



Claudio R. LAZZARI

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Education

Doctor of Science
Master of Science
Specialization (2.5 years)

Behavioural Physiology, University of Buenos Aires, Argentina
Zoology, University of Buenos Aires, Argentina
Biological Cybernetics, University of Tübingen, Germany

Present positions

Professor (distinguished rank, PREx2) University of Tours, France
Honorary Professor University of Buenos Aires, Argentina
Corresponding scientist National Research Council, Argentina

Major Responsibilities

- Deputy director at the IRBI 2005-2011
- President, Board of Medical and Biological Sciences, IRD, France 2012-2015
- Deputy director of the Department of Biology, Univ. Buenos Aires 1997-1999

Publications/Presentations

- Publications in peer-reviewed scientific journals and books 174
- Presentations in national and international meeting >200
- H-index (Web of Science/Google Scholar) 39 WoS / 46 GS
- i10-index (Google Scholar) 121
- Citations >6900 (GS)

Research Experience

- Team leader at the IRBI, Tours, France 2005-2018
- Fellow of the National Research Council (CONICET) Argentina 1995-2003
- Special visiting researcher “*Science without borders*”, Brazil 2013-2016
- Director of the Insect Physiology Lab, Univ. Buenos Aires 1992-2003

Affiliations/Memberships

- Fellow of the Royal Entomological Society Since 2012
- International Brain Research Organization Since 1990
- International Society of Neuroethology Since 2013
- Brazilian Society of Zoology Since 2013

Interests/Expertise

- Insect Behavioural Physiology, Sensory Ecology, Integrative Physiology, Medical Entomology, Vector Biology, Functional Morphology, Neuroethology

Teaching activities

France (2003–2025, 192 hours eq. TD/year; organiser/responsibility indicated in **bold**)

- Ecology (5th year, second year of Master) Lectures
- General Zoology (1st year) laboratory practices
- Organismal Biology (3rd year Licence) Lectures, seminars (TD) and laboratory practices
- **Insect Biology** (4th year, first year Master) Lectures, seminars (TD) and laboratory practices
- **Organismal Ecophysiology** (3rd year Licence) Lectures, seminars (TD) and laboratory practices
- Animal Reproduction and Development (2nd year Licence) Lectures, seminars (TD) and laboratory practices
- Eco-Ethology (2nd year Licence) Lectures and seminars (TD)
- Behavioural Biology (3rd year Licence) Lectures and laboratory practices
- Behavioural Ecology 1 (4th year, first year Master) Lectures and seminars (TD)
- Behavioural Ecology 2 (5th year, second year of Master) Lectures and seminars (TD)
- **Vector Biology 1** (4th year, first year Master) Lectures and seminars (TD)
- **Vector Biology 2** (5th year, second year of Master) Lectures and seminars (TD)
- **Sensory ecology** (3rd year Licence) Lectures, seminars and laboratory practices
- **Sensory ecology** (4th year, first year Master) Lectures and seminars (TD)
- **Field Ecology** (5th year, second year of Master) Field work
- Invited professor Vector Biology at Pasteur Institute (Master and specialization) Lectures
- Invited professor Ecophysiology and sensory ecology, (2nd year Master) Lectures

Argentina (1980–2003; organiser/main responsible indicated in **bold**)

- General Zoology (2nd year), Seminars, laboratory and field practices
- Invertebrates 1 (4th year), Seminars and laboratory practices
- Invertebrates 2 – Arthropods (4th year), Laboratory and field practices
- Comparative Endocrinology (5th year and doctoral programme), Seminars and laboratory practices
- Animal Embryology (5th year and doctoral programme), Seminars and laboratory practices
- **Behavioural Physiology** (5th year and doctoral programme), Lectures, seminars and laboratory practices (responsible)
- **Insect Physiology** (5th year and doctoral programme), Lectures, seminars and laboratory practices (responsible and organiser)
- **Insect Functional Morphology** (doctoral programme and specialization). Lectures, seminars and laboratory practices (responsible and organiser)

Argentina (2008–present, every other year)

- **Experimental Entomology** (doctoral programme and specialization). Lectures, seminars and laboratory practices (responsible and organiser)

Brazil (2013)

- **Sensory Ecology of Disease Vectors** (doctoral programme). Lectures, seminars and laboratory practices (responsible and organiser)

Lectures in Mexico, Brazil and Sweden

Professional History Chart (only the most relevant)

2023 - Invited Professor, Swedish University of Agricultural Sciences, Sweden
 2021 - 2023 President of the board of experts on Bed Bugs at ANSES, France
 2018 - 2021 Member of the board of experts on disease vectors at ANSES, France
 2018 - cont. Invited Professor, Université Paris Sorbonne, France
 2016 - Member of the Scientific Board of the Centre for Integrative Biology, Toulouse, France
 2015 - Honorary Professor of the University of Buenos Aires, Argentina
 2015 - 2020 Member Scientific Committee, Centre for insect rearing, infection and imaging, Pasteur Institute, France
 2013 - Member of the National Centre of Expertise on Vectors (CNEV), France
 2013 - Invited Professor, Oswaldo Cruz Foundation, Belo Horizonte, Brazil
 2013 - 2016 Special Foreign Scientist of the program “Science without Borders”, CNPq, Brazil
 2012 - cont., Invited Professor, Pasteur Institute, France
 2012 - 2020 President of the recruitment committee (CSDP, section 67/68), Univ. Tours
 2012 - 2015 Named member and elected president of the Scientific Committee of Biological and Medical Sciences of the IRD (France)
 2012 - Fellowship “Cesar Milstein”, Argentina
 2011 - Fellow of the Royal Entomological Society, UK
 2010 - Invited Professor Univ. Buenos Aires, Argentina
 2008 - 2012 Responsible for the Master Degree on “Insect Science”, University of Tours.
 2008 - cont. Correspondent Scientist, National Research Council (CONICET) of Argentina
 2005 - 2011 Deputy Director of the Institut de Recherche sur la Biologie de l’Insecte (CNRS)
 2003 - cont. Professor at the University François Rabelais, Tours, France
 2000 - Member of the Task Force on Operational Research on Chagas Disease, WHO (TDR).
 2000 - Member of the Life Science scientific board of the National Research Council (Argentina)
 1997 - 1999 Deputy Director of the Dpt. of Biological Sciences at the Univ. of Buenos Aires
 1996 - Invited Professor at the University of Neuchatel, Switzerland
 1995 - 2005 Research Fellow of the National Research Council of Argentina (CONICET).
 1991 - 2004 Professor at the University of Buenos Aires, Argentina.
 1987 - 1990 Research fellow, Biological Cybernetics Institute, Univ. of Tübingen (Germany).
 1983 - 1987 Teaching Assistant at the University of Buenos Aires, Argentina

Mentoring and supervision

- 23 PhD theses presented in Argentina, France and Brazil
- 24 Master theses presented in Argentina and France

Awards and honours

- World 2% most influential entomologists (Ioannidis et al. ,*PLoS Biology*, 2020)
- *Honorary Professor* of the University of Buenos Aires, Argentina (since 2015)
- *RAICES award*, Ministry of Science and Technology, Argentina, 2016
- *Educational Award* (Edmund Optics, USA), 2014
- *Cesar Milstein Fellowship* (Argentina, 2012)

- *Special Visiting Scientist*, program Science without Borders (Brazil, 2013-2015)
- *Centenary Medal* (FIOCRUZ, Centenary of the Discovery of Chagas disease), 2009
- *Scientific Collaboration Award* (Argentina-Brazil Trade Chamber), 2007

Publication list (May 2025)

- 174 2025 Leonardi M.S., Latorre-Estivalis J.M., Crespo J.E., da Rocha Fernandes G., Schwaha T., Blüml V., Ebmer D., Soto F.A., Olivera P., **Lazzari C.R.** Host-parasite coevolution leads to underwater respiratory adaptations in extreme diving insects, seal lice (*Lepidophthirus macrorhini*). *Commun. Biol. In press*.
- 173 2025 Olivera P., **Lazzari C.R.** & Leonardi M.S. The sensory equipment of diving lice, a host-ecology based comparative study. *Insects* **16**, 574. <https://doi.org/10.3390/insects16060574>.
- 172 2024 Lorenzo M.B., **Lazzari CR** & Barrozo RB. The Flexibility of Triatomine bug food search and recognition. *Current Opinion in Insect Science*, 68, 101301.
- 171 2024 Leonardi M.S., Paz R.R., Oliveira H.L., **Lazzari C.R.**, Negrete J. & Márquez F. The deeper the rounder: body shape variation in lice parasitizing diving hosts. *Scientific Reports* 14: 20947
- 170 2024 **Lazzari C.R.** Why do repellents repel? *Current Opinion in Insect Science*, 66, 101277
- 169 2024 **Lazzari C.R.**, Ortega-Insaurralde I., Esnault J., Costa E., Crespo J.E. & Barrozo R.B. Mosquitoes do not like bitter. *J. Chem Ecol.* <https://doi.org/10.1007/s10886-024-01476-z>.
- 168 2024 Bussy M., Destierdt W., Masnou P., **Lazzari C.R.**, Goubault M. & Pincebourde S. The lack of plasticity and interspecific variability in thermal limits produce a highly heat-tolerant tropical host-parasitoid system. *J. Thermal Biol.* 123, 103930
- 167 2024 Dessart M., **Lazzari C.R.** & Guerrieri F.J. Habituation leads to short but not long term memory formation in mosquito larvae. *J. Insect Physiol.* 155: 104650
- 166 2024 Alvarez-Costa A., Leonardi M.S., Giraud S., Schilman P.E. & **Lazzari C.R.** Challenging Popular Belief, Mosquito Larvae Breathe Underwater. *Insects* 15: 99. <https://doi.org/10.3390/insects15020099>
- 165 2023 **Lazzari C.R.**, Braquart-Varnier C., Dalmas L., Delaunay P., Izri A., Kremer N., Lacaze I., Pecquet C., Verheggen F., Fite J., Jaffal A., Fiore K., Hily E. & Larousse A. *Les punaises de lit: impacts, prévention et lutte*. ANSES 257pp.
- 164 2023 Dessart M., Piñeirúa M., **Lazzari C.R.** & Guerrieri F.J. Assessing learning in mosquito larvae using video-tracking. *J. Insect Physiol.* 149: 104535
- 163 2023. Martins K.A., Moraisa C.S., Broughtona S.J., **Lazzari C.R.**, Bates P.A., Pereira M.H. & Dillon R.J. Response to thermal and infection stresses in an American vector of visceral leishmaniasis *Medical & Veterinary Entomology*, 37: 238–251.
- 162 2022 Ignell R., Hill S., **Lazzari C.R.** & Lorenzo M.G. (eds.) *Sensory Ecology of Disease Vectors*. Wageningen Academic Publishers, 924 pp. (BOOK)
- 161 2022 **Lazzari, C.R.** The thermal sense of kissing bugs. In: Ignell, Hill, Lazzari & Lorenzo (eds.) *Sensory Ecology of Disease Vectors*. Wageningen Publishers, 621-638.
- 160 2022 **Lazzari, C.R.** & Vinauger, C. Modulation of host-seeking behaviour in kissing bugs. In: Ignell, Hill, Lazzari & Lorenzo (eds.) *Sensory Ecology of Disease Vectors*. Wageningen Publishers, 801-814.
- 159 2022. Leclerc M.A.J., Guivarc'h L., **Lazzari C.R.**, Pincebourde S. Thermal tolerance of two Diptera that pollinate thermogenic plants. *J. Thermal Biol.* 109: 103339
- 158 2022 Leonardi, M.S., Crespo, J.E., Soto, F.A., **Lazzari, C.R.** How Did Seal Lice Turn into the Only Truly Marine Insects? *Insects* 13, 46. <https://doi.org/10.3390/insects13010046>

- 157 2021 **Lazzari, C.R.** Entomología en tiempos de ómicas y de dilemas. *Ciencia e Investigacion*, 71(4) 5-6.
- 156 2021 Leonardi, M.S., Crespo, J.E., Soto, F.A., **Lazzari, C.R.** Diving Lice: The Exception to the Rule That There Are No Insects in the (Deep) Ocean. *Proceedings*, <https://sciforum.net/manuscripts/10543/manuscript.pdf>
- 155 2021 **Lazzari, C.R.** The behaviour of kissing bugs. In: Guarneri & Lorenzo (eds.) *Triatominae - The Biology of Chagas Disease Vectors*, Entomology in Focus 5, 215-238. Springer-Nature Switzerland.
- 154 2021 Insausti, T.C. and **Lazzari, C.R.** Anatomy of the Nervous System of Triatomines. In: Guarneri & Lorenzo (eds.) *Triatominae - The Biology of Chagas Disease Vectors*, Entomology in Focus 5, 123-144. Springer-Nature Switzerland.
- 153 2021 Ferreira, R.A., Lorenzo, M.G., **Lazzari, C.R.** Triggering the proboscis extension reflex (PER) in *Rhodnius prolixus*. *J. Insect Physiol.* 132, 104249
- 152 2021 **Lazzari, C.R.**, Fauquet, A., Lahondère C., Araujo, R.N. and Pereira, M.H. Soft ticks perform evaporative cooling during blood-feeding. *J. Insect Physiol.* 130: 104197, <https://doi.org/10.1016/j.jinsphys.2021.104197>
- 151 2021 Leis, M., **Lazzari, C.R.** Blood as fuel: the metabolic cost of pedestrian locomotion in *Rhodnius prolixus*. *J. Exp. Biol.* 224, jeb227264. doi:10.1242/jeb.227264.
- 150 2020 Leonardi M.S., Crespo, J.E., Soto, F.A., Vera, R.B., Rua, J.C., **Lazzari, C.R.** Under pressure: the extraordinary survival of seal lice in the depth of the sea. *J. Exp. Biol.*, 223, jeb226811. doi:10.1242/jeb.226811.
- 149 2020 **Lazzari, C.R.**, In the heat of the night. An ancestral receptor plays a key role in host detection by malaria carrying mosquitoes. *Science*, 367, 628-629.
- 148 2020 Eilerts, D., Leis M., **Lazzari, C.** and Vinauger C. Blood metabolism and oxidative stress in Zika mosquitoes. *FASEB J.* 34 S1
- 147 2019 **Lazzari, C.R.** and Cohuet A. Vectors and medical and veterinary entomology: An integrative view. *Current Opinion in Insect Science*, 34, iii-iv.
- 146 2019 **Lazzari, C.R.** The thermal sense of blood-sucking insects: why physics matters. *Current Opinion in Insect Science*, 34, 112-116.
- 145 2019 Benoit, J.B., **Lazzari, C.R.**, Denlinger, D.L. and Lahondère, C. Thermoprotective adaptations are critical for arthropods feeding on warm-blooded hosts. *Current Opinion in Insect Science*, 34, 7-11.
- 144 2018 Reinhold, J., **Lazzari, C.R.** and Lahondère, C. Effects of the environmental temperature on *Aedes aegypti* and *Aedes albopictus* mosquitoes: a review. *Insects* 9, 158; doi:10.3390/insects9040158. (WoS “Highly cited”)
- 143 2018 Baglan, H., **Lazzari, C.R.** and Guerrieri, F.J. Glyphosate impairs learning in mosquito larvae (*Aedes aegypti*) at field-realistic doses. *J. Exp. Biol.* 221, jeb187518. doi:10.1242/jeb.187518
- 142 2018 Zermoglio, P., Castelo, M.K. and **Lazzari, C.R.** Endothermy in the temperate scarab *Cyclocephala signaticollis*. *J. Insect Physiol.* 108, 10-16
- 141 2018 **Lazzari, C.R.**, Fauquet A. and Lahondère C. Keeping cool: kissing bugs avoid cannibalism by thermoregulating. *J. Insect Physiol.* 107, 29-33
- 140 2017 Pereira M.H., Paim R.M.M., Lahondère C., **Lazzari C.R.** Heat Shock Proteins and Blood-Feeding in Arthropods. In: Asea A., Kaur P. (eds.) *Heat Shock Proteins in Veterinary Medicine and Sciences*. Heat Shock Proteins, vol 12. 349-359. Springer
- 139 2017 Lahondère, C.; Insausti, T.; Paim, R.; Luan, X.; Belev, G.; Pereira, M.H.; Ianowski, J.P. and **Lazzari, C.R.** Countercurrent heat exchange and thermoregulation during blood-feeding

- in kissing bugs. *eLife* 2017;6:e26107. DOI: <https://doi.org/10.7554/eLife.26107>.
- 138 2017 Buatois, A.; Pichot, C.; Schultheiss, P.; Sandoz, J.-C.; **Lazzari, C.R.**; Chittka, L.; Avarguès-Weber, A. & Giurfa, M. Associative visual learning by tethered bees in a controlled visual environment. *Scientific Reports* 7:12903, DOI:10.1038/s41598-017-12631-w
- 137 2017 Zermoglio, P.F.; Robuchon, E.; Leonardi, M.S.; Chandre, F. & **Lazzari, C.R.** What does heat tell a mosquito? Characterization of the orientation behaviour of *Aedes aegypti* towards heat sources. *J. Insect Physiol.* 100, 9-14.
- 136 2017 Baglan, H.; **Lazzari, C.R.** & Guerrieri, F.J. Learning in mosquito larvae (*Aedes aegypti*): habituation to a visual danger signal. *J. Insect Physiol.* 98, 160-166.
- 135 2017 Labrousse, C.; **Lazzari, C.R.** & Fresquet, N. Developmental study of the Proboscis Extension Response to heat in *Rhodnius prolixus* along the life cycle. *J. Insect Physiol.* 98, 55-58.
- 134 2017 **Lazzari, C.R.** Celebrating the sequencing of the *Rhodnius prolixus* genome: A tribute to the memory of Vincent B. Wigglesworth. *J. Insect Physiol.* 97: 1-2.
- 133 2017 Barrozo, R.B.; Reisenman, C.E., Guerenstein, P.G., **Lazzari, C.R.** & Lorenzo, M.G. An inside look at the sensory biology of triatomines *J. Insect Physiol.* 97: 3-19.
- 132 2016 Casas, J.; **Lazzari, C.R.**; Insausti, T.C.; Launais, P. & Fouque, F. Mapping of courses on vector biology and vector-borne diseases systems: time for a worldwide effort. *Mem. Inst. O. Cruz* 111(11): 717-719.
- 131 2016 Paim, R.M.M.; Araujo, R.N.; Leis, M.; Sant'anna, M.; Gontijo, N.F.; **Lazzari, C.R.** & Pereira M.H. Functional evaluation of Heat Shock Proteins 70 (HSP70/HSC70) on *Rhodnius prolixus* (Hemiptera, Reduviidae) physiological responses associated with feeding and starvation. *Insect Biochem. Mol. Biol.* 77, 10-20.
- 130 2016 Mesquita, R.; +61; **Lazzari, C.R.**; +51. Correction for Mesquita et al., Genome of *Rhodnius prolixus*, an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. *PNAS* 113(10), doi: 10.1073/pnas.1600205113
- 129 2016 Vinauger, C.; Lahondère, C.; Cohuet, A.; **Lazzari, C.R.** & Riffell, J. Learning and memory in disease vector insects. *Trends in Parasitology* 32(10), 761-771.
- 128 2016 Leis, M.; Pereira, M.H.; Casas, J.; Menu, F. & **Lazzari, C.R.** Haematophagy is costly: Respiratory patterns and metabolism during feeding in *Rhodnius polixus*. *J. Exp. Biol.* 219, 1820-1826.
- 127 2015 Mesquita, R.; +60; **Lazzari, C.R.**; +50. The genome of *Rhodnius prolixus*, an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. *PNAS* 112(48): 14936-14941
- 126 2015 Vinauger, C. & **Lazzari, C.R.** Circadian modulation of learning abilities in a disease vector insect, *Rhodnius prolixus*. *J. Exp. Biol.* 218: 3110-3117
- 125 2015 Zermoglio, P.F.; Latorre-Estivalis, J.M.; Crespo, J.E.; Lorenzo, M.G. & **Lazzari C.R.** Thermosensation and the TRPV channel in *Rhodnius prolixus*. *J. Insect Physiol.* 81: 145-156
- 124 2015 Zermoglio, P.F.; Martin-Herrou, H.; Bignon, Y. & **Lazzari, C.R.** *Rhodnius prolixus* smells repellents: behavioural evidence and test of present and potential compounds inducing repellency in Chagas disease vectors. *J. Insect Physiol.* 81: 137-144
- 123 2015 Giurfa, M; Farina, W.M.; **Lazzari C.R.** & Roces F. Prof. Josué A. Núñez (1924-2014). *BeeWorld* 91: 109-110
- 122 2015 Casas, J.; Body, M.; Gutzwiller, F.; Giron, D.; **Lazzari, C.R.**; Pincebourde, S.; Richard, R. & Llandres, A.L. Increasing metabolic rate despite declining body weight in an adult parasitoid wasp. *J. Insect Physiol.* 79: 27-35
- 121 2015 **Lazzari, C.R.**; Farina, W.M.; Giurfa, M. & Roces, F. In memoriam of Prof. Josué A. Núñez (1924-2014). *J. Insect Physiol.* 72: 52-53

- 120 2015 Lahondère, C. & **Lazzari, C.R.** Thermal effect of blood feeding in the telmophagous fly *Glossina morsitans morsitans*. *J. Thermal Biol.* 48: 45–50
- 119 2014 Leonardi, M.S. & **Lazzari, C.R.** Uncovering deep mysteries: The underwater life of an amphibious louse. *J. Insect Physiol.* 71: 164–169
- 118 2014 Fresquet, N. & **Lazzari, C.R.** Daily variation of the response to heat in *Rhodnius prolixus*: The roles of light and temperature as synchronisers. *J. Insect Physiol.* 70: 36–40
- 117 2014 Zopf, L.; **Lazzari, C.R.** & Tichy, H. Infrared detection without specialized infrared receptors in the bloodsucking bug *Rhodnius prolixus*. *J. Neurophysiol.* 112: 1606–1615 DOI: 10.1152/jn.00317.2014
- 116 2014 Zopf, L.; **Lazzari, C.R.** & Tichy, H. Differential effects of ambient temperature on warm cell responses to infrared radiation in the bloodsucking bug *Rhodnius prolixus*. *J. Neurophysiol.* 111: 1341–1349. doi:10.1152/jn.00716.2013
- 115 2014 Mota, T.; Vitta, A.C.R.; Lorenzo Figueiras, A.N.; Barezani, C.P.; Zani, C.L.; **Lazzari C.R.**; Diotaiuti, L.; Jeffares, L.; Bohman, B. & Lorenzo, M.G. A Multi-species Bait for Chagas Disease Vectors. *PLoS Negl Trop Dis* 8(2):e2677. doi:10.1371/journal.pntd.0002677
- 114 2013 Latorre-Estivalis, J.M.; **Lazzari, C.R.**; Guarneri, A.A.; Mota, T.R.P., Odour, B.A.O. & Lorenzo, M.G. Genetic basis of triatomine behavior: lessons from available insect genomes. *Mem. Inst. O. Cruz* 108(Suppl. I): 63–73.
- 113 2013 **Lazzari, C.R.**; Pereira, M.H. & Lorenzo, M.G. Behavioural biology of Chagas disease vectors. *Mem. Inst. O. Cruz* 108(Suppl. I): 34–47.
- 112 2013 Lorenzo Figueiras, A.; Flores, G.B. & **Lazzari, C.R.** The role of antennae in the thermopreference of haematophagous bugs. *J. Insect Physiol.* 59: 1194–1198.
- 111 2013 Insausti, T.C.; Le Gall M. & **Lazzari, C.R.** Oxidative stress, photodamage and the role of screening pigments in insect eyes. *J. Exp. Biol.* 216: 3200–3207.
- 110 2013 Lahondère, C. & **Lazzari, C.R.** Thermal stress and thermoregulation during feeding in mosquitoes. In: *Anopheles mosquitoes - New insights into malaria vectors*, InTech Open, ISBN 980-953-307-550-6. pp. 525–538.
- 109 2013 Vinauger, C.; Lallement, H. & **Lazzari, C.R.** Learning and memory in *Rhodnius prolixus*: habituation and aversive operant conditioning of the proboscis extension response (PER). *J. Exp. Biol.* 216, 892–900.
- 108 2012 Nascimento Araújo, R.; de Figueiredo Gontijo, N.; **Lazzari, C.R.** & Pereira, M.H. Interação entre os insetos hematófagos e seus hospedeiros vertebrados. In: *Tópicos avançados em Entomologia Molecular*. (<http://www.inctem.bioqmed.ufrj.br/biblioteca/arthrolivro-1>).
- 107 2012 Dupuy, F.; Steinmann, T.; Pierre, D.; Christidès, J.-P.; Cummins, G.; **Lazzari, C.**; Miller, J. & Casas, J. Responses of cricket cercal interneurons to realistic naturalistic stimuli in the field. *J. Exp. Biol.* 215: 2382–2389
- 106 2012 Insausti, T.C.; Defrize, J., **Lazzari, C.R.** & Casas, J. Visual fields and eye morphology support color vision in a color-changing spider. *Arthropod Structure and Development* 4: 155–163.
- 105 2012 Vinauger, C.; Pereira, M.H. & **Lazzari, C.R.** Learned host preference in a Chagas disease vector, *Rhodnius prolixus*. *Acta Tropica* 122: 24– 28.
- 104 2012 Lahondère, C. & **Lazzari, C.R.** Mosquitoes cool down during blood-feeding to avoid overheating. *Current Biology* 22 40–45, doi:10.1016/j.cub.2011.11.029.
- 103 2011 **Lazzari, C.R.**, Fischbein D. & Insausti, T.C. Differential control of light-dark adaptation in the ocelli and compound eyes of *Triatoma infestans*. *J. Insect Physiol.* 57(11) 1545–155
- 102 2011 Mougabure-Cueto, G.; Picollo, M.I. & **Lazzari, C.R.** Human lice show photopositive behaviour to white light. *J. Insect Physiol.* 57(10) 1450–145.

- 101 2011 Fresquet, N.; & **Lazzari, C.R.** Response to heat in *Rhodnius prolixus*: the role of the thermal background *J. Insect Physiol.* 57(10) 1446-1449.
- 100 2011 Vinauger, C.; Buratti, L. & **Lazzari, C.R.** Learning the way to blood: first evidence of dual olfactory conditioning in a blood-sucking insect, *Rhodnius prolixus*. Part I: appetitive learning. *J. Exp. Biol.* 214, 3032-3038
- 99 2011 Vinauger, C.; Buratti, L. & **Lazzari, C.R.** Learning the way to blood: first evidence of dual olfactory conditioning in a blood-sucking insect, *Rhodnius prolixus*. Part II: aversive learning. *J. Exp. Biol.* 214, 3039-3045.
- 98 2011 Dupuy, F.Y.; Casas, J.; Body, M. & **Lazzari, C.R.** Danger detection and escape behaviour in wood crickets. *J. Insect Physiol.* 57(7): 865-871
- 97 2011 Defrize, J.; **Lazzari, C.R.**; Warrant, E. & Casas, J. Spectral sensitivity of a colour-changing spider. *J. Insect Physiol.* 57(508-513.
- 96 2011 Insausti, T.C.; **Lazzari, C.R.** & Casas, J. The Morphology and Fine Structure of the Giant Interneurons of the Wood Cricket *Nemobius sylvestris*. *Tissue & Cell* 43: 52-65.
- 95 2011 Ryelandt, J.; Noireau, F. & **Lazzari, C.R.** A multimodal bait for trapping blood-sucking arthropods. *Acta Tropica*, 117: 131-136.
- 94 2011 Crespo, J; **Lazzari, C.R.** & Castelo, M.K. Orientation mechanisms and sensory organs involved in host location in a Dipteran parasitoid larva. *J. Insect Physiol.* 57(1): 191-196.
- 93 2010 **Lazzari, C.R.** Biologia e Comportamento. In C. Galvao (ed.): *Vetores da doença de Chagas no Brasil*. pp. 21-28. Editora FIOCRUZ, Brasil.
- 92 2010 Menu, F.; Ginoux, M.; Rajon, E.; **Lazzari, C.R.** & Rabinovich, J.E. Developmental Delay in Chagas Disease Vectors: An Evolutionary Ecology Approach. *PLoS Neglected Tropical Diseases* 4(5): e691. doi:10.1371/journal.pntd.0000691
- 91 2010 Guerenstein, P.G. & **Lazzari, C.R.** The role of olfaction in host seeking of triatomine bugs. In Takken & Knols (eds.) *Ecology and Control of Vector-Borne Diseases* vol 2: Olfaction in vector-host interactions, 309-325. Wageningen Academic.
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