metro station: Central station

On-site Registration Fees All rates are in Euros (€) – 21% VAT included

from 01 April 2016 and on-site

Members*	€ 715
Non-members	€ 850
Students**	€ 365
Single day ticket member	€ 275
Single day ticket non-member	€ 365
Accompanying persons***	€ 245
Gala dinner	€ 100
Invited person to Welcome reception only (not attending the congress)	€ 50

(*) Members The reduced fee for members is applied for members of the following associations (members of FELASA or ICLAS): AACyTAL (Argentina), AAALAC, AALAS (America), ACLAM (America), ACURET.ORG, AFSTAL (France), AISAL (Italy), ANZLAA (Australia & New-Zealand), ARSAL (Romania), ASOCHICAL (Chile), AUCyTAL (Uruguay), Balt-LASA (Baltic States), BCLAS (Belgium), Biotechnische Vereniging (Netherlands), CALAS (China), CALAS/ACSAL (Canada), CLASA (Czech Republic), CroLASA (Croatia), CSLAS (Taiwan China), ECLAM (Europe), ESLAV (Europe), FinLAS (Finland), GV-SOLAS (Germany and Austria), HLASA (Hungary), H, SBLAS (Greece), ILAF (Israel), JALAS (Japan), JSLAR (Japan), KALAS (Korea), KRIBB (Korea), LASA (United Kingdom), LASA-Turkey, NVP (Netherlands), Pol-LASA (Poland), Rus-LASA (Russia), SAALAS (South-Africa), SALAS (Singapore), SBCAL (Brazil), Scand-LAS (Scandinavia), SCAND-LAS (Sweden), SECAL (Spain), SGV (Switzerland), SLAS (Serbia), Slov-LAS (Slovenia), SPCAL (Portugal), TALAS (Thailand). The organizers are authorized to check with the associations for verification.

(**) Students have to hold a valid student card (picture ID) with a university or college to qualify for a reduced rate. Alternatively, the organizers will consider an authorized (written and signed) statement from an education institute to the same effect. A PDF version of this document needs to be uploaded while registering for the congress. PhD students are not considered as students and will need to pay the regular member/non-member rates. Young scientists may seek to qualify for bursaries issued nationally or internationally.

(***) Accompanying persons will receive a badge giving access to the exhibition and poster areas only. They have free access to the welcome reception but need to register. Participants who are accompanied to the Gala are (only for this occasion) allowed to collect the badge for this accompanying person at the registration desk.

Registration Fee for full participants includes

- Admission to all scientific sessions and workshops – except those with limited access and the ones requiring a fee. Those activities will be posted when they become available and registered participants will be notified. Admission will be distributed on a first come-first serve basis. Double registrations for restricted activities scheduled in parallel should be avoided.
- Admission to the exhibition and poster areas
- Access to the welcome reception (preregistration required)
- Congress materials
- Certificate of attendance
- Refreshments during breaks (coffee breaks and lunches)

Badges

All visitors to the congress will receive a personal badge in their name when collecting their registration documents. During the congress this badge must be clearly visible at any time on-site at the venue and can be scanned by Congress assistance. The badge is not to be used by anybody else.

Entrance to the session rooms as well as to the poster and exhibition areas will only be permitted to persons wearing their congress badge.

In case of loss or damage, badges can be reprinted at the reception desk. In case of loss, charges for reprinting a badge are € 50.

Certificate of attendance

After the congress, all participants will receive a certificate of attendance by email.

Congress language

The official language of the congress is English. No simultaneous translation will be provided.

Food and refreshments

Coffee, tea and refreshments will be available to all fully registered congress delegates and exhibitors during all morning and afternoon breaks and during all lunches.

On Thursday, 16 June 2016 there is no official congress lunch.

Special requests such as dietary requirements can be communicated to the congress organization.

Mobile Phones, Photography and Filming

Participants are kindly advised to turn down the sound of their mobile phones inside the rooms during all sessions and presentations. Participants can download an app that will provide access to program, abstracts and exhibitor information on-line. It will also be used to send messages to inform you on any last minute changes. Using your device you can scan the QS code at the sponsor booths to upload more information. Exhibitors can also ask permission to scan your badge to upload your contact details in their system together with notes.

Out of respect for speakers' copyright, it is forbidden to take pictures and/or to film during any session unless specific permission has been obtained.

Insurance

In registering for the FELASA 2016 congress, delegates agree that neither the organization nor the congress agency EventConsulting.be is responsible for individual medical, travel or personal insurance. Participants, speakers, organizers, sponsors and exhibitors are requested to arrange their own travel and health insurance. All visitors are strongly advised to check their own personal insurances before travelling to the conference.

The organizers cannot assume liability for changes in the program due to external circumstances.

Internet Access and Cyberspace

Wireless LAN will be available for registered participants free of charge at the Square Brussels. There will be a Cyberspace area available to participants in the Exhibition hall (computers provided). Printing of e.g. flight tickets, can be done here.

Smoking Policy

The FELASA 2016 congress is located in a non-smoking venue. In Belgium, smoking in public buildings such as the congress centre and the venue for the gala dinner is prohibited.

In general, it is prohibited to smoke in public buildings (including restaurants and bars). However, several restaurants, bars and hotels offer a special area/room for smoking.

Disclaimer

The organisers cannot assume liability for changes in the program due to external circumstances.

Neither the Local Organizing Committee of FELASA 2016 nor the conference organiser and/or its agents shall be liable for any direct or indirect damages suffered by any participant including staff or appointed agents of exhibiting companies and organisations, and accompanying persons, either during or indirectly arising from the Felasa 2016 Congress. This includes consequential and immaterial damage, loss of personal property or cancellation expenses.

For reasons beyond their control (such as war, strikes, lockouts or any other civil disturbances, earthquakes, floods and droughts or any other natural disturbances that have an impact on the FELASA conferences or any arranged part related to the congress), the Local Organising Committee of FELASA 2016 and/or the conference organiser may immediately alter or cancel the congress or any of its arrangements. The participants shall not receive any kind of compensation for any losses or damages resulting from such alteration or cancellation, more than a fair share of their registration fee.

General safety instructions

All present are to wear their badge visibly at all times and to carry an official picture ID. It is not allowed to pass the badge to somebody else. The identity of anyone can be verified by security personnel (by picture ID).

All present need to follow instructions of the security/safety personnel, if not, they risk to be expelled and not admitted after. In that event, no restitution of any costs will be due, and any property will be returned later.

Local information

General introduction about Brussels

Brussels, capital of the kingdom of Belgium, is also the capital of Europe.

A destination that's easy to reach and reasonable prices that won't strain its visitors' pockets, regardless of age. This cosmopolitan city that loves good food, lives life its way and expresses itself in a style very much its own: sometimes rebellious and mischievous, sometimes thoughtful and composed, but always very likeable. Despite its European dimension and despite all the different languages spoken on the corner of every street, Brussels is still inspired by a very "village-like" spirit. Of course, it's well known for its Grand-Place, its Atomium, its Manneken-Pis, its Gueuze and its Kriek, its waffles and its chocolates... (don't miss them!). But, just one tip: take the time, too, to soak up the very special atmosphere of its many different districts. Take a stroll to Rue Dansaert, Halles Saint-Géry and Place Sainte-Catherine. Head for Saint-Boniface, Châtelain or Flagey... You'll discover a Brussels that's in the spirit of the times, a capital that's relaxed and comfortable, as much in its history as in its present-day reality. Very fashionable. Very designer. Very creative. In other words, to put it in a nutshell, just relish Brussels, a fine and beautiful city to explore and discover...

Tourist information

The FELASA congress offers you direct access to a tourist information desk in the registration hall.

Opening hours:

Monday 13	11h00-20h30
Tuesday 14	9h00-18h00
Wednesday 15	9h00-18h00
Thursday 16:	10h00-14h00

Several brochures are offered at this desk (city maps, public transportation maps, thematic miniplans, touristic brochure, booklet with discounts).

The person at the desk can give you information on logistical aspects (how to reach your hotel, particular metro station, shop, restaurant, taxi booking, online flight booking) and leisure aspects (advise on things to visit, cheap/good/typical restaurants, souvenirs etc.).

Enjoy your stay in Brussels!

Banks and money

Banks are open Monday to Friday from 09:00 to 16:00. The most common automatic cash machines (Bancontact/MisterCash) are linked to international networks, and are widely available.

The closest cash machine to SQUARE is located at the corner of Cantersteen street and rue des Sols/Stuiverstraat.

The closest bank to SQUARE is ING Ravenstein (rue Ravenstein 68 – 1000 Brussels).

Climate

The average day temperature in Summer is 21,5° Celsius (70° Fahrenheit).

The average day temperature in Winter is 7,5° Celsius (45° Fahrenheit).

An Italian expat once told us that Belgians dress "onionwise" (a cipolla): they always foresee an additional layer for the fresh evenings – even in Summer.

The main challenge is to stay practical and stylish at the same time. Check the online weather forecast when packing!

Electricity

Voltage: 220-240 Volts (U.S./Canada are 110-120 Volts)

Primary Socket Type: Schuko (French / German type), mostly grounded.

Public Transport

The public transport network is managed by STIB - MIVB. It has extensive metro, tram and bus lines on the entire territory of Brussels Capital Region.

This is: 4 metro lines (40km), 17 tram lines (139km) and 50 bus lines (361km). A single ticket costs 2,10 € (outside the vehicle) or 2,50 € (sold by the driver).

We recommend visitors to buy a 10 fares ticket for 14 €. The credits are put on an electronic MOBIB pass (compare with the Oyster Card in London) that you can buy for 5 €. Here is a Network Map: <http://www.stib-mivb.be/netplan-plan-reseau.html?l=en>

For 1,60 € per day you can have access to the Villo! shared bikes in the 350 Villo! stations. <http://en.villo.be/All-stations/Stations-kaart>.

Restaurants

Brussels people generally have lunch between 12h30 and 14h00 and supper from 19h00 to 21h00.

But some may have only two shifts and will only serve you pub kitchen if you arrive at 16h00. (croque monsieur, pasta, soup...)
In the touristic districts, you will find many restaurants that open all day long.
After 23h, extensive dining becomes more difficult. Frites are an all-time solution, of course!

Tips

Tips are not as common as in countries like Germany, where they are an important part of the personnel's salary. In Belgium, they are seen as a sign of particular appreciation. By tipping, you reward an outstanding service. One exception are the traditional "Madame Pipi" who keep many public toilets clean. They expect about 50 cents for the cleaning. There is no way passing by for free.

Shopping

Most shops in Brussels are open from 9h30 to 18h30 or 19h00. There are of course many exceptions to this rule. Opening days are Monday to Saturday, the latter being a particularly busy shopping day. The first Sunday of each month boutiques in the city center stay exceptionally open. (www.ishoponsundays.brussels)

Smoking

Smoking is prohibited in closed public spaces (like the metro network, train stations, administrations) and in offices. It is also prohibited in pubs and restaurants. Smokers usually smoke right outside the building where they are. In open public spaces (like a square or in the street) it is permitted. In case of doubt, it's always better to ask your neighbors whether they don't mind.

VAT

VAT on most products is 21%. Some products could have a 6% (goods of first necessity, paper books) or 12% (food at restaurants) VAT rate.

Useful telephone numbers

Belgium uses the country code +32. So for someone calling from outside Belgium, the pattern of numbers would be: the international call prefix + country code of Belgium + area code + phone number. In Belgium, landlines and phone numbers in the bigger cities are seven digits while smaller cities and mobile phones have six digit phone numbers. The trunk code '0' is also always added as a prefix.

Useful numbers to remember while in Belgium are the following:

- * 112: European emergency call number
- * 100: Fire and Ambulance
- * 101: Police
- * 105: Red Cross
- * 110: To report missing children/ Child Abuse
- * 103: Children's Helpline
- * 107: Helpline
- * 1304: International inquiries
- * 1234: Local directory
- * 1307: Doctors on Duty
- * 02 479 1818: Emergency Doctors (for Brussels only)
- * 0900 10 500: Pharmacies on Duty
- * 070 245 245: Anti Poison Center
- * 071 448 000: Burns Center
- * 02 648 4014: Community Help Service (24-hour service in English)
- * 02 548 9808: SOS Solitude/ Crisis Helpline
- * 02 479 9990: Emergency Veterinary Service
- * 070 344 344: Report Lost or Stolen Bank Cards
- * 02 226 21 11: Postal Service

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Programme at a glance

Scientific sessions will start at 9:00 am on Monday June 13th 2016 and end at approximately 1:30 pm on Thursday June 16th. Beneath you can first find information on the different streams in the programme, followed by a quick overview of the program per congress day, indicating the different streams in color.

Streams

The concept of streams allows participants to navigate more easily through the program and experience no difficult choices regarding their main areas of interest. Below, the content of each stream is explained.

A. Models by design

Animals used for research typically represent a larger population. Sometimes, animal model for animals (e.g. new pharmaceutical formulas for veterinary use) but more often a suitable animal model is sought as a stand in. Also, developing technologies are used to improve and refine animal models in a way that the outcomes address mechanisms in addition to the effects of experimental approaches and the scientific questions they are to resolve. Nonetheless, experimental design is critical to acquire meaningful and reproducible results. Finally, we're confronted with a wealth of scientific information in need of critical analysis and appropriate use. These topics include:

- * Model validity
- * Experimental design
- * Experimental detail in scientific reporting
- * Toolkits (imaging, genetic modification, markers, 'organ on a chip')
- * Wealth of information (synthesis of evidence: big data, data-sharing, systematic reviews)
- * Advances in selected research areas not included in other streams

B. One health

The concept of 'one health' has been warmly adopted by the veterinary and human health communities alike. It is based on what animals and humans have in common, such as infectious diseases but also others like metabolic diseases and cancer. Similarly, animals and humans are exposed to the same environmental factors ranging from environmental pollutants to antimicrobials promoting microbial resistance. This stream hosts a number of topics all based on the fact that animals and humans have much in common regarding health issues, itemized:

- * Animal models of animal/human infectious disease
- * Non-infectious diseases that animals have in common with humans
- * Zoonoses (incl. domestic and feral animals)
- * High containment research (BSL3/4)
- * Why we sometimes need NHP
- * Indicator organisms for environmental issues

C. What animals tell us

Animals tell us a lot of things regarding their wellbeing. This stream addresses welfare topics to be analysed and addressed by increasing awareness on what's going on in animal's bodies and minds. The increasing significance of neuroscience research in animals, in part aiming to manage the increasing load of neural diseases in humans, can be used better to help address animal welfare issues as well. For an integrated approach, the stream includes:

- * Behavioural science
- * Neuroscience
- * Models of human disease – quality of animal life
- * Clinical assessment including recognition of pain/distress
- * Severity assessment (prospective/retrospective)

D. On the safe side

This stream deals with the topics regarding animal and human safety. Human safety working with animals in a laboratory setting brings the needs for risk management. But also animals should be kept safe by the management of their health and wellbeing and procedures should follow best practices as these are developed over time. So, animal and human safety are combined in one stream that will also deal with new insights of facility design, itemized:

- * Occupational health and safety (OHS)
- * Health Monitoring in various species
- * Safe working practices
- * Best practices for procedures
- * Provisions for animals (husbandry and care, quality of feed and water, safe enrichment devices, noise exclusion)
- * Trends in facility design incl. 'green'

E. One Europe

Europe is not just a geographical entity, it is an area of the world with shared values and common history. Politically, Europe is more or less unified by bodies such as the Council of Europe and the European Union. But also science and technology are developing by intense international collaboration. Hence strategies, methods and professional competences are merging. To capture that, this stream is on strategic, scientific, technological, regulatory and human resources developments occurring internationally:

- * Competence management/ education and training/ mobility of professionals
- * Designated vet – functions and expertise
- * Scope –regulated procedures (incl. animals in/from the wild)
- * 3Rs programmes
- * Program accreditation (establishment)

F. Governance

Given the moral status of animals in our part of the world, there are genuine concerns in society about the instrumental use of animals in research. These concerns regard not only animal welfare but also the ethical justification of animal use. Bottom line, we need to explain our work and our attitude better to justify animal use in view of the real societal interests at stake. Public trust is to be maintained and gained by effective regulations and oversight, and above all by better communication. This is true for all areas of research but especially urgent in the case of animal use. Thus, this stream will be devoted to topics on ethics, oversight, accountability and public communication:

- * Developments in internal and external oversight
- * Competent authorities
- * Animal welfare bodies (by types of establishments/ types of animals)
- * Ethical review process
- * NTSes and impact on public information
- * Active information of the public, accountability

Streams are color coded:

A. Models by design

B. One health

C. What animals tell us

D. On the safe side

E. One Europe

F. Governance

Session codes

2nd letter = stream

M=Main session

numbers = session number

last letters:

W=Workshop

S=Seminar

WE=Workshop organized by Exhibitor

First column = room name/room number

Workshops marked with a * were to be preregistered for prior to the congress.

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FELASA 2016 - PROGRAM

MONDAY 13TH JUNE 2016

8:30-20:00 Registration open

	09:00 - 10:30	10:30 - 12:00	12:00 - 13:00	13:00 - 14:00	14:00 - 15:30	15:30 - 16:15	16:15 - 17:45	18:00 - 20:00
Grand Hall: EXHIBITION								
Copper Hall		OF6M Animal Welfare Body – how to realise its potential		Opening Ceremony Key note Bas Heijne (journalist): Human or Inhuman?	"OA7M Microbiota and animal models"		OE2M Implementation of Dir 2010/63: status and challenges"	
Silver Hall		OE1M Education and Training of Animal Care Staff			"OE6S Mutual recognition of personnel qualifications"		OE8M International Accreditation of Programmes: A Tool for Harmonization"	
211&212	OSAB1 FELASA ABET Workshop The ABC of standards of education and training in Europe	OA9M What happens inside? Which imaging technology for my research?			"OE4S Moving lab animals"		OD2S Good care practice for zebrafish and Xenopus spp"	
213&215		11:00 - 12:00 EARA session, Animal Research in Europe - landscape and challenges by Paul Damecourt, Vae Solis Consultancy			O57WE* Charles River Seminar 1 The Vital Role In Vivo Research Plays in Drug Discovery		OA10W* Imaging	
216							"OC5W* Repeat 1 Classification and reporting of severity"	
Magritte Room	POSTER SESSION A: Models by design							
	POSTER SESSION B: One health							
	POSTER SESSION C: What animals tell us							

R E C E P T I O N

W E L C O M E

TUESDAY 14TH JUNE 2016

7:00-18:30 Registration open

	8:00 - 9:30	9:30 - 10:15	10:15 - 11:45	11:45 - 12:45	12:45 - 14:15	14:15 - 15:45	15:45 - 16:30	16:30 - 18:00
Grand Hall: EXHIBITION								
Copper Hall	OA1M Genetic modification – technologies and pitfalls	Key note Steve Brown (MRC Harwell): Creating a comprehensive catalogue of mammalian gene function in the mouse			OD3M Diets - can we control the bias?		OA8S Translational Relevance of Animal Models	
Silver Hall	OB6S From comparative medicine to animal models	OE3M Roles and competences of designated veterinarians	OC3M Automated welfare/behavior monitoring	OC6S What zebrafish tell us... do's and don't?	OF2S Public opinion		OF1M Public communication	
211&212	OF7S Global animal welfare and use strategy fostered by global companies	OA5W Values and Limitations of Animal Models	OE5S Implementation and accreditation of LAS courses according to the Directive		OA2S Optimising the validity of behavioural laboratory animal science		OC4S Welfare and severity assessment tools	
213&215	OA4S 3Rs in toxicology	C O F F E E			L U N C H		OC5W* Repeat 2 Classification and reporting of severity	
214&216	OD7W Operational challenges of Germ Free models development				OD1S Cephalopods as Laboratory Animals – Back to the Future		OS4WE* Taconic Criticality of Genetic Quality in Genetically Modified Animal Models	
201	OE7W* e-Learning	OS3WE* Janvier Labs Advanced Cryopreservation: New Ways to Manage GM Mouse Colonies				OS6WE* Tecniplast How Automated EMF Home Cage Monitoring supports both Science and Animal Welfare		OS9WE* Getting Sterilizers for BioContainment Applications
204		OS2WE* Envigo Successful maintenance of a rodent colony to support oncology drug development	OSAAA AAAALAC 13:15-14:15 Ad hoc specialists/ consultants meeting					
Magritte Room	POSTER SESSION A: Models by design							
	POSTER SESSION B: One health							
	POSTER SESSION C: What animals tell us							

WEDNESDAY 15TH JUNE 2016

7:00-18:30 Registration open

	8:00 - 9:30	9:30 - 10:15	10:15 - 11:45	11:45 - 12:45	12:45 - 14:15	14:15 - 15:45	15:45 - 16:30	16:30 - 18:00	
Grand Hall: EXHIBITION									
Copper Hall	OF5M Rehoming animals used for regulated procedures	OF11M Culture of care: challenging the status quo			FELASA award lecture Bryan Howard: Education, training and learning – some personal reflections		OB4M LAS and Societal Issues		OC7M Defining humane endpoints
Silver Hall	OD5M Health Monitoring of rodents	OD6M Health Monitoring of zebrafish	OD9S What's new in Occupational Health and Safety?		L U N C H		OD8M Laboratory animal facilities designed to add value and cut costs		G A L L A D I N N E R
211&212	OB2S Use of NHP in biomedicine	OB1S 3Rs and severity affected by biocontainment of pathogens	OB9S Working in high biocontainment (level 3-4)		OSFE1 FELASA on the way to the future		OF3S Statistical reporting and NTSs (transparency by Directive)		
213&215	OB7S Working in high biocontainment (level 3-4)	OF10W* Facility MT	OS1WE* Idexx Seminar 1 Integrating Environmental Sampling into Animal Health Monitoring		OF9W Institutional transparency		OE9S National and International 3Rs programmes and reference labs		
216	OA6S Sharing information: fewer experiments for more knowledge								
214									
201						OS8WE* Charles River Seminar 2 A review of the evolution of animal health surveillance		OS5WE* Idexx Seminar 2 Health monitoring sample collection - 3R innovative, non-terminal techniques	
POSTER SESSION D: On the safe side									
POSTER SESSION E: One Europe									
POSTER SESSION F: Governance									
Magritte Room									

THURSDAY 16TH JUNE 2016

8:00-14:00 Registration open

	9:00-10:30	10:30-11:15	11:15-12:45	12:45-13:15
Grand Hall	EXHIBITION	11:15 Closing of Exhibition		
Copper Hall	OC15 3Rs in immunology	OB5M Epilepsy: a model of comparative medicine		
Silver Hall	OD10S Training NHP and Large Animals for better science, safety and welfare	OF4S Harm-Benefit analysis in a global context		
211&212	OF8S LAS with the Wild	OB3S Comparative medicine of infectious diseases		
213&215	OC5W Repeat 3* Classification and reporting of severity	OD4S What teleostean fish tell us		
Magritte Room	POSTER SESSION D: On the safe side			
	POSTER SESSION E: One Europe			
	POSTER SESSION F: Governance			



RSPCA Program

A conference of the RSPCA: Focus on severe suffering starting immediately following the conclusion of the FELASA 2016 congress and continuing on Friday June 17th will be organised at the same venue. Registration is free. You can register and find more information on the event website or email research_animals@rspca.org.uk

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Keynote speakers

Opening lecture (plenary), Monday 13 June 2016

Human or Inhuman? Why scientists need the humanities – and vice versa.

Heijne, B.J.

Molecular bioscience has brought unprecedented technological means and tools to the laboratory and, beyond, to medicine and other applications. Scientists will typically use those new tools in their research and new fields of research will open up. Mostly, scientists will do this with the best intentions to advance science and medicine and thus wish to bring benefits to society. But do they ever reflect on what the moral consequences these benefits will have? And why does the technological revolution that is taking place around, hardly stirs up any real debate in society itself? Are scientists in the lead, and, if so, do they consciously reflect on the possible outcomes of their work, also the unwanted ones? And who holds up the mirror to them, apart from fundamentalists? These and other ethical questions will lead to a call for a more general, more public debate about the moral consequences of new technologies and what it means to be human.

Compared to three decades ago, biomedical science has achieved a lot regarding the prevention, diagnosis and treatment of disease. Similarly, by life sciences research we know a lot more about our natural environment and technological development provides for increasing amounts of food for a growing world population. Also, in the age of bioscience we know more and more about what we used to call Human Nature, the way our brains and bodies developed through evolution.

At the same time we are increasingly able to mould ourselves and Transhumanists dream of a time in which Man can be his own Creator. When new technologies are used to cure people of diseases there is hardly any discussion, but the debate about the uses and abuses of human enhancement seems, so far, hardly to reach the general public.

Why is that? Are scientists morally obliged to propose (or make) strategic choices for the advancement of science and to do the research, if that is what society asks them to do?

The need for scientists to be sufficiently independent to be creative and explore new avenues is well recognized. But that does not mean that science is not accountable to the rest of society. Firstly, the significant investments in scientific research would justify some type of strategic governance by stakeholders and obliges the scientific community to avoid waste. Secondly, there may be unforeseen or unwanted outcomes that should not be developed further but may become available to irresponsible third parties nevertheless. Thirdly, not only the investments and the outcomes may raise moral questions, but some of the means as well. Where the conduct of the research impacts on the natural environment or the lives of people or animals, or on so called chimerae, does the aim should justify the means?

Given the exponential growth of scientific research worldwide, the moral challenges have increased proportionally. But beyond the ethical debates about what should and should not be allowed, there lies a deeper question, which, in an age in which neither God or Nature provides a moral framework, is about what it means to be human.



Bas Heijne (1960) is a Dutch writer, essayist, columnist and translator. He was born in Nijmegen and studied English language and literature in Amsterdam. Heijne won the Henriette Roland Holst Prize for the book "Hollandse toestanden" (2005) with a collection of his weekly columns from NRC Handelsblad. He published various long essays about the rise of identity politics and populism after 2001, for instance "Moeten we van elkaar houden?" (Should we love one another, 2011) For Dutch television he presented the well-received documentary series "De volmaakte mens" (The perfect human being), about the moral questions raised by new technologies.

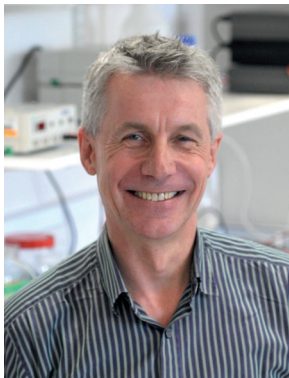
Keynote lecture, Tuesday 14 June 2016

Creating a comprehensive catalogue of mammalian gene function in the mouse

Brown, S.

and the International Mouse Phenotyping Consortium, www.impc.org

A major challenge facing mammalian genetics over the next decade is the systematic and comprehensive annotation of mammalian gene function. As part of the International Knockout Mouse Consortium, several programmes are ongoing to generate conditional mutants for all mouse genes. An even greater challenge will be the determination of phenotypic outcomes for each mutation and the identification of disease models. The International Mouse Phenotyping Consortium (IMPC, www.impc.org) is undertaking the development of a comprehensive Catalogue of Mammalian Gene Function. The IMPC incorporates 20 major mouse centres around the world that undertake mouse production and phenotyping. The IMPC programme has two phases: Phase 1, 2011-2016, is approaching completion and will deliver the phenotypes of around 5000 mouse mutant lines; Phase 2 from 2016-2021 will undertake the analysis of the remaining genome. IMPC centres operate a core, standardised, broad-based adult phenotyping pipeline encompassing the major biological and disease systems, including gross pathology and tissue collection as a mandatory requirement. Many centres have also begun to employ a standardised embryonic phenotyping pipeline to analyse the many homozygous lethals, incorporating an assessment of time of lethality and morphological defects. In addition, lacZ expression data is being collected for adult organs and E12.5 embryos. All data from each production and phenotyping centre is uploaded to a central Data Coordination Centre (DCC), and following QC and analysis is archived and disseminated to the wider biomedical sciences community along with appropriate annotation tools. In the first 4 years of the programme, nearly 8000 ES cell lines have been injected, over 5000 mouse mutant lines generated and phenotype data from nearly 3500 mutants collected at the DCC. We will describe many new insights into the genetic and molecular bases of disease, report the generation of numerous novel disease models, and elaborate a fundamental appraisal of the pleiotropic landscape of mammalian gene function.



Steve Brown is Director of the Medical Research Council's Mammalian Genetics Unit at MRC Harwell, Oxford, UK. He did his PhD at Cambridge University in genetics and before he joined the MRC, he was Professor of Genetics at Imperial College, London. His research interests cover mouse functional genomics, including the use of mouse mutagenesis and phenotyping approaches to study the genetic basis of disease and to develop pre-clinical disease models. A particular focus has been the use of mouse models to study the molecular basis of genetic deafness. He has initiated a substantial research effort in the genetics of otitis media or glue ear, a common cause of hearing loss in children, employing mouse models to elaborate the key genetic pathways involved and develop novel therapeutic strategies. He is currently Chair of the international steering committee for the International Mouse Phenotyping Consortium (IMPC) that is establishing a comprehensive catalogue of mammalian gene function by the generation and phenotyping of a mutant for every gene in the mouse genome. He is a Fellow of the Royal Society, a Fellow of the Academy of Medical Sciences and a member of EMBO.

FELASA award lecture, Wednesday 15 June 2016 Education, training and learning – some personal reflections

Howard, B.R.

There is currently considerable emphasis on education and training as a way of enhancing the quality of what we do, minimising the number of animals used and the impact on their welfare. It is seen as improving standards of animal care, enhancing skill levels of those who perform scientific procedures, and enhancing experimental design – for example using animals only when essential and then the smallest number and with the most refined and robust techniques.

I argue that we need to see education and training in a wider context than this and to critically assess effectiveness of its delivery.

Most commonly, training and education in laboratory animal science and technology is delivered in the form of structured courses often to a restricted number of candidates and over a relatively short time period. In the case of animal care staff and laboratory animal veterinarians, taught courses are generally of longer duration and interspersed with periods of training in practical techniques. "Students" may come from widely varying backgrounds not only in relation to their work experience but also their previous educational attainment and course delivery needs to take account of these widely varying starting positions. Those designing and presenting education and training programs need to take account of variations in individual learning styles, ensuring that all participants are motivated to participate in deep learning and understanding.

I strongly believe that education is simply the process of assisting learning, and I place emphasis on the effectiveness of learning rather than the way material is presented. In fact, it has been my experience that persons attending FELASA function a- and to some extent also function b- courses, have already acquired most of the knowledge needed to enable effective performance in the workplace; the purpose of education is principally to promote reflection and ordering of that knowledge so as to make it useful in the workplace.

The development of technical expertise is a different matter requiring students to learn practical skills in a humane setting and sometimes to expunge bad habits and replace them with new ones.

Particular problems arise with current trends toward the harmonisation of education and training. Although the aim of such efforts is laudable, implementation is beset with traps for the unwary. Most frequently, harmonisation focuses on the delivery of education and training – broadly similar timetables, teaching styles and materials, and some form of examination or assessment at the end. A pupil who has had the stamina to sit through such a course and has mugged up sufficient factual knowledge to complete a relatively straightforward examination immediately afterwards is not necessarily an effective caretaker or researcher. What matters is whether he or she is competent to carry out their duties in an effective, compassionate way.



Bryan Howard is the FELASA award winner 2016.

FELASA established in 2007 a triennial Award to recognize a significant contribution towards laboratory animal science through publications and engagement that could lead or has led to changes or improvements into how animals are utilized in research, testing or education that is consistent with FELASA's aims and objectives.

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Scientific Programme

Sessions and workshops

Streams

- A. Models by design
- B. One health
- C. What animals tell us
- D. On the safe side
- E. One Europe
- F. Governance

Session codes

2nd letter = stream

M=Main session

numbers = session number

last letters:

W=Workshop

S=Seminar

WE=Workshop organized by Exhibitor

Workshops marked with a * were to be preregistered for prior to the congress.

Monday 10:30-12:00

COPPER HALL

OF6M Animal Welfare Body – how to realise its potential

OF6M1 The Animal Welfare Body and its tasks
David Anderson, Advisor to European Commission

OF6M2 The role of the National Committees in supporting the AWB
Michael Gaynor, Irish National Committee

OF6M3 Jump-starting' the implementation of Animal Welfare Bodies in Portugal: a challenge for all stakeholders
Nuno Franco, Universidade do Porto

OF6M4 Aware of quality: risk based quality assurance in the academic setting
Peternella Verhave, Utrecht University

OF6M5 Implementing the AWB in the UK - developing a culture of care with the Animal Welfare and Ethical Review Body (AWERB)
Penny Hawkins, RSPCA

SILVER HALL

OE1M Education and Training of Animal Care Staff

OE1M1 Provision of Training, Education and Qualification for Animal Care Staff
Ken Applebee, Institute of Animal Technology (IAT)

OE1M2 Clinical monitoring in a 45 000 mice breeding facility
Isabelle Da Cruz, ICS

211&212

OA9M What happens inside? Which imaging technology for my research?

OA9M1 Preclinical and Translational Imaging
Sally-Ann Emmas, AstraZeneca

PA94 A novel approach allows repeated rapid arterial blood sampling in rodents and results in a reduction of animal use in quantitative PET imaging
Jurgen Sijbesma, University Medical Center Groningen

PA42 Rat brain volumetric differences related to domestication.
In vivo 7T MRI study in wild rats vs. albino and pigmented laboratory rats
Marlena Kaminska, Polish Academy of Sciences

PA90 The effect of cage height on bone density of growing Wistar rats
Ismene Dontas University of Athens

OA9M2 Imaging neuroinflammation in neurotrauma models: impact on translational studies
Jordi Tremoleda, Queen Mary University London

Monday 14:00-15:30

COPPER HALL**OA7M Microbiota and animal models**

- OA7M1 The mouse gut microbiome revisited: from complex diversity to model ecosystems
Thomas Clavel, Technical University of Munich
- OA7M2 The impact of diet and gut microbiota modulation on disease expression in experimental animal models
Denis Nielsen, University of Copenhagen
- OA7M3 Sensitivity to oxazolone induced dermatitis can be transferred with the gut microbiota between mice
Line Zachariassen, University of Copenhagen
- OA7M4 The impact of the microbial diversity on the colitis phenotype in a bone marrow chimera model
Inga Bruesch, Hannover Medical School
- OA7M5 Intestinal immune response of human microbiota-colonized C57BL/6 mice differs from that of mice colonized with a murine microbiota
Randi Lundberg, Taconic Biosciences
- OA7M6 Luminal and wall-adhered gut commensal microbiota changes after Salmonella enterica serovar Typhimurium LT2 inoculation in rats
Marina Clotas, Universitat Autò-nomade Barcelona

SILVER HALL**OE6S Mutual recognition of personnel qualifications**

- OE6S1 A Common European Education and Training Framework – is Mutual Recognition Achievable?
David Smith, ETPLAS
- OE6S2 NCLASET – Nordic Consortium for LAS Education and Training
Nikkola Matti, NCLASET
- OE6S3 Teaching, training and assessment of practical skills - the challenge of harmonisation
Klas Abelson, University of Copenhagen
- OE6S4 Education in Primate Research: The EUPRIM-Net Laboratory Animal Science Course
Valeska Stephan, German Primate Center

211&212

- OE4S Moving lab animals

213&215

- OS7WE The Vital Role In Vivo Research Plays in Drug Discovery
– Personal Experiences From Today's Translational
Science
R.Cortese, Okairos & L.Guidotti, Ospedale San Raffaele


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Monday 16:15-17:45

COPPER HALL**OE2M Implementation of Dir 2010/63: status and challenges**

- OE2M1 Identifying and overcoming "Grey Zones" arising from the implementation of Directive 2010/63/EU
Dolores Bonaparte, Fundacao Champalimaud

SILVER HALL**OE8M International Accreditation of Programmes: A Tool for Harmonization**

- Javier Guillen
- OE8M1 The Use of Performance Standards for the Accreditation of Animal Care and Use Programmes
Javier Guillen, AAALAC International
- OE8M2 Global Harmonization of Performance-Based Standards in a Contract Research Organization
Lynn Anderson, Covance
- OE8M3 Implementation of performance standards as key drivers for improving animal welfare and harmonizing practices in the pharmaceutical industry
Violeta Solis, GlaxoSmithKline
- OE8M4 Accreditation of animal care and use to leverage the harmonization of animal welfare
Thierry Decelle, Sanofi

211&212**OD2S Good care practice for aquatic species: zebrafish and Xenopus spp**

- OD2S1 How poor nutrition or feeding practice impact aquatic animals health
Emmanuel Leguay, Vetofish
- OD2S2 How to manage the water quality
J-P Mocho, The Francis Crick Institute
- OD2S3 Health monitoring in fish and amphibians
Ronald de Boer, QM Diagnostics

213&215**OA10W Imaging**

- OA10W1 Seeing more matters: A short introduction to Ultrasound imaging in preclinical research with a focus on Reduction and Refinement.
Sandra Meyer, FUJIFILM VisualSonics Inc
- OA10W2 Introduction to Optical and Multimodal Imaging In Vivo: 2D and 3D Imaging of Luminescent and Fluorescent Signals in Combination with μ CT and PET Imaging Data
Ronald Koop, PerkinElmer
- OA10W3 MRI for preclinical research
Martin Ilg, Bruker BioSpin MRI
- OA10W4 Practical experimental and welfare considerations for preclinical imaging
Jordi Tremoleda, Queen Mary University London

216**OC5W Classification and reporting of severity**

- David Smith & David Anderson
- OC5W1 Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus (REPEAT 1)
David Anderson, LASA, UK

Tuesday 8:00-9:30

COPPER HALL

OA1M Genetic modification – technologies and pitfalls

- OA1M1 Genetic Engineering in Biomedical Research: Three Decades of in-vivo Models Culminating in CRISPR/Cas9 Technology
Boris Jerchow, Max Delbrück Center
- OA1M2 Passenger mutations confound interpretation of all congenic knockout mice
Tom Van den Berghe Ghent University
- OA1M3 Epigenetics can influence fertility and health in offspring
Ann Van Soom Ghent University
- OA1M4 Functional relevance of the non-coding genome in the establishment of the phenotype
Lluís Montoliu, CNB-CSIC & CIBERER-ISCI

SILVER HALL

OB6S From comparative medicine to animal models

- OB6S1 Animal models of pain: anatomy, physiology and comparative considerations
Adalberto Merighi, University of Turin
- OB6S2 Scrapie prions: etiological agents of sporadic Creutzfeldt-Jakob disease in humans?
Herve Cassard, ENVT and INRA
- OB6S3 The Horse as Model for Osteoarthritis Research – Research Tools vs. Stakeholders
Annemarie Lang, Charité University Medicine

211&212

OF7S Global animal welfare and use strategy fostered by global companies

- OF7S1 Drivers and Barriers for the implementation of 3Rs Principle. An industry perspective
Denis Lambrigts, GlaxoSmithKline
- OF7S2 An industry approach to animal welfare – Novo Nordisk bioethical set-up is now also including a dedicated 3R Department to ensure a strategic approach
Kirstine Ovlisen, Novo Nordisk
- OF7S3 Animal Welfare Bodies and IACUC – One International Laboratory Animal Breeder's Approach to Common Oversight Challenges across a Distinct Regulatory Landscape
Sandra Buhl, Taconic Biosciences
- OF7S4 The importance of global standards and principles to ensure high animal welfare and good collaboration when working with external partners
Jesper Hansen, Novo Nordisk

213&215

OA4S 3Rs in toxicology

- OA4S1 Application of the 3Rs in regulatory toxicology
Sally Robinson, AstraZeneca UK
- OA4S2 Comprehensive in vitro Proarrhythmia Assay (CiPA) testing paradigm: an opportunity to apply the 3Rs
Jean-Pierre Valentin, UCB Pharma
- OA4S3 Animal-free methods for better understanding toxicity in humans
Erwin Roggen, 3Rs Management & Consulting ApS

214&216

OD7W Operational challenges of Germ Free models development

- OD7W1 Implementation of a Gnoto/Axenic Facility: a case report from the Instituto Gulbenkian de Ciência
Joana Bom, Instituto Gulbenkian de Ciência
- OD7W2 Gnotobiotic Unit at the Central Animal Facility and Institute for Laboratory Science of the Hannover Medical School
Marijana Basic Institute for LAS
- OD7W3 Maintaining and Monitoring the Microbiological Status of Gnotobiotic Rodents
Silke Glage, Hannover Medical School
- OD7W4 Use of Hermetically Sealed, HEPA-Filtered, Positive-Pressure Cages for Experiments with Gnotobiotic Mice
Charlie Hsu, University of Washington

201**OE7W e-Learning**

OE7W1 E-learning resources to meet the requirements of the EU 2010/63
 Paul Flecknell, Newcastle University

OE7W2 Meet the need: education for laboratory animal science as recommended by the EU using the online learning tool LAS interactive
 Nicole Linklater, Philipps-Universität Marburg

Discussion on accreditation of elearning courses
 FELASA ABET and course organisers

Tuesday 10:15-11:45**COPPER HALL****OE3M Roles and competences of designated veterinarians**

OE3M1 European framework for training veterinarians in Laboratory Animal Medicine: Developing cohesive training approach from Day-One competency to Dip(ECLAM)
 Ghislaine Poirier, ECLAM

OE3M2 The French veterinary specialization in Laboratory Animal Science and Medicine: a status report
 Martine Kolf-Clauw, Veterinary School of Toulouse

OE3M3 The FELASA accredited online educational programme for the competent designated veterinarian in laboratory animal facilities
 Axel Kornerup Hansen, University of Copenhagen Silver Hall

SILVER HALL**OC3M Automated welfare/behavior monitoring**

OC3M1 Monitoring rodent behavior in a home cage environment: automation enhances research quality, efficiency and animal welfare
 Lucas Noldus, Information Technology BV, Wageningen

OC3M2 Experiences from using sensor technology in measuring behaviour for production animals at farm level and in the production chain
 Kees Lokhorst, Wageningen UR

OC3M3 Physical basics of the Electromagnetic Fields (EMF) that surround us; what are they, how do they occur? Can this phenomena be used to help with our culture of care?
 John Hasenau, Lab Animal Consultants

OC3M4 Exposure of mice to low intensity EMF
 Camilla Recordati, Veterinary Pathologist

211&212**OC6S What zebrafish tell us...: do's and don't?**

OC6S1 The perennial debate on applying animal welfare standards to fish and the implications for fish husbandry and procedures
 Paul Schroeder, Animal & Plant Health Agency, UK

OC6S2 Exploring suitable analgesics in zebrafish - a combined approach
 Paul Schroeder, Animal & Plant Health Agency, UK

OC6S3 Bringing the 3Rs to the zebrafish
 J-P Mocho, The Francis Crick Institute

OC6S4 Relevant environmental enrichment for laboratory fish - a review
 Paul Schroeder, Animal & Plant Health Agency, UK

213&215

OA5W VALUES AND LIMITATIONS OF ANIMAL MODELS

OA5W1 Enhancing reproducibility of in vivo preclinical research: The Innovative Medicines Initiative Collaborative model
Elisabetta Vaudano, Innovative Medicines Initiative

OA5W2 The value of animal models and their limitations: The minipig
Claudia Senn, Roche Innovation Center

OA5W3 Animals in Basic Research: Modeling Human Congenital Malformations in Mice
Aimee Zuniga, University Of Basel Medical Faculty

214&216

OE5S Implementation and accreditation of LAS courses according to the Directive

OE5S1 Best practices and implementation of the 3Rs in FELASA accredited courses based on an audits' retrospective analysis
Martine Kolf-Clauw, FELASA Accreditation Board for Education & Training

OE5S2 FELASA Accreditation of Education and Training Courses in Laboratory Animal Science: what does the past tell us and how will the future look like
Marcel Gyger

OE5S3 The impact and perception of FELASA Accreditation in Europe
Ana Isabel Santos

OE5S4 Quality system of Laboratory Animal Science education in an academic setting
Rene Tolba, RWTH Aachen University

OE5S5 One World – The Influence of Shared European Values on LAS in Africa: Harmonisation of Ethics, Standards, Education, Training, Accreditation and Regulated Procedures
Bert Mohr, University of Cape Town

201

OS3WE Advanced Cryopreservation Methods: New Ways to Manage GM Mouse Colonies

OS3WE1 Advanced Cryopreservation Methods: New Ways to Manage GM Mouse Colonies
Robert Taft, The Jackson Laboratory



OS3WE2 Reproductive sciences: another method to manage your breeding of transgenic rodents
Frederic Guinut, Janvier Labs

204

OS2WE Successful maintenance of a rodent colony to support oncology

Stephen Hillen & Graham Tobin, Envigo



Tuesday 14:15-15:45

COPPER HALL

OD3M Diets - can we control the bias?

OD3M1 Quality Control of Diets. Testing of nutrients and contaminants for GLP and other studies: past, present and future
Graham Tobin, Envigo

OD3M2 Control diet in trial: comparison with standard or customized diets?
Dominique Martel

OD3M3 Minimizing the risk of introducing parvovirus through food by irradiation or autoclavation
Wieke de Bruin & Esther van de Ven, QM Diagnostic

SILVER HALL**OF2S Public Opinion**

OF2S1 The ECI on animal research. Can myths shape debate on Directive 2010/63?
Example of a European Citizens Initiative
Magda Chlebus, EFPIA

OF2S2 Speaking of Research
Kirk Leech, EARA

OF2S3 What do people working with animals in research think about other uses of animals in society?
Norman Mortell, Agenda Life Sciences

213&215**OA2S Optimising the validity of behavioural laboratory animal science**

OA2S1 Guiding Principles in Behavioural Laboratory Animal Science
Clare Stanford, University College London

OA2S2 What aspects of behavioural studies concern the regulators?
Anne-Marie, Farmer Consultant

OA2S3 Effect of housing environment on the emotional state and welfare of laboratory mice
Elin Spangenberg, Swedish University of Agricultural Sci.

OA2S4 Curious and shy male rats behaviour in different environmental conditions
Szabo Gyorgyi, Semmelweis University

OA2S5 Effects of Reversing Light-Dark Cycle Following Transfer and Re-housing, on Behavioural and Physiological Parameters in Rats
Johanna Arts, Envigo

214&216**OD1S Cephalopods as Laboratory Animals – Back to the Future**

OD1S1 Cephalopods as Laboratory Animals: from classical 'use', to Guidelines and towards mandated minima
Graziano Fiorito, Stazione Zoologica
Anton Dohrn

OD1S2 Training and certification for the collection of wild cephalopods
Joao Pereira, Instituto Português do Mar

OD1S3 A strategy to approach 'welfare' assessment in cephalopods: the case of the common octopus (*Octopus vulgaris*)
Lars Stein, Institute of Marine Research

OD1S4 Experiments with Cephalopods: from best practice and protocols to 'procedures'
Ludovic Dickel, Université de Caen

OD1S5 Developing training opportunities for cephalopods: the Cephs InAction experience
Viola Galligioni, FNUSA-ICRC, Brno

201

OS6WE How Automated EMF Home Cage Monitoring supports both Science and Animal Welfare
sponsored by Tecniplast

**Tuesday 16:30-18:00****COPPER HALL****OA8S Translational Relevance of Animal Models**

OA8S1 Improving translational qualification of Discovery R&D animal studies
Joanne Storey, GlaxoSmithKline

OA8S2 The translation-standardisation paradox: on the added-value of translational strategies
Frans Stafleu, Ethics Institute Utrecht University

OA8S3 Aquatic models – The "world" of aquatic animal models behind zebrafish
Hugo Santos, CIIMAR

OA8S4 Challenges for modelling traumatic injury: from Bench to Bedside and Back
Jordi Tremoleda, Queen Mary University London

SILVER HALL

OF1M Public communication

OF1M1 Animal Research: Time to Talk!
Kirk Leech, EARA

OF1M2 GIRCOR - Who are we? Missions and commitments
Ivan Balansard, GIRCOR

OF1M3 Research4Life: an Italian platform for science advocacy
Giuliano Grinashi, Research4Life

OF1M4 Informing the public on animal research
T. Coenen, W. Frieling, M. Fentener, SID

OF1M5 The Basel Declaration Society, a network of scientists campaigning for the necessity of continued animal experimentation
Aimee Zuniga, Basel Declaration Society

OF1M6 Improving public communication on animal research in the UK
Wendy Jarrett, CEO UAR

211&212

OC4S Welfare and severity assessment tools

OC4S1 AWAG: an easy to use software system for assessing the lifetime experience of animals
Mike Dennis, Public Health England

OC4S2 Validation of a novel biomarker of cumulative experience of non-human primates involved in biomedical research
Colline Poirier, Newcastle University

OC4S3 Refinement in NHP models: An innovative automated tool to assess cognitive abilities in group-housed macaques
Fanelie Wanert, Silabe ADUEIS

OC4S4 The institution implemented a guidance for the use of scientists, technicians and animal care personnel to implement a harmonized approach to actual severity (REPEAT 2)
Sophie Picavet, GlaxoSmithKline

213&215

OC5W Classification and reporting of severity

OC5W1 Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus (REPEAT 2)
David Anderson, LASA, UK

214&216

OS4WE Criticality of Genetic Quality in Genetically Modified Animal Models
Michelle Simon, MRC Harwell
Ana Perez, Taconic



201

OS9WE Challenges and possibilities for sterilizers in BioContainment applications
Joakim Larsson, Getinge



Wednesday 8:00-9:30
COPPER HALL
OF5M Rehoming animals used for regulated procedures

- OF5M1 Rehoming of laboratory animals – analyzing animal welfare pitfalls and presenting possibilities
Christel Moons and Katleen Hermans, Ghent University, in collaboration with Piet Dierckx, Janssen Pharmaceutica and Kim Willoughby, Home Office

SILVER HALL
OD5M Health Monitoring of rodents

- OD5M1 Revised Recommendations for the Health Monitoring of Rodent and Rabbit Colonies - FELASA Working Group (2014)
Marcello Raspa, CNR
- OD5M2 Contemporary approaches to optimal rodent health monitoring
Massimo Foa, Idexx Bioresearch
- OD5M3 Exhaust Air Dust Monitoring is Superior to Soiled Bedding Sentinels for Detection of Pasteurella pneumotropica in Individually Ventilated Cage Systems
Manuel Miller, Helmholtz Zentrum
- OD5M4 High-Resolution Melting Curve Analysis for Identification of Pasteurellaceae Species in Experimental Animal Facilities
Manuel Miller, Helmholtz Zentrum

211&212
OB2S Use of NHP in biomedicine

- OB2S1 Non-human Primates in Research
Jan Langermans, BPRC
- OB2S2 Vaccine Development Using Non-Human Primate Models: Bridging One Health and Biomedical Science Through a Translational Research Program
Diana Scorpio, NIH
- OB2S3 The need for better justification of research using non-human primates
Ian Ragan, NC3Rs
- OB2S4 Validation of a Multiplex Antibody Diagnostic Test for Tuberculosis in NHP
Rajeev Dhawan, Charles River Laboratories

213&215
OB7S Working in high biocontainment (level 3-4)

- OB7S1 Challenges of Working with Large Animals in a High-Containment Facility
Daniel Kumin, IVI
- OB7S2 Practical and Operating Issues of Autoclaves associated with High Containment Facilities
Heather Sheeley, Public Health England
- OB7S3 IVC biocontainment units and suitable bio-cabinets
Patrick Hardy, Allentown

214&216
OA6S Sharing information: fewer experiments for more knowledge

- OA6S Jan van der Valk & Jan-Bas Prins
- OA6S1 Data sharing: Convert challenges in opportunities
Ana Sofia Figueiredo, Otto von Guericke University
- OA6S2 3Rs databases: a shared responsibility for the common cause?
Maite van Gerwen, 3Rs-Centre Utrecht Life Sciences
- OA6S3 Randomised block (RB) experimental designs should replace completely randomised (CR) designs in animal research
Michael Festing, Consultant

Wednesday 10:15-11:45

COPPER HALL

OF11M Culture of care: challenging the status quo

OF11M1 Culture of Care – from words to action
Susanna Louhimies, European Commission

OF11M2 Understanding the needs to develop and implement a culture of care
Kirsty Reid, Eurogroup for Animals

OF11M3 How to measure Culture of Care as in indicator of animal welfare
Thomas Bertelsen, Novo Nordisk

OF11M4 Small Refinements = Large Enhancements to Science and Animal Welfare
Optimizing the conduct and implementation of animal studies
Susanne Rensing, Abbvie Deutschland

OF11M5 Questionnaires developed from focus interviews in Danish laboratory animal facilities revealing striking differences between public and private sector scientists on the 3Rs
Jesper Lassen, University of Copenhagen

SILVER HALL

OD6M Health Monitoring of zebrafish

OD6M1 Monitoring health of zebrafish
J-P Mocho, The Francis Crick Institute

OD6M2 Analysis of a Zebrafish Health Program allows characterization of the most prevalent signs, lesions and pathogens in a research facility and quarantine policy efficacy
Ana Borges, Instituto Gulbenkian de Ciência

OD6M3 Environmental and ante mortem samples for zebrafish health monitoring and quarantine
Marcus Crim, Idexx BioResearch

OD6M4 RESAMA: an aquatic research facility health monitoring network
E. Leguay, Vetofish
F. Sohm, AMAGEN

211&212

OD9S What's new in Occupational Health and Safety?

Catriene Thuring

OD9S1 Critical Elements in the Occupational Health and Safety Program: The AAALAC International Perspective
Kathryn Bayne, AAALAC International

OD9S2 Laboratory Animal Allergy (LAA) Program: Risk Based Assessment Process to Control Exposure
Guy de Vroey, Janssen R&D

OD9S3 Pathogen Contamination of Human Tumors and Patient-derived Xenografts
Robert Livingston, Idexx BioResearch

OD9S4 The Human in the animal facility: Keep healthy by awareness and recognition of danger
Marc Fluttert, University of Leiden

213&215

OB1S 3Rs and severity affected by biocontainment of pathogens

OB1S1 Is biocontainment incompatible with animal welfare?
Mats Spangberg, Karolinska Institutet

OB1S2 Review of welfare management and refinement implementation: constraints in different levels of containments for rodents, carnivores and agricultural species
M.-L. Cortes-Dubly, Merial R&D
E. Ecuier, Sanofi-Pasteur

214&216

OF10W Facility Management Team

OF10W1 How Facility Management can assure compliance and Governance helping you to sleep easier at night?
Mathew Sanderson, Agenda Lifescience Europe

201

OS1WE Integrating Environmental Sampling into Animal Health Monitoring
Lela Riley, Robert Livingston Idexx Bioresearch

**Wednesday 14:15-15:45****COPPER HALL****OB4M LAS and Societal Issues**

OB4M1 Over nutrition: a societal issue that affects our animals
Charlotte Bjornvad, University of Copenhagen

OB4M2 Environmental issues: should users have concerns with Lab Animal diet?
Dominique Martel, SAFE

OB4M3 Making Replacing Primate Experiments Possible: Unconventional Recommendations of how to Progress
M. Hudson-Shore, FRAME

SILVER HALL**OA3S Scientific reporting - LAL seminar**

OA3S1 How to publish in Laboratory Animals, the official Journal of FELASA
Beat Riederer Laboratory Animals

OA3S2 Link between quality of reporting and evidence-based approach of systematic reviewing in animal research
Marlies Leenaars, SYRCLE

OA3S3 Good Reporting Practice for Manuscripts in the Life, Health, Veterinary, and Agricultural Sciences
Arieh Bomzon, ConsulWrite

OA3S4 Scientific writing in Laboratory Animal Science - Point-of view of a researcher
Paulin Jirkof, University Hospital Zurich

211&212**OC2S 3Rs in Parkinson's disease research**

OC2S1 Development of a method to examine the therapeutic potential of non-dopaminergic drugs in the unilateral 6-OHDA-lesioned rat model of Parkinson's disease
Anne Michel, UCB Pharma

OC2S2 Non-Human Primate research to support development for novel pharmacological treatment of Parkinson's Disease
Enrique Rodriguez, Encepharm

OC2S3 Behaviour and neurophysiology in the validated MPTP marmoset model for idiopathic Parkinson's disease
Ingrid Philippens, BPRC

213&215**OSFE1 FELASA on the way to the future**

OSFE11 FELASA today and tomorrow - a growing pan-European scientific network
Heinz Brandstetter, FELASA

OSFE12 Impact of FELASA working groups on animal welfare and experimental research
A-C Eklof, FELASA

OSFE13 International Liaisons: FELASA projection beyond European boundaries
Belen Pintado, FELASA

OSFE14 AALAS-FELASA relation and joint projects
Laura Conour, AALAS

OSFE15 ICLAS-FELASA collaborations and achievements
Patri Vergara, ICLAS

214&216**OF9W Institutional transparency**

OF9W1 Experiences of openness: how the Concordat on Openness works in the UK
Bella Williams, UAR

OF9W2 Critics welcome! Public communication on animal experiments and 3Rs
Harry Blom, Utrecht University

201

OS8WE A review of the evolution of animal health surveillance
A. Kerton, ICL, S. Durand & K. Henderson, Charles River



Wednesday 16:30-18:00

COPPER HALL

OC7M Defining humane endpoints

OC7M1 Humane end points: help or hindrance
Alex Vugler, UCB Pharma

OC7M2 Assessing the potential for pain in invertebrates
Robert Elwood, Queen's University Belfast

SILVER HALL

OD8M Laboratory animal facilities designed to add value and cut costs

OD8M1 Lean, Green and Clean – Approaches to Vivarium Design that will save you operational cost and environmental impact
Jeffrey Zynda, Perkins + Will

OD8M2 How Lean can support efficiency of Laboratory Animal facilities operations
Alberto Gobbi, European Institute of Oncology

OD8M3 Evaluation of the Toxicity and Potential Oncogenicity of Power Frequency (50/60 Hz) Magnetic Fields in Models Used for Hazard Identification and Safety Assessment
David McCormick, IIT Research Institute

OD8M4 Technology as aid to effectively address the stink about ammonia
Jan-Bas Prins, Leiden University Medical Centre

213&215

OF3S Statistical reporting and NTSs (transparency by Directive)

OF3S1 Improving statistical data on animal use in the EU
Susanna Louhoumies, European Commission

OF3S2 Spanish experience reporting under art.54.2 of Directive 2010/63/EU
Pilar Leon, MAGRAMA, Spain

OF3S3 Users experience, good practice and challenges to implement new statistical reporting under Directive 2010/63/EU
Sally Robinson, AstraZeneca UK

OF3S4 A review of EU non-technical summaries; good and bad practices
Katy Taylor, ECEAE

OF3S5 Germany's web-based solution for publishing non-technical summaries
Justyna Chmielewska, Federal Institute for Risk Assessment

214&216

OE9S National and International 3Rs programmes and reference labs

OE9S1 NC3Rs: Pioneering better science through application of the 3Rs
Katie Lidster, NC3Rs

OE9S2 A presentation of the Danish 3R-Center, its organisation, mission, tasks, projects and future plans, with a special focus on the funding of 3R-research project
Tom Bengtson, Danish 3R Center

OE9S3 Norecopa: Guidelines, databases and other 3R-resources for animal research
Adrian Smith, Norecopa

OE9S4 EPAA, a partnership to facilitate regulatory acceptance of alternative methods
Gianni Dal Negro, GlaxoSmithKline

201

OS5WE Health monitoring sample collection - 3R innovative, non-terminal techniques
A. Udobi, M. Foa, Idexx BioResearch



Thursday 9:00-10:30**COPPER HALL****OC1S 3Rs in immunology**

OC1S1 The 3Rs and animal models involved in immunology research
Gillian Watt, UCB Pharma

OC1S2 3Rs in vaccines manufactures: a strategic focus, more than a moral and legal obligation
Denis Lambrigts GSK Vaccines

OC1S3 Comparative cytokine and Toll-like receptor gene expression profile in mucosal-like mast cells derived from B6.129P2-II10tm1Cgn/J (IL-10 KO) and C57BL/6J (WT) mice
Roberto Riquelme, Universitat Autònoma de Barcelona

SILVER HALL**OD10S Training NHP and Large Animals for better science, safety and welfare**

Martje Fentener & Benjamin Bodart

OD10S1 PRIMTRAIN: A COST Action for training and animal behavioural management in non-human primates and other large laboratory animals
Valeska Stephan, German Primate Center

OD10S2 Never wrestle with a pig...
Dorte Sorensen, University of Copenhagen

OD10S3 Passive desensitisation in non-human primates leads to a better result in operant conditioning
Annet Louwerse, BPRC

OD10S4 Preparing dogs for study life: improving welfare, efficiency and data output
Laura Hall, University of Stirling

211&212**OF8S LAS with the Wild**

OF8S1 Regulating the scientific use of wild, feral and free-living animals in the UK
Kim Willoughby, Home Office, UK

OF8S2 Wildlife research in practice
Arie van Noordwijk Netherlands Institute of Ecology

213&215**OC5W Classification and reporting of severity**

OC5W1 Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus (REPEAT 3)
David Anderson, LASA, UK

Thursday 11:15-12:45**COPPER HALL****OB5M Epilepsy: a model of comparative medicine**

OB5M1 Challenges and opportunities in therapy of human epilepsy
Rafal Kaminski, UCB Pharma

OB5M2 Epilepsy and seizure dogs: to live again...
Caroline Thienpont, Hachiko

OB5M3 Opportunities for improving animal welfare in rodent models of epilepsy and seizures
Katie Lidster NC3Rs

OB5M4 Harm-benefit analysis in epilepsy models
Kate Chandler, Home Office, UK

SILVER HALL

OF4S Harm-Benefit analysis in a global context

OF4S1 Report from the AALAS - FELASA working group on harm-benefit analysis of animal studies
Aurora Bronstadt, University of Bergen

OF4S2 Promoting consistency in Project Evaluation under Directive 2010/63/EU
David Anderson, Advisor to European Commission

OF4S3 ANIMPACT: Mapping European diversity under Directive 2010/63/EU and proposing tools to increase dialogue
Anna Olsson, Institute Research and Innovation

OF4S4 30 years of experience in the ethical evaluation of animal experiments: a new era
Nelleke Verhave, Utrecht University

211&212

OB3S Comparative medicine of infectious diseases

OB3S1 Non-human primate aerosol challenge models of tuberculosis: Advanced in-life imaging to refine and improve efficacy studies for TB vaccines and therapies
Sally Sharpe, Public Health England

OB3S2 Influenza and other emerging viruses: benefits and limits of animal models
Ron Fouchier, Erasmus MC

OB3S3 A bovine natural-host infection model to evaluate strategies against Respiratory Syncytial Virus for the combat of lower respiratory tract infections in kids and calves
Rineke de Jong, Wageningen UR

OB3S4 Safe science? Contemporary risks for humans and animal health - Taking risks with today's guidelines
Massimo Foa, Idexx Bioresearch

213&215

OD4S What teleostean fish tell us

OD4S1 From the bush to the bench: the annual fish *Nothobranchius furzeri* provides novel insights in the biology of aging
Alessandro Cellerino, Scuola Normale Superiore

OD4S2 Medaka fish as a model system in biomedical research
Federica Naso, Telethon Institute of Genetics

OD4S3 Husbandry, welfare and health aspects of the shortest-lived vertebrate, the annual teleost fish *Nothobranchius*, a newly established model organism
Alessia Montesano, Leibniz Institute on Aging

OD4S4 Housing and caring for three spined sticklebacks (*Gasterosteus aculeatus*) in a research aquarium facility
Carl Breacker, University of Leicester

Are you looking for practical scientific solutions for environmental health monitoring at FELASA 2016?

Visit our seminar & workshop on Wednesday and receive updates on the scientific and practical sides of environmental health monitoring.

If you want to be sure of a seat, register online: felasa2016.eu/pre-registration-workshops/

Wednesday Morning

Integrating environmental sampling into animal health monitoring programs.

In this seminar, the advantages and limitations of various environmental and animal-based sampling approaches will be discussed.

Examples of how to apply these testing approaches and interpret and confirm results are provided to facilitate adaptation of these methods to institutional health monitoring programs.

Presenters: L. Riley, R. Livingston, M. Crim.

Date: Wednesday, June 15th
Time: 10:15 – 11:45
Location: room 201

Wednesday Afternoon

Health monitoring sample collection 3R innovative, non-terminal techniques.

Learn how health monitoring can be conducted on environmental and non-terminal samples from rodents.

- Possibility for hand-on training on Dry Blood Spot (DBS) and swabs.
- Gain insight in testing methodologies like MFI2, RT-PCR and MALDI-TOF.
- Q&A session.

Presenters: A. Udobi, M. Foa, P. Kopp.

Date: Wednesday, June 15th
Time: 16:30 – 18:00
Location: room 201

For more details on the seminar content and bio's of the experts, visit:
www.idexxbioresearch.eu/felasa



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TECNIPLAST

Overview of sponsored workshops (by day and time)

Preregistration is limited to 2 workshops per participant, and not at the same time. Reserve lists will be kept to ensure that these workshops are fully available to who's interested (compensating for no-shows). Persons who are registered but cannot attend are kindly asked to inform the registration desk.

When the workshop starts, the doorman will admit everybody with a confirmed registration (printed on their badge). In case of no-shows, people waiting will be considered starting with the ones on the waiting list.

Monday 14:00h – 15:30h



OS7WE Charles River Seminar 1

The Vital Role In Vivo Research Plays in Drug Discovery

Riccardo Cortese (Okairos, Rome, Italy) and Luca Guidotti (Immunopathology, San Raphael Hospital, Milan, Italy) will explain how animal studies have contributed to the development of novel vaccines and antiviral drugs, and what's in the development pipeline to address the unmet needs regarding viral diseases.

Tuesday 10:15h – 11:45h



OS3WE Janvier labs

Advanced Cryopreservation Methods: New Ways to Manage Genetically Modified Mouse Colonies

Robert Taft (The Jackson Laboratory) and Frederic Guinut (Janvier Labs) will explain and illustrate the advancements in cryopreservation technologies and how these can be instrumental in the efficient management of colonies of transgenic rodents.



OS2WE Envigo

Successful maintenance of a rodent colony to support oncology drug development

Stephen Hillen and Graham Tobin from Envigo will discuss key factors regarding the breeding and maintenance of rodent colonies for anticancer drug studies.

Tuesday 14:15h – 15:45h



OS6WE Tecniplast

How Automated EMF Home Cage Monitoring supports both Science and Animal Welfare.

John Hasenau, assisted by David L. McCormick, Oliver Burman, Camilla Recordati, Jan Bas Prins and Amanda Kiliian will explain and illustrate how Electromagnetic field (EMF) technology has the potential to improve both scientific data capture and welfare assessment in animal facilities by allowing automated data collection and digitalization (e.g. animal activity) from individual cages minimizing impact on animal welfare.

Tuesday 16:30h – 18:00h



OS4WE Taconic

Criticality of Genetic Quality in Genetically Modified Animal Models

Ana Perez (Taconic) and Michelle Simon (Harwell MRC) will discuss different aspects of genetic quality when breeding genetically modified models, what encompasses genetic quality of a genetically modified animal model, what considerations need to be addressed when intercrossing them and how the substrain(s) used may affect the phenotype of the genetically modified mouse or rat models.

GETINGE GROUP
Passion for life

OS9WE Getinge

Sterilizers for BioContainment Applications

Due to the pathogenic nature of the waste material from high biocontainment facilities the use of the autoclave as a barrier between the facility and the outside world places special requirements on the autoclave design and processes used that standard autoclaves cannot fulfill. Joakim Larsson (Getinge) will explain what specific options are available to overcome these challenges.

Wednesday 10:15h – 11:45h



OS1WE Idexx seminar 1

Integrating Environmental Sampling into Animal Health Monitoring

Lela Riley (IDEXX BioResearch, Columbia, Missouri, US) will discuss the advantages and limitations of differential approaches for health monitoring including environmental sampling approaches applicable at the cage and rack level providing information that is complementary to the traditional monitoring practices of sampling colony and sentinel animals.

Wednesday 14:15h – 15:45h



OS8WE Charles River seminar 2

A review of the evolution of animal health surveillance from the bedding sentinel method to exhaust air dust (EAD) PCR

Kenneth Henderson and Stephanie Durand from Charles River, and Angela Kerton from Imperial College, will highlight the recent advances in health monitoring that promote the 3Rs while improving pathogen detection. Topics include the use of the dry blood spot and polymerase chain reaction (PCR) testing to replace or supplement the bedding sentinel method, and the introduction of exhaust air dust (EADTM) PCR.

Wednesday 16:15h – 17:45h



OS5WE Idexx seminar 2

Health monitoring sample collection - 3R innovative, non-terminal techniques

Adaobi Udobi and Massimo Foa from IDEXX BioResearch Europe will share how health monitoring can be conducted on non-terminal samples from rodents. This will include hands-on training on Dry Blood Spot (DBS) and swabs and will provide insight in testing methodologies like MFI2, RT-PCR and MAL-DI-TOF, all to be concluded by a Q&A session.

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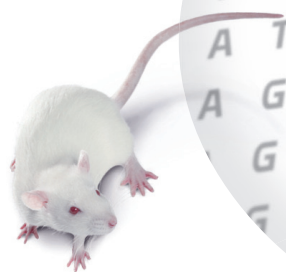


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Business meetings

These are organized satellite to the congress and only for invitees.

Monday June 13

EARA Board meeting and General Assembly 9:00h – 11:00h (rm 213&215)

Tuesday June 14

CRL business meeting	10:15h – 11:45h (rm 202)
11:45 – lunch for non-participants (exh. hall)	
AAALAC ad hoc specialists and consultants	13:15h – 14:15h (rm 202)
ICLAS board	14:15h – 16:15h (rm 202)
COST action Cephalopods	16:30h – 18:00h (rm 202)
FELASA accred. course organizers	17:00h – 19:00h (rm 204)*
*please check, could be earlier	

Wednesday June 15

LAL AGM	10:15h – 11:45h (rm 214)
ECLAM AGM	12:45h – 14:15 (rm 214&216)
SCAND-LAS AGM	12:45h – 14:15 (rm 201)
LAL Jubilee Ceremony	16:30h – 18:00h (rm 211&212)

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Awards

FELASA-award

FELASA established in 2007 a triennial Award to recognize a significant contribution towards laboratory animal science through publications and engagement that could lead or has led to changes or improvements into how animals are utilized in research, testing or education that is consistent with FELASA's aims and objectives.

The award will be presented on Wednesday June 15. **Bryan Howard** is the FELASA award winner 2016.

Poster-award

The organizing associations (BCLAS, NVP and BV) will give prizes to award three selected posters (based on the review by the Scientific Committee). Winners need to collect them in person at the occasion of the Closing Ceremony (the winning team needs to be represented).

Publications

The abstract book will be available at the congress and contain the abstracts on posters, free communications and invited speakers. Full papers resulting from sessions or presentations are welcome for submission to *Laboratory Animals* and will be subject to full peer review. A reference to the FELASA congress will be made in case of publication.

Social Events

Welcome reception

The welcome reception will take place on Monday 13 June 2016 from 18:00 till 20:00 in the exhibition hall. This is at the first day of the scientific programme and offers quality time to meet old and new friends.

Access to the reception is included in your registration fee but you needed to confirm your attendance when registering for the congress. Participants who are registered for the welcome reception but cannot attend are kindly asked to notify the welcome desk so that another interested person can. If you are not registered for the reception and you wish to attend, you can ask the reception if places are available.

Gala dinner

The gala dinner is planned for the evening of Wednesday June 15 at Autoworld in Brussels (located at approximately 3 km from Square). Time schedule in Autoworld: 19:30 hrs start reception / 20:30 hrs start Gala dinner / 01:00 hrs end event.

It's a vintage automotive museum in a beautiful old industrial ambience, please view [https://en.wikipedia.org/wiki/AutoWorld_\(museum\)](https://en.wikipedia.org/wiki/AutoWorld_(museum)) or other sites for more information on this highly valued attraction.

Participation to the gala dinner is not included in the registration fee. Tickets are € 100 (excl. VAT) per participant and can be bought while registering for the congress.

If you are not registered for the dinner and you wish to attend, you can ask the reception if places are available. Special diet wishes should ideally come through the online registration process. The dinner is to be of high quality (Belgium!) and good acoustics will allow you a good dinner conversation. The evening ends with drinks (open bar) and dancing to 'golden oldies' if you fancy that.

Participants who are registered and cannot attend the dinner are requested to notify the welcome desk. Gala dinner tickets can be refunded if they can be sold to another participant.

Please do not forget to wear your badge.

Transport

The first return bus to Square leaves at 23:00 hrs and the last bus at 01:00 hrs.

After the Gala dinner it is possible to take a bus to Square. The first return bus to Square leaves at 23:00 hrs and the last bus at 01:00 hrs.

You can go to Autoworld by metro Line 1 direction Stockel – get off at Merode or Line 5 direction Herman Debroux – get off at Merode. If you wish to return by metro, please check the timetables.

Alternatively you can take a taxi from the taxi stand near Square and Autoworld, respectively, or call +32 (0)2 349 49 49 .

Those travelling by car can park at Autoworld (spacious parking area on site).

Please check the latest information with regard to the transportation to Autoworld in your delegate bag or at the reception desk.

Touristic excursions

For information on tourist excursions, please go to the booth of Visit Brussels represented in the exhibition area. The area around Square is Mont des Arts/Kunstberg, a very beautiful (monumental) area of town.

Visit Brussels can also help you with information on public transportation, guided visits of Brussels, taxi booking, etc.



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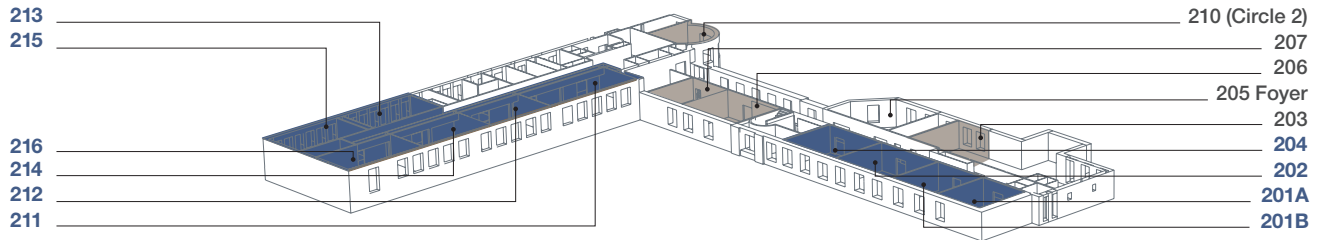
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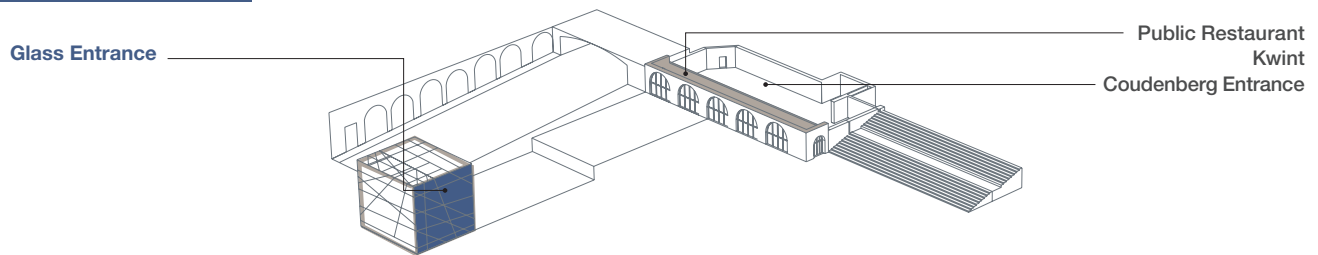
Floor plan - Venue map

LEVEL +2

workshops – meeting rooms

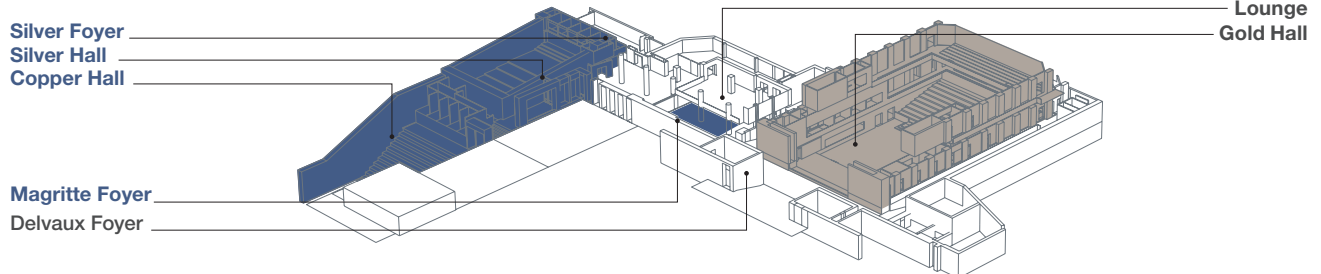


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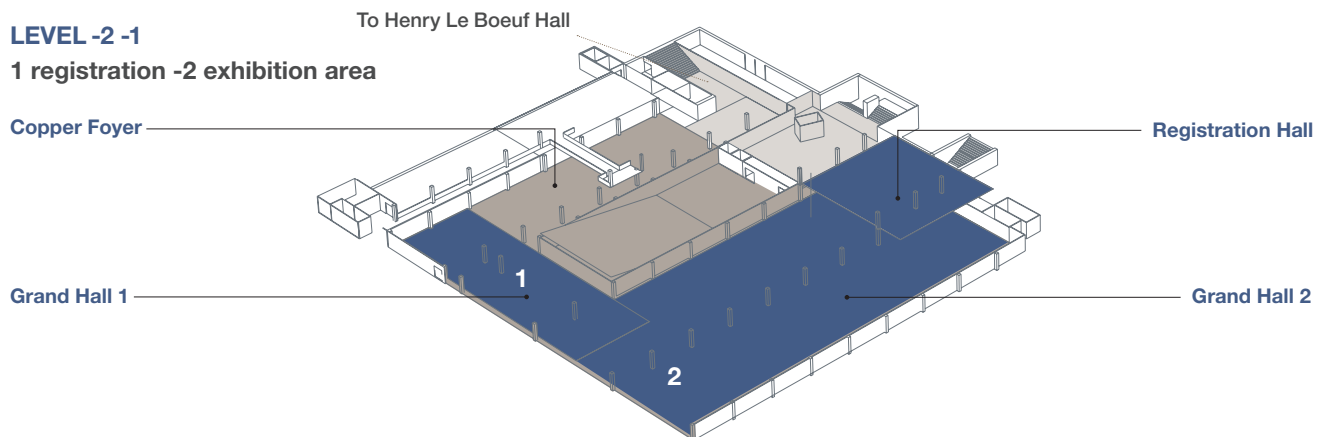
LEVEL 0

auditoria - poster area

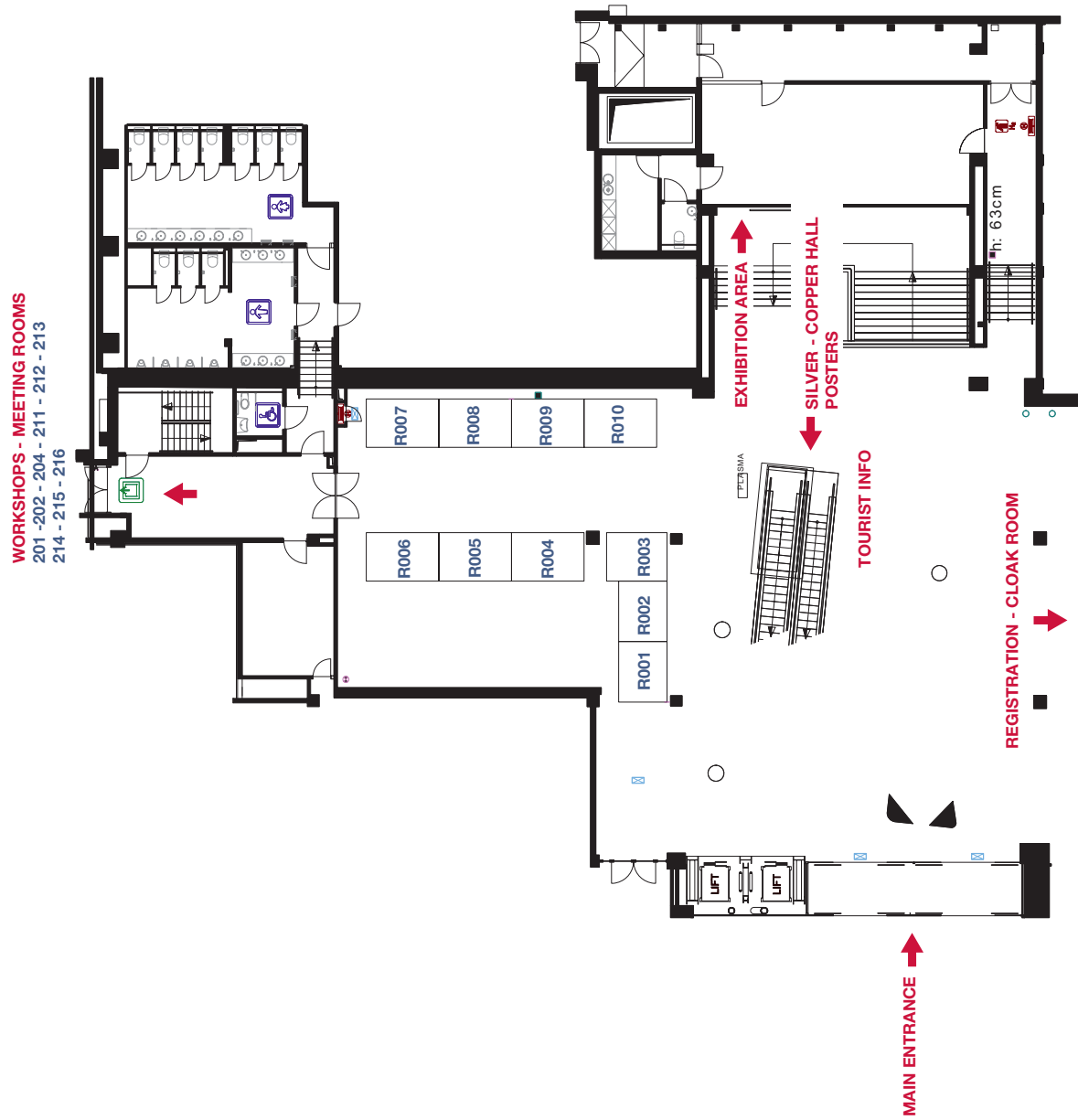


LEVEL -2 -1

1 registration -2 exhibition area



Floor plan - Registration area

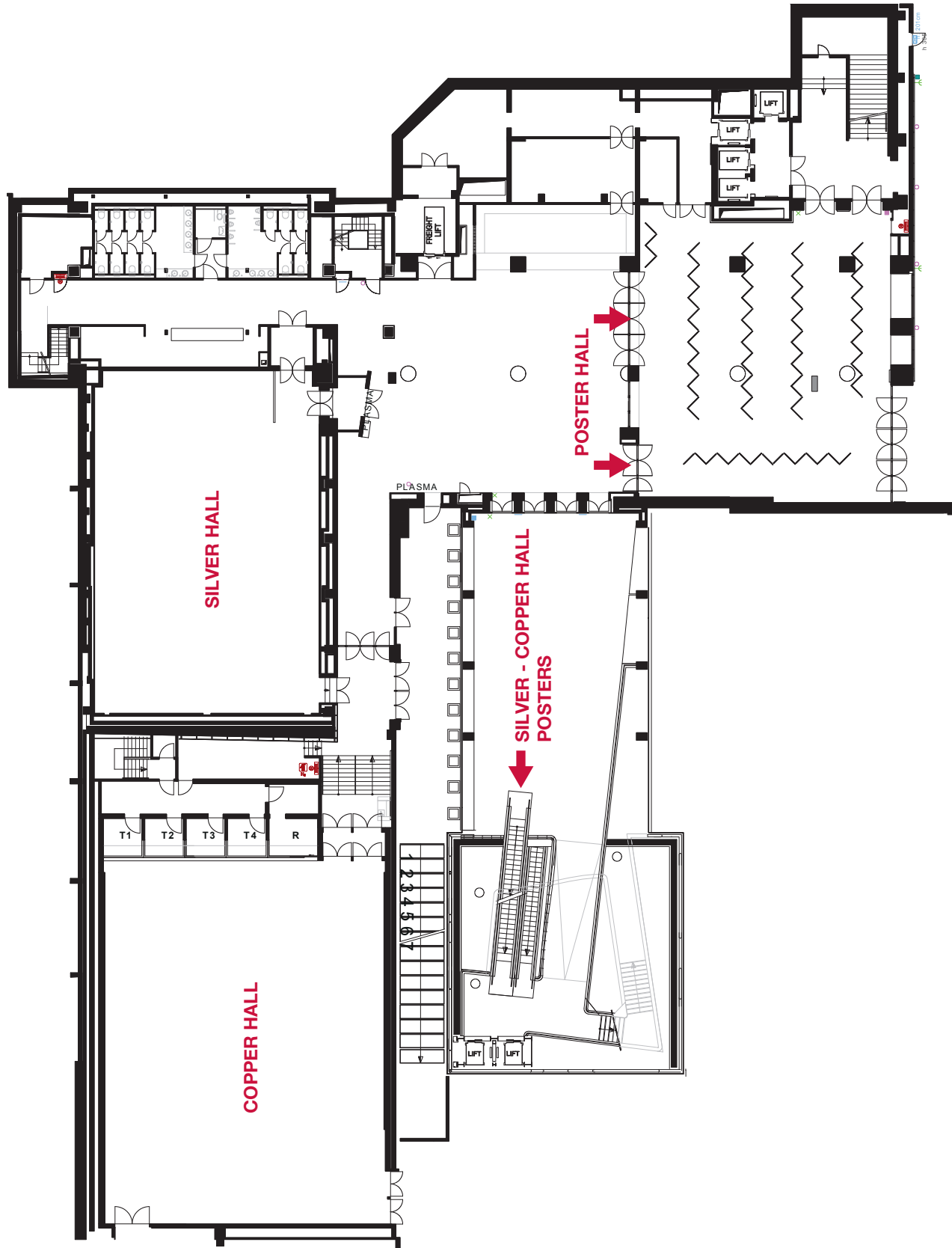


Floor plan - Exhibition area

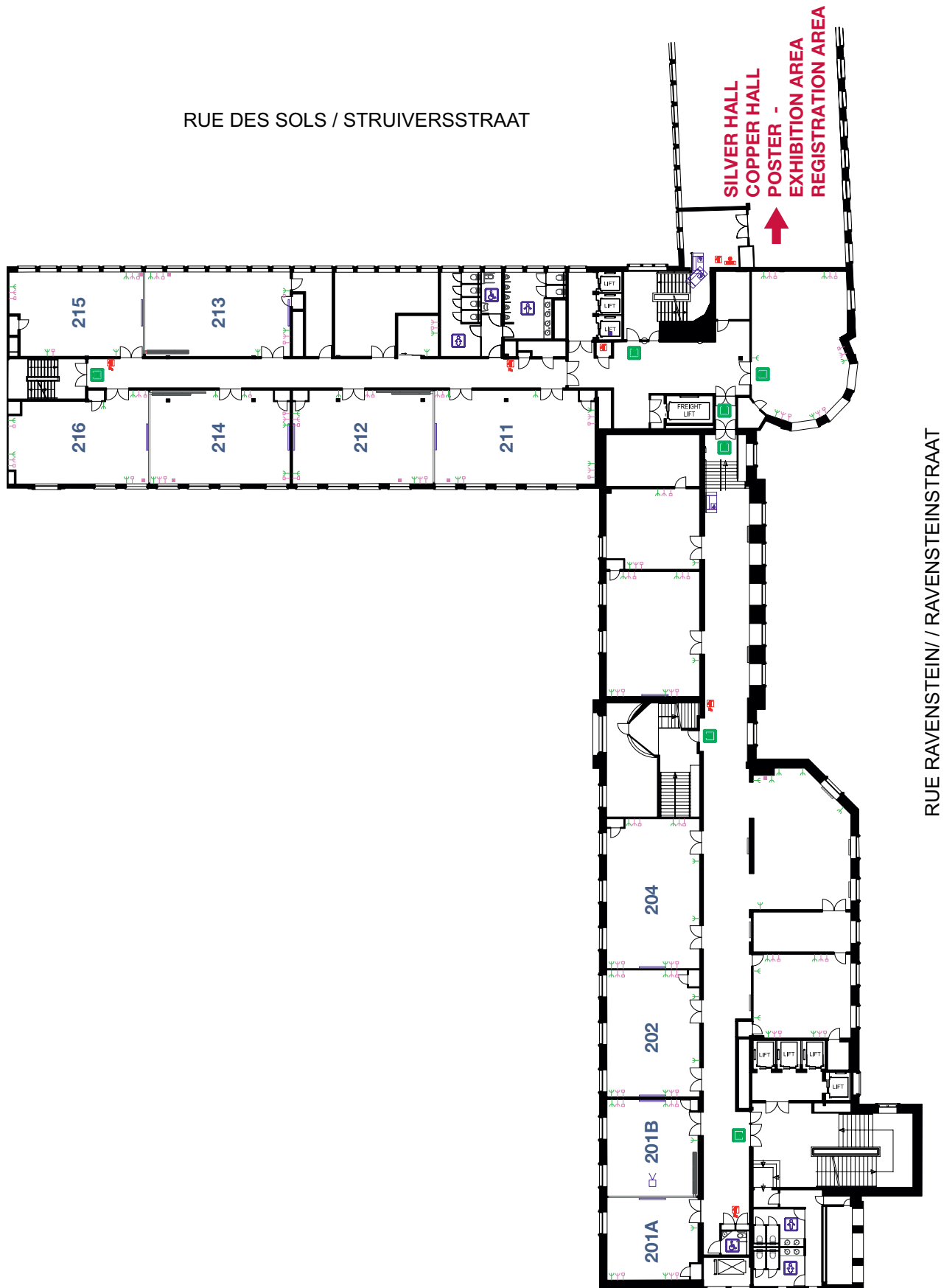


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Floor plan - Auditoria Poster Area



Floor plan - Workshops Meeting Rooms



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