



ESLAV-ECLAM Summer School program

19 - 21 June 2024

In cooperation with the Netherlands Cancer Institute

From 19 - 21 June 2024 the ESLAV-ECLAM Summer School will be organized at the Netherlands Cancer Institute.

The 2024 ESLAV-ECLAM Summer School is focused on animal facility management. The topics cover old and new challenges that facility managers face, such as environmental impact of the activities, personnel management and compassion fatigue, communication to layman as well as policy makers, data management and business development.

Speakers from both Europe and the US will guide workshops and provide scenarios, to maximize the interactive sessions. We are confident that all the speakers would inspire attendees with ideas that can be put into practice at different scale levels in animal facilities.

We are looking forward to welcoming you in Amsterdam!

Topics

- Health & Safety
- Building construction & maintenance
- Sustainability/footprint of animal facilities
- Finance
- Communications
- Team Management
- Training



ESLAV-ECLAM Summer School
Program: Wednesday 19 June 2024

Time	Subject	Speaker
8:30 - 9:00	Registration	
9.00 - 9.05	Welcome and introduction	E. Hermans & V. Galligioni
9:05 - 10:00	Performance standards as a solution for addressing legal and accreditation requirements	J. Guillen
10:00 - 10:10	Elevator's pitch - exhibitors	Ivention
10:10 - 11:05	Budget preparation	J. Helppi
11:05 - 11:20	Break	
11:20 - 12:15	Lessons Learned in Automating Animal Facilities	A. Schile & K. Lux
12:15 - 13:10	Ethically sustainable emergency planning; the Swiss working group experience	A. Bergadano
13:10 - 13:50	Lunch	
13:50 - 14:45	Workshop on Decision-Making and Group Dynamics	D. Schoorman
14:45 - 15:40	Re-organizing your surgical suite	A. Bergadano
15:40 - 16:00	Break	
16:00 - 16:55	Developing and Implementing a Sustainable Compassion Fatigue Resiliency Program	J.P. van Hooser
17:00 - 18:00	Visit at technical area NKI animal facility (voluntarily, group 1)	E. Hermans & M. Breuer

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Program: Thursday 20 June 2024

Time	Subject	Speaker
9:00 - 9:55	PR for animal facilities: building a constructive dialogue with different stakeholders	L. Aerts
9:55 - 10:05	Elevator's pitch - exhibitors	Transnetyx
10:05 - 11:00	PR for animal facilities: building a constructive dialogue with different stakeholders	L. Aerts
11:00 - 11:20	Break	
11:20 - 12:15	Environmental impact of laboratory animal facilities: What can we do?	J.P Mocho
12:15 - 13:10	How to Identify National Recycling possibilities: A case study from the Netherlands	J. Huigen
13:10 - 13:50	Lunch	
13:50 - 14:45	Education, training and competence in laboratory animal science	R. Frias
14:45 - 15:00	Break	
14:55 - 15:50	Power lab	D. Schoorman
15:50 - 16:50	Power lab	D. Schoorman
17:00 - 18:00	Visit at technical area NKI animal facility (voluntarily, group 2)	E. Hermans & M. Breuer
19:00 - 22:00	Social event, boat trip on UNESCO heritage Amsterdam's iconic canals	

**ESLAV-ECLAM Summer School
Program: Friday 21 June 2024**

Time	Subject	Speaker
9:00 - 9:55	Data Management within the Facility – Who; What; Where; When and Why	C. Staines
9:55 - 10:05	Elevator's pitch - exhibitors	PLEXX
10:05 - 11:00	A safe workplace: managing allergens and enhancing ergonomics	V. Galligioni
11:00 - 11:20	Break	
11:20 - 12:15	Building a Facility: Engineering requirements for non-engineers	M. Breuer
12:15 - 13:10	Brand new facility? Reconstruction? What not to forget	J. Honetschlager
13:10 - 13:50	Lunch	
13:50 - 14:00	Elevator's pitch - exhibitors	Innovive
14:00 - 14:55	Foundations of Business Development in Laboratory Animal Research Facilities	E. Hermans
14:55 - 15:50	Working with Culture of Care: Communication, Barriers, Opportunities	T. Bertelsen
15:50 - 16:00	Closing remarks	E. Hermans & V. Galligioni

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Speaker biography

Rafael Frias, DVM, MSc, PhD, Assoc. Prof. (LAS)

Rafael Frias is a veterinarian with a FELASA specialization in laboratory animal science. He holds a doctoral degree in laboratory animal medicine and is an Associate Professor in laboratory animal science at the University of Helsinki in Finland, as well as the Karolinska Institute in Sweden. Since 2023, he serves as the Head of the Department of Comparative Medicine at the Karolinska University Hospital in Stockholm. Previously, he served as Head of Education and led the Unit for Education and Training in Laboratory Animal Science at Comparative Medicine, Karolinska Institute from 2016 to 2023.

Dr Frias has significant experience in veterinary practice, teaching, and scientific research. He has authored numerous publications and presented at conferences on topics including laboratory animal science, biomedical research, and veterinary medicine. Additionally, he has organized over 100 courses and educational events in the field of laboratory animal science.

Active in professional societies and expert groups, he has served as President of the European Society of Laboratory Animal Veterinarians from 2021 to 2023. He also holds roles such as External Expert for the FELASA Board of Education and Training, member of the scientific committee of the Fondazione Guido Bernardini and was member of the program committee and board member of the Nordic Consortium for Laboratory Animal Science Education and Training between 2016 and 2023. Currently, he chairs the ETPLAS Working Group for “Assessment of Practical Skills” and co-chairs the ETPLAS Working Group for “Development of a Course for Trainers and Assessors of Laboratory Animal Science.”

Alessandra Bergadano PD, DVM, Dr.Med.Vet., Dip.ECVAA, Dip. ECLAM, PhD Head of Experimental Animal Center (EAC), Univ. of Bern, Switzerland

Alessandra Bergadano graduated from the University of Turin (I) in 1990. She achieved her PhD degree and *venia docendi* in comparative models of nociception and analgesia from the Universities of Aalborg (Dk) and Bern (CH). She is European specialist in veterinary anesthesia and analgesia and in laboratory animal medicine. Dr. Bergadano has worked with small and large animals in private practice, the industry and academia as a clinical veterinarian and researcher. She has authored and co-authored over 30 peer reviewed papers.

Since 15 years she is fully dedicated to laboratory animal medicine and heads the EAC which is the umbrella structure responsible for all the in-vivo research of the University of Bern and focuses on developing the “culture of care”, the 4thR, to promote animal welfare, veterinary care and high scientific quality. She is board member of the Swiss Animal Facilities Network, head of the Swiss German ECLAM residency program and serves as ad-hoc Consultant for AAALACi.

Thomas Bertelsen Senior Laboratory Animal Veterinarian. Chair of Ethical Review Council, Laboratory Animal Science

Thomas Bertelsen is a lab animal veterinarian and has worked with Novo Nordisk, a pharmaceutical company, since 2015, having worked as a hands-on facility veterinarian and now mostly strategically with 3R issues – as chair of the Novo Nordisk Animal Welfare Body and with a special focus on reducing severity, Humane Endpoints and Culture of Care.

Jan Honetschläger, D.V.M., Ph.D., MBA | Animal Facility Krč

Jan Honetschlager graduated as a veterinarian in 2007. Since then, he has worked in the laboratory animal field and has managed the animal facility for 16 years at the Institute of Molecular Genetics in Prague. During his work, he focused on improving logistic flow, workflow, and personnel efficiency at barrier facilities, managed facility reconstructions, and participated in projecting and evaluating many facilities. Jan Honetschläger is the president of the Czech-Slovak Laboratory Animal Science Association and a member of the FELASA board.

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Speaker biography

Liesbeth Aerts, PhD, Research Communicator at Beakon

Liesbeth Aerts is a research communicator, helping busy scientists to present their ideas and results in a clear and engaging manner. Over the years, she has been outspoken on the sometimes controversial topic of animal research. She co-founded 'Infopunt Proefdieronderzoek' a collective that aims to facilitate understanding and informed conversations on the use of animals in research in Belgium. Part of its mission is to support researchers and institutes to be open and transparent about animal research

Preston van Hooser, Review Scientist & Compliance Manager in the Office of Animal Welfare at the University of Washington, Seattle, WA

Preston Van Hooser is a Review Scientist & Compliance Manager in the Office of Animal Welfare at the University of Washington, Seattle, WA. In his position, Preston oversees regulatory compliance activities for one of the largest research programs in the United States. In more recent years, with regards to the subject matter being presented, he founded the University of Washington's Dare 2 Care (D2C) Compassion in Science program, which provides support and Compassion Resiliency & Restoration resources for personnel that care and work with research animals. In his free time, Preston enjoys cooking, skiing, sailing, gardening, wine tasting and spending time with friends and family, and his two dogs, Cooper and Max.

Preston earned his BS in Zoology from the College of Idaho, Caldwell, ID, and began his research career in 1991 at the University of Washington, Department of Ophthalmology, where his research efforts led to numerous professional publications and the restoration of sight in a mouse model of Leber's Congenital Amaurosis (LCA), a rare inherited eye disease that causes blindness early in life. He serves on several boards, including the Northwest Association for Biomedical Research (NWABR) and the Washington Adoption Center for Retired Research Animals (WACRRA), is a member of several national professional organizations including AALAS and PRIM&R, and is the Founder & CEO of InVision BioResources, a Seattle based Biotech Company that provides incidental ocular tissues to the vision research community, globally.

Andy Schile is the Senior Scientific Advisor at The Jackson Laboratory

Andy provides scientific oversight for mouse strains and facility operations. His work focuses on strain characterization and studying improvements to husbandry practices. He has a PhD in Biology from Rockefeller University and has worked at JAX since 2008.

Karine Lux is the Associate Director, Operational and Quality at The Jackson Laboratory

Karine Initiatives, with her primary focuses on leading and facilitating measurable operational and process improvement projects with a quality focus and overseeing the Process Quality Control group. Karine holds a Bachelor of Science degree in Animal Science from the University of California at Davis and has worked at JAX since 2003.

J-P Mocho is a consultant for various academia and other research stakeholders in Europe

J-P has been a veterinarian for >20 years. He has dedicated most of his career to laboratory animals. Based in London, UK, J-P is a consultant for various academia and other research stakeholders in Europe.

Jussi Helppi, PhD, Head of Biomedical Services, Speaker of Services and Facilities, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany

Jussi Helppi is an enthusiastic and inspiring manager, leader and teacher. He is a biologist/zoologist specialised in laboratory animal science and has close to 30 years of experience in academic leadership positions. Jussi received his Master's degree in Applied Zoology from the University of Kuopio, Finland, in 1994, and his PhD in Biology from the University of Eastern Finland in 2020. For the last 20+ years he has headed the core laboratory animal facility at the Max Planck Institute for Molecular Cell Biology and Genetics in Dresden, Germany. Since 2009 he has been the Speaker of Services and Facilities with the responsibility to manage and represent 16 independent Scientific Services and Facilities at the MPI-CBG. Jussi is (or was) an active board member or working group leader in several associations (AALAS, GVSOLAS, ICLAS, LAL) and is an ad hoc advisor to AAALAC. He has been FinLAS registered Laboratory Animal Science (LAS) Expert since 2017. He has advised academic institutions and universities across Europe on planning, building and managing a core scientific service and creating a successful scientific service culture. His research interest are the environmental influences on mouse welfare, especially for optimizing the welfare of mice in Individually Ventilated Cage systems.

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Speaker biography

Chris Staines, Head of BRF Business Support, The Francis Crick Institute, London, UK

Chris Staines is an industry experienced professional, and currently the Head of BRF Business Support for the Biological Research Facility at the Francis Crick Institute, one of Europe's biggest labs and home to more than 1,500 scientists working to understand health, disease and how life works. Having worked almost 20 years as an animal technician, senior technician, unit manager and operations manager for a commercial supplier before joining Cancer Research UK as a Senior Research Scientist, Chris became involved in the implementation of the Mouse Colony Management System (MCMS) database system during the creation of the Francis Crick Institute from two legacy institutes. This included development of processes, documentation, staff training and working with collaborating institutes to determine the continued development direction of the system. More recently, Chris has spent 8 years working as a liaison between teams within the wider institute to build up the data and analytics function, and has developed tools to support colony management functions internally and cost recovery models with the Finance team, using the Microsoft Power Platform (Power BI, Power Apps, Power Automate) in conjunction with Microsoft SQL. Chris has also been heavily involved in the implementation of a learning and development platform (Moodle), and currently these tools and functions support approx. half of the 2000 staff at the institute. Building on the original remit, Chris now also manages the BRF Import / Export and the BRF Administrative teams together with the original Data & Analytics team, bringing these supporting functions together and standardising the functions and processes to improve the support available to those working for and using the BRF.

Joost Huigen is a Business Developer for Circular Innovation at waste management company Milieu Service Nederland

In 2015 he graduated as a Master of Science in Environmental, Water and Energy Management. After this he landed his first Business Development position at MAIN Energie, where he co-initiated propositions for energy scans, scopes and meters. Meanwhile he kept adding valuable skills by participating in the Blended Class Business Development at Nyenrode Business University in 2018. Huigen made the switch to recycling and waste management in 2022. Since then, he has become an expert in the workings of the waste market and its surrounding national and international law. He is also an early adopter of artificial intelligence in the market. Huigen's latest innovation is the MSG-Trolley, a cleaning trolley that weighs recyclable waste streams for optimal recycling.

Viola Galligioni is Head of Animal Facilities at Netherlands Institute for Neuroscience

Viola graduated in veterinary medicine and obtained her PhD at the University of Bologna, Italy. She is currently Head of the Animal Facilities at the Netherlands Institute for Neuroscience, Amsterdam. She has been involved in facility management in different European countries, Italy, Czech Republic, Ireland and the Netherlands. Her experience spans across a variety of species (rodents, sheep, pigs, zebrafish, Xenopus, rabbits, cephalopods and NHPs). She is Board member of the European Society of Laboratory Animal Veterinarians (ESLAV) and the Italian Association for Laboratory Animal Sciences (AISAL). She has published scientific articles and book chapters on implementation of the 3Rs, animal welfare, facility management and animal models.

Els Hermans is Head of Laboratory Animal Facilities at Netherlands Cancer Institute

Els Hermans graduated as a Doctor of Veterinary Medicine from the University of Ghent, Belgium in 2004 and began her career as a fellow anesthesiologist in large animals at the University of Veterinary Medicine in Ghent. In 2007, she then founded Onyx Veterinary Medicine, supporting biotech companies with large laboratory animals such as pigs, sheep, goats and camelids. In parallel she obtained a Master of Laboratory Animal Science followed by a PhD in Biomedical Science from KU Leuven, Belgium. At KU Leuven, she co-founded and managed a preclinical cancer research platform, establishing patient-derived tumor xenograft models of a variety of tumor types. Later on, she moved to the Flemish Institute of Biotechnology (VIB) where she enhanced technology transfer and connected cancer research projects with global industrial partners as business development manager. Currently, she leads the laboratory animal facility of the Netherlands Cancer Institute, focusing on strategic, operational, and business development activities.

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Speaker biography

Marco Breuer, PhD - Consultant and VP Commercial Development, Innovive Europe

Marco Breuer graduated as a Biologist in 1986 at the University Nijmegen and obtained his PhD at the Netherlands Cancer Institute / University of Amsterdam. After his PhD, he started a Transgenic Core Facility at the Medical Faculty of the Leiden University where he restructured all department oriented animal facilities into one large centralized unit. In 2000, he returned to the Netherlands Cancer Institute as head of the Laboratory Animal Facility and focussed on the design and construction of a 20.000 cage facility which opened in 2013. In addition to his NKI activities, he started a consultancy business and was involved in the design of several facilities. In 2020 he left the NKI and became part-time interim head of the Laboratory Animal Facility of the Netherlands Institute of neuroscience (NIN). Since late 2021, he is a full-time associate with Innovive-LCC focussing on realising a European branch of Innovive.

Javier Guillén, Senior Director for Europe & Latin America, AAALAC International

Javier Guillen is a veterinarian and was for 17 years Director of the Laboratory Animal Services at the University of Navarra in Pamplona, Spain. In 2008 he joined AAALAC International as staff, where he is currently Senior Director for Europe and Latin America, and also takes care of the AAALAC activities in Africa and Middle East. He is member of the Council of Management of Laboratory Animals Ltd. which publishes the journal Laboratory Animals; and the European Animal Research Association (EARA) Board; is former President of the Federation of European Laboratory Animal Science Associations (FELASA) and the Spanish Association for Laboratory Animal Science (SECAL), and was also Governing Board member of the International Council for Laboratory Animal Science (ICLAS) for eight years. He is one of the promoters of the Spanish Transparency Agreement launched in 2016.

He has published a number of articles/chapters on several laboratory animal topics, with special emphasis on legislation, ethics and quality, including the book "Laboratory Animals: Regulations and Recommendations for the Care and Use of Animals in Research" which second edition was published in 2018. He has participated in several Expert Working Groups by the European Commission for the implementation of European Directive 2010/63/EU.

David Schoorman, Professor at Purdue University, West Lafayette, IN

Professor Schoorman is a professor of Organizational Behavior and Human Resource Management at the Daniels School of Business. He has been an instructor in Purdue's EMBA programs since 1990, and teaches in the areas of organizational behavior, negotiations, and human resource management. He has also developed a certificate program on Diversity in Leadership delivered biannually to a group of minority executives. In 2007, Dr. Schoorman received the "Distinguished Educator" award from the Academy of Management. This career award is the highest award granted by the Academy of Management. In 2006, Professor Schoorman was honored with an award by the Academy of Management Review for his article, "An Integrative Model of Organizational Trust" (with R. C. Mayer and J. H. Davis), Academy of Management Review (1995). This article was recognized as the "Most influential article published in the decade of the 1990's." His impact continues in the scientific community as his research has been cited over 50,000 times making him the most influential research scholar at the Daniels School of Business. His research has examined the role of interpersonal trust between leaders and subordinates, trust repair, and the impact of trust on individual and organizational outcomes. He has also published a number of papers on stewardship in organizations, decision making, leadership and motivation.