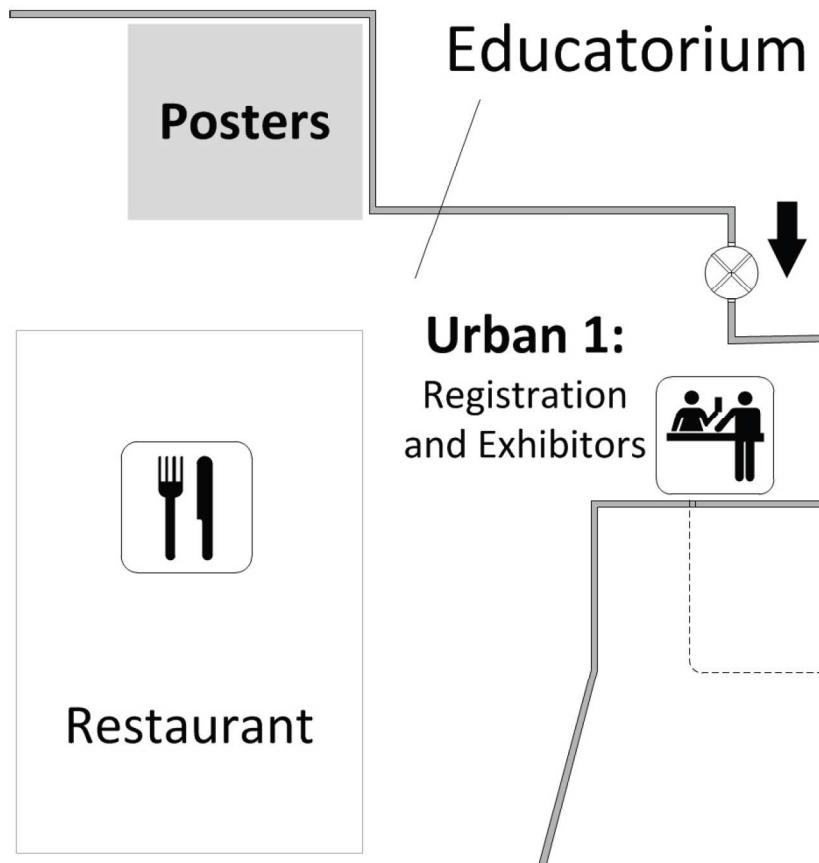


Posters

Posters

Date: Thursday, August 30
Time: 13:00-14:30
Location: Ground floor, in the area adjacent to the restaurant



Location of the poster area at the Ground floor of the Educatorium.

POSTERS

- 3 Performance of Urban and Rural Adult Participants on Neuropsychological Tests in Zambia
Happy Zulu
University of Zambia, Lusaka, Zambia.
- 9 Development of a Scale for Fast Screening of Fatigue Syndrome from Mental illness
Tang Tze-Chun, and Huang Shih-Ying
Kaohsiung Medical University Chung-Ho Memorial Hospital, Taiwan.
- 10 Multilevel Meta-Analysis of Single-Subject Experimental Designs
M. Ugille¹, M. Moeyaert¹, S.N. Beretvas², J. Ferron³, and W. Van den Noortgate¹
¹University of Leuven, Leuven, Belgium.
²University of Texas at Austin, Austin, USA.
³University of South Florida, Tampa, USA.
- 12 Effects of Maternal Infection on Anxiety and Depression-like Behaviours of Offspring
J. Solati, G. H. Moll, R. R. Dawirs, and Y. Golub
University of Erlangen-Nürnberg, Erlangen, Germany.
- 14 Some Common Indices of Group Diversity: Upper Boundaries
A. Solanas, R.M. Selvam, J. Navarro, and D. Leiva
University of Barcelona, Barcelona, Spain.
- 15 Application of a Network-Analysis Algorithm for the Definition of Locations in Open Field Behavior: how Rats Establish Behavioral Symmetry in Spatial Asymmetry
S. Weiss, O. Yaski, E. Blumenfeld-Lieberthal, J. Portugali, and D. Eilam
Tel Aviv University, Tel-Aviv, Israel.
- 16 The Difference Between Sport Rituals, OCD Rituals, and Daily Routines: the Possible Adaptive Value of Seemingly Unnecessary Acts
O. Weiss¹, H. Keren¹, J. Mort², and D. Eilam¹
¹Tel-Aviv University, Tel Aviv, Israel.
²Behavioral Modeling Branch, US Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio, USA.
- 32 Effect of Quercetin on the Short-Term Impairment of Learning Induced by X rays in Wistar Rats. Nonlinear Regression Analysis of Morris Water Maze Latencies
R. Marina, P. González, and J.P. Barrio
Universidad de León, León, Spain.

- 34 Measuring Pain-Related Behaviour in Four Inbred Rat Strains. Differences in Hot Plate Behaviour
M.W.H. Schaap, S.S. Arndt, and L.J. Hellebrekers
Utrecht University, Utrecht, The Netherlands.
- 35 Burrowing as a Non-Reflex Behavioral Readout for Analgesic Action in a Rat Model of Knee Joint Arthritis
Angela Robens, Kris Rutten, Klaus Schiene, Tobias Pasqualon, and Thomas Christoph
Grünenthal GmbH, Aachen, Germany.
- 40 Do Outbred ICR:CD1 Mice form Attentional Sets in a Bait Digging Attentional Set-Shifting Procedure?
A.-M. Linden, C. Procaccini, and M. Lehtomäki
University of Helsinki, Helsinki, Finland.
- 41 A-KinGDom Program: Agent-Based Models for the Emergence of Social Organization in Primates
R.Dolado, V.Quera, and F.S. Beltran
University of Barcelona, Barcelona, Spain.
- 42 Automated Detection of Aberrant Behaviour of Mice on the Rotarod: Use of EthoVision XT®
M. Mahieu¹, R. Willems¹, L. Hoekstra², and L. Ver Donck¹
¹Janssen Research and Development, Beerse, Belgium.
²Noldus Information Technology, Wageningen, The Netherlands.
- 49 Measuring Bread Use in a French Restaurant. A Naturalisitc Approach: Grid Analysis for the French Culture
C. Iborra-Bernad¹, O. Wathelet², and A Giboreau³
¹Universitat Politècnica de València, Valencia, Spain.
²SAS Seb, Selongey, France.
³Centre de Recherche de l’Institut Paul Bocuse, Château du Vivier, Ecully, France.
- 50 Lying Behaviour of Dairy Cows in Cubicles
E. van Erp-van der Kooij¹, O. Almalik¹, and F.J.C.M. van Eerdenburg²
¹HAS Den Bosch University of Applied Sciences, 's Hertogenbosch, The Netherlands.
²Utrecht University, Utrecht, The Netherlands.
- 55 School Safety Architecture – How to Measure Perceptions of Safeness
M.D. Bredero
Saxion University of Applied Sciences, Deventer, The Netherlands.

- 59 Internal Low Dose Ionising Radiation in Pregnant Mice: Behavioral Effects in the Offspring
Daisy Lafuente, Montserrat Bellés, Sergio Gonzalo, José Luis Domingo, and Victoria Linares
“Rovira i Virgili” University, Taragona, Spain.
- 66 In Vivo Characterization of the Role of TRPC1 Channel in Skeletal Muscle Function
Olivier Schakman¹, Nadège Zanou¹, Georges Shapovalov², Chiara Gallo², Alexander Dietrich³, Jean Lebacq¹, Urs Ruegg² Lutz Birnbaumer⁴, and Philippe Gailly¹
¹University of Louvain, Louvain, Belgium.
²University of Geneva, Geneva, Switzerland.
³University of Marburg, Marburg, Germany.
⁴National Institute of Environmental Health Sciences, North Carolina, USA.
- 80 Approaching Real World Behavior: Enhancing External Validity of Psychological Research
F. Lange, S. Bosse, and F. Eggert
TU Braunschweig, Braunschweig, Germany.
- 81 The 5 Choice Continuous Performance Task: Translation to a Touch-Screen Paradigm
Pascal van Dorsselaer, Ewan Hughes McInnes, John Talpos, and Thomas Steckler Janssen Research and Development, Beerse, Belgium.
- 82 Rapid Behavioral Effects of Sex Hormones in Rats.
M. Malinova, B. Filova, J. Babickova, L. Tothova, D. Ostatnikova, P. Celec, and J. Hodosy
Comenius University, Bratislava, Slovakia.
- 85 Different Spatial Learning Performance of 5-HTT Knockout Mice on Land or Water
Lars Lewejohann¹, Sandra Grauthoff¹, Rebecca S. Heiming¹, Friederike Jansen¹, Sylvia Kaiser¹, Angelika G. Schmitt², and Norbert Sachser¹
¹University of Münster, Münster, Germany.
²University of Würzburg, Würzburg, Germany.
- 87 Temporal Patterns of Rodent Behavior in the Elevated Plus Maze Test
M. Casarrubea¹, M.S. Magnusson², V. Roy³, A. Arabo³, F. Sorbera¹, A. Santangelo¹, and G. Crescimanno¹
¹University of Palermo, Palermo, Italy.
²University of Iceland, Reykjavik, Iceland.
³Université de Rouen, Mont-Saint-Aignan, France.

- 88 Measuring Thermal Profile of Reptiles in Laboratory and Field
D.A. Paranjpe¹, R.D. Cooper¹, A. Patten² and B. Sinervo¹
¹University of California, Santa Cruz, California, USA.
²Humboldt State University, Arcata, California, USA.
- 98 Hand Movement Behavior With or Without Speech Differs in its Kinetic Structure of Nonverbal Communication
I. Helmich, and H. Lausberg
German Sport University Cologne, Cologne, Germany.
- 100 Design and Validation of a Wireless Temperature Measurement System for Laboratory and Farm Animals
Marloes Hentzen², Dag Hovden¹, Mans Jansen¹, and Gerard van Essen²
¹TeleMetronics Biomedcial bv, Wageningen, The Netherlands.
²MSD Animal Health, Boxmeer, The Netherlands.
- 102 Imposing Cognitive Load to Unmask Prepared Lies: a Recurrent Temporal Pattern Detection Approach
B. Diana, V. Zurloni, and M. Elia
University of Milan-Bicocca, Milan, Italy.
- 105 The Novel Object Recognition Test in Rodents: Which are the Essential Methodological Aspects?
E. Moscardo, B. Salvetti, S. Becchi, G. Bertini, and P.F. Fabene
University of Verona, Verona, Italy.
- 112 A Computer-Based Application for Rapid Unbiased Classification of Swim Paths in the Morris Water Maze
Kurt R. Stover, Timothy P. O'Leary, and Richard E. Brown
Dalhousie University, Halifax, Canada.
- 131 Spatial learning characteristics of transgenic mice as revealed by detailed video-analysis using Ethovision
Valeria Melis^{1,2}, Gernot Riedel^{1,2}, and Charles R. Harrington^{1,2}
¹University of Aberdeen, Aberdeen, United Kingdom.
²TauRx Therapeutics Ltd, Aberdeen, United Kingdom.
- 135 Development of a visual-guided Probabilistic Selection Task for Rats
A. Trecker¹, T.W. Robbins², and A.C. Mar²
¹Heinrich-Heine-University Düsseldorf, Germany.
²University of Cambridge, Cambridge, United Kingdom.

- 139 Rodent Fear Conditioning: Development and Pharmacological Validation of a Video-Based Freezing Detection System
H. Van Craenendonck, L. Ver Donck, and D.J. Pemberton
Janssen Research and Development, Beerse, Belgium.
- 140 Obstacle detection for autonomous vehicles in agriculture
Frits K. van Evert, and Ard T. Nieuwenhuizen
Plant Research International, Wageningen, The Netherlands.
- 147 Social transmission of food preference in C57BL/6 mice
Kaja Plucinska, Lianne Strachan, Dominique Peeters, Bettina Platt, and Gernot Riedel
University of Aberdeen, United Kingdom.
- 160 Multimodal sensing system to enhance the safety of infants in the home environment
K. de Groot¹, S. Boughorbel¹, N. Ambroise², M. Buter³, J. Kang⁴, B. Loke⁵, L. Spreeuwers⁶, and J. Vandenabeele⁷
¹Philips Research Laboratories, Eindhoven, The Netherlands.
²Actimage, Luxembourg, Luxembourg (Grand-Duchy).
³Sound Intelligence, Amersfoort, The Netherlands.
⁴TP Vision Netherlands, Eindhoven, The Netherlands.
⁵Noldus Information Technology BV, Wageningen, The Netherlands.
⁶University of Twente, Enschede, The Netherlands.
⁷Eagle Vision Systems, Naarden, The Netherlands.
- 163 Game Based Physiotherapy for Treatment of Children with Juvenile Idiopathic Scoliosis
P. Feistritzer-Gröbl¹, A. Nischelwitzer¹, V. Saraph², and H. Holzer³
¹FH Joanneum, Graz, Austria.
²Medical University, Graz, Austria.
³Institute of Sports science, KF University, Graz, Austria.
- 164 Effects of age, sex and anxiety on spatial learning and memory in rats
M. Belviranlı¹, K.E. Nurullahoglu Atalık², N. Okudan¹, and H. Gökböl¹
¹Selcuk University, Konya, Turkey.
²Konya University, Konya, Turkey.
- 165 Age, sex and anxiety affect locomotor activity in rats
Muaz Belviranlı¹, Kismet Esra Nurullahoglu Atalık², Nilsel Okudan¹, and Hakkı Gökböl¹
¹Selcuk University, Konya, Turkey.
²Konya University, Konya, Turkey.

167 Measure of Anxiety and Exploration Behaviours in Cerebellar Mice using a Simple
and Unique Apparatus: Influence of Habituation on Behavioural Disinhibition
P. Hilber, and T. Lorivel
Université de Rouen, Rouen, France.