

# ***Curriculum vitae***

## **CONFALONIERI, VIVIANA ANDREA**

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## **EDUCATION**

1985 - 1990: Doctorado en Ciencias Biológicas (PhD in Biological Sciences), Universidad de Buenos Aires.

Title: “Estudios citogenéticos e isoenzimáticos sobre polimorfismos cromosómicos en especies de Acrididae sudamericanas”.

Advisor: Dr. Juan Hunziker.

1977 - 1982: Licenciatura en Ciencias Biológicas (Biologist), Universidad de Buenos Aires.

## **PROFESSIONAL EXPERIENCE**

June 2003 – present: Member of the Research Career in the National Research Council of Argentina (CONICET): Rank 3 of 5. Department of Ecology, Genetics, and Evolution, University of Buenos Aires.

January 1998 – June 2003: Member of the Research Career in the National Research Council of Argentina (CONICET): Rank 2 of 5. Department of Biology, University of Buenos Aires.

November 1991 – December 1998: Member of the Research Career in the National Research Council of Argentina (CONICET): Rank 1 of 5. Department of Biology, University of Buenos Aires.

September 1987 – March 1990: Higher Formation Scholarship awarded by the National Research Council (CONICET). Department of Biology, University of Buenos Aires, Laboratory of Dr. Juan Hunziker.

June 1985 – August 1987: Second Level Scholarship awarded by the National Research

Council (CONICET). Department of Biology, University of Buenos Aires, Laboratory of Dr. Juan Hunziker.

May 1983 – May 1985: First Level Scholarship awarded by National Research Council (CONICET). Department of Biology, University of Buenos Aires, Laboratory of Dr. Juan Hunziker.

## HONORS AND AWARDS

2001: Argentinean Genetics Society Award given to the best poster presented at the Evolution and Population Genetics Session in the 30<sup>th</sup> Argentinean Genetics Meeting, Mar del Plata, September 2001. “*Análisis filogenético de caracteres moleculares y cromosómicos en Dichroplus y géneros afines*” Authors: COLOMBO, P., CIGLIANO, M., SEQUEIRA, A., LANGE, C., VILARDI, J. y CONFALONIERI, V.

2001: Francisco Sáez Award given by the Argentinean Genetics Society to the best published scientific paper. “Molecular Phylogeny of *Larrea* and its allies (Zygophyllaceae): reticulate evolution and the probable time of *Creosote* Bush arrival to North America”. Authors: LIA, V.V., CONFALONIERI, V.A., COMAS, C.I., & HUNZIKER, J.H. *Molecular Phylogenetics and Evolution* **21**: 309-320.

1997: Francisco Sáez Award given by the Argentinean Genetics Society to the best published scientific paper. “Mitochondrial DNA and phylogeography of the grasshopper *Trimerotropis pallidipennis* in relation with clinal distribución of chromosome polymorphisms” Authors: CONFALONIERI, V., SEQUEIRA, A., TODARO, L. & VILARDI, J.C. *Heredity* **81**: 444- 452.

## TEACHING BACKGROUND

2006. Invited Professor. Postgraduate Department. University of La Plata. Instructor for the postgraduate course of Molecular Phylogenetics and Phylogeography.

1999 – present: Assistant Professor Dep. of Ecology, Genetics, and Evolution, University of Buenos Aires. Instructor for the undergraduate course of General Genetics and Systematic Phylogeny.

1997 – 2000: Assistant Professor Culture and Education Ministry, University of La Plata. Academic Actualization Program for Biology Teachers. Instructors for the courses of General Genetics and Molecular Biology.

1986 – 1999: Teaching Associate Dep. of Biology, University of Buenos Aires. Instructor for the undergraduate courses of General Genetics, Evolutionary Genetics, and Population Genetics.

1985 – 1986: Graduate Teaching Assistant Dep. of Biology, University of Buenos Aires.

Instructor for the undergraduate courses of Cytogenetics and Evolutionary Genetics.

1981 – 1984: Undergraduate Teaching Assistant Dep. of Biology, University of Buenos Aires. Instructor for the undergraduate courses of General Genetics, Evolutionary Genetics, and Vertebrates.

## **HUMAN RESOURCES DEVELOPMENT**

### ***Undergraduate Students Completing Research Thesis:***

Lic. Noelia Guzmán (2004)  
Lic. Florencia Tevy (2004)  
Lic. Romina Charaff (2003)  
Lic. Laura Todaro (1997)  
Lic. Mariana Matrajt (1993)

### ***Graduate Students Completing Doctoral Thesis:***

Lic. Marcela S. Rodriguero (Current)  
Lic. Tesira Tombesi (Current)  
Lic. Noelia Guzman (Current)  
Lic. Silvana Peiretti (Current)  
Dr. María A. Scataglioni (PhD 2005)  
Dr. Verónica Lía (PhD 2004)  
Dr. Josefina Alberghina (PhD 2004)  
Dr. Graciela González (PhD 2004)  
Dr. Andrea Sequeira (PhD 1996)

### ***Postdoctoral Fellows***

Dr. Bettina Mahler (2004)

## **AREAS OF RESEARCH INTEREST**

Molecular phylogeography and phylogenetics of insects applied to pest control studies and biodiversity conservation programs.

## **GRANT SUPPORT**

2006-2009 \$235590 ANCyPT “Filogeografía, origen geográfico y vías de dispersión de insectos plaga de cultivos: estudios sobre partenogénesis y capacidad colonizadora”.

2005-2006: \$72000 CONICET “Filogeografía, origen geográfico y vías de dispersión de insectos plaga de cultivos: estudios sobre partenogénesis y capacidad colonizadora”

2004-2007: \$30000\$ UBA “Filogeografía, genética poblacional y evolución de la partenogénesis en dos gorgojos plaga de importancia agronómica: *Anthonomus grandis* (picudo del algodón) y *Asynonychus cervinus*”.

2003 – 2005: \$86,000 CONICET “Estudios filogenéticos y filogeográficos en gorgojos de

interés agronómico (Insecta: Coleoptera: Curculionidae).

2003 – 2004: \$9,000 Fundación Antorchas: “Estudios poblacionales, sistemáticos y de control biológico en Curculionidae plagas del algodón con especial referencia el picudo del algodónero *Anthonomus grandis*.”

2002 – 2003: \$16,000 Fundación Antorchas: “Estudios poblacionales, sistemáticos y de control biológico en Curculionidae plagas del algodón con especial referencia el picudo del algodónero *Anthonomus grandis*.”

2000 – 2001: \$7,000 Fundación Antorchas: “Estudios poblacionales, sistemáticos y de control biológico en Curculionidae plagas del algodón con especial referencia el picudo del algodónero *Anthonomus grandis*.”

2000: U\$S1,300 UBA. Finance for Research Assistantship in the “Museum of Comparative Zoology”, Univ. of Harvard, Cambridge, USA.

1998 – 1999: \$5,000 CONICET “Estudios filogenéticos, poblacionales y biogeográficos en gorgojos de importancia agronómica: análisis de caracteres moleculares y cromosómicos”.

1997 – 2000: \$27,000 CONICET-FONCyT ”Estudio filogenético de Naupactini sudamericanos (Coleoptera: Curculionidae), integrando caracteres moleculares, morfológicos y citogenéticos”.

## **CONFERENCES AND PRESENTATIONS**

It has been communicated more than 70 works with published abstracts since 1984 up to the present in national and international Meetings of Genetics, Botany, Entomology and Cladistics.

## **INVITED CONFERENCES AND SYMPOSIA**

1. Round Table on Biodiversity at the III Congreso Argentino de Limnología, Chascomús, Buenos Aires. “Phylogeography, molecular phylogenies and biodiversity”. October, 2005.

2. Invited lecture at the XXXIII Congreso Argentino de Genética, Malargue, Mendoza, Argentina. Symposium on ““Fuerzas que modelan la estructura genética de las poblaciones: ejemplos en insectos”. “Origen, distribución y mantenimiento de la variabilidad cromosómica en *Trimerotropis pallidipennis* (Orthoptera): elementos móviles y selección natural”. September, 2004.

3. Invited lecture at the IV Reunión Argentina de Cladística y Biogeografía, Córdoba, Argentina. Symposium on “Filogenia Molecular”: “Filogeografía: análisis cladístico aplicado a estudios microevolutivos”, March 5-7, 2003.

4. Invited lecture at the XXX Congreso Argentino de Genética, Mar del Plata, Argentina.

Symposium on “Herencia citoplasmática y direccionamiento a la mitocondria de proteínas codificadas por el núcleo”: “Filogeografía de genes mitocondriales: origen y dispersión de poblaciones de un insecto plaga”. September 18<sup>th</sup>, 2001.

5. Invited presentation at the workshop on O Algodao no Cone Sul: Integrated Pest Management of the Boll Weevil in Argentina, Brazil and Paraguay: “Origin of the Boll Weevil populations of Argentina, Brazil and Paraguay: hypothesis based on the study of two mitochondrial DNA genes”. Fortaleza-Ceará, Brazil, June 27<sup>th</sup>, 2001.

6. Round Table on “The Prospects of Chromosome Research in the year 2000”, Academia Nacional de Ciencias, Córdoba, Argentina: “Chromosome studies in relation to Molecular Evolution”. September 28<sup>th</sup>, 2000.

7. Invited presentation on “Origin and dispersal of the cotton boll weevil Coleoptera: Curculionidae) in South America: A mtDNA Phylogeographic study” held at the Harvard University, Museum of Comparative Zoology, Organismic and Evolutionary Biology Department, Cambridge, Massachussets, USA. May 25<sup>th</sup>, 2000.

8. Invited lecture at the IV Congreso Argentino de Entomología, Mar del Plata, Argentina. Symposium on “Aplicaciones de técnicas moleculares en sistemática y evolución”: “Polimorfismos cromosómicos y selección natural en *Trimerotropis pallidipennis* (Orthoptera: Acrididae): análisis de caracteres isoenzimáticos y del ADN”. March 10<sup>th</sup>, 1998.

9. Invited lecture at the Universidad Nacional de La Plata, Argentina: "Caracteres Moleculares y Reconstrucción filogenética", May, 1995, 1996, 1997, and 1998.

## MEETINGS CO-ORGANIZED

XXIX Congreso Argentino de Genética y III Jornadas Chileno-Argentinas de Genética, Rosario, September 5-8, 1999.

Symposium “Aplicaciones de técnicas moleculares en sistemática y evolución”. IV Congreso Argentino de Entomología, Mar del Plata, March 8-12, 1998. In this symposium participated investigators from University of Harvard (USA), University of Illinois (USA), Universidad Nacional de La Plata (Argentina), and Universidad de Buenos Aires (Argentina).

## VISITING POSITIONS

2000: Museum of Comparative Zoology (Laboratory of Dr. Brian Farrell), Organismic and Evolutionary Biology Department, Harvard University Cambridge, Massachussets, USA. Topic: “Training in some aspects of automatic sequencing as a tool in Molecular Systematics studies, in software use, phylogenetic analyses, and molecular clocks application ”.

2004: University of Santa Maria, Rio Grande Do Sul, Brazil (Laboratory of Dr. Jerson

Guedes). Topic: Training in some aspects of the biology and field capture of weevils.

## CURRENT ACTIVITIES

In Charge of the Sequencing and Genotyping Laboratory (USFCEyN), Department of Ecology, Genetics and Evolution, FCEyN, University of Buenos Aires.

Member of the Doctoral Subcommittee of The Biological Science Career.

## REVIEWER FOR THE FOLLOWING

### *Agencies*

National Research Council (CONICET), National Agency of Science and Technology (ANPCyT), University of Buenos Aires (UBA), National Institute of Agricultural Technology (INTA), National Educational Ministry (Programa de Incentivos a los Docentes-Investigadores), University of La Plata (UNLP).

### *Journals*

Darwiniana (Argentina)  
Journal of Basic and Applied Genetics (Argentina)  
Genetica (Netherlands)  
Cytogenetics and Genome Research (UK)  
Environmental Entomology (USA)

## SOCIETY MEMBERSHIPS

Argentinean Genetics Society

## PUBLICATIONS

### *Published Manuscripts*

- CONFALONIERI, V. and BIDAU, C.J. 1986. The B-chromosomes of two species of *Cylindrotettix* (Leptysmiinae: Acrididae). *Genetica* **68**: 87-95 (Holanda).
- CONFALONIERI, V.A. 1988. Effects of centric shifts on chiasma conditions in *Trimerotropis pallidipennis* (Oediponidas: Acrididae). *Genetica* **76**: 171-179.
- BIDAU, C.J. & V. A. CONFALONIERI. 1988. A cytophotometric study of micro- and macrospermatids in three species of grasshoppers. *Cytobios* **53**: 31-41.
- CONFALONIERI, V. 1988. Effects of centric shift polymorphisms on chiasma conditions in *Trimerotropis pallidipennis* (Oedipodinae: Acrididae) *Genetica* **76**: 171-179.
- CONFALONIERI, V. and COLOMBO, P.C. 1989. Inversion polymorphisms in *Trimerotropis pallidipennis* (Orthoptera): clinal variation along an altitudinal gradient. *Heredity* **62**: 107-112.
- CONFALONIERI, V., VILARDI, J, and SAIDMAN, B., 1990. Esterase variation among Argentine populations of *Trimerotropis pallidipennis* (Orthoptera). *Genétique, Selección, Evolución* **22**: 279-288.
- CONFALONIERI, V.A. 1992. B-chromosomes of *Trimerotropis pallidipennis*

- (Oedipodinae: Acrididae): new effects on chiasma conditions. *Caryologia* **45**: 145-153.
- CONFALONIERI, V.**; VILARDI, J. and SAIDMAN, B. 1992. Allozyme variation between population of *Trimerotropis pallidipennis* (Orthoptera) chromosomically differentiated. *Evolución Biológica* **6**: 39-51.
- SANCHEZ, V. and **CONFALONIERI, V.** 1993. Chromosome banding pattern in *Trimerotropis pallidipennis* (Orthoptera: Acrididae). *Cytobios* **73**: 105-110.
- CONFALONIERI, V.A.** 1994. Inversion polymorphisms and natural selection in *Trimerotropis pallidipennis* (Orthoptera). I. Correlations with geographical variables. *Hereditas* **121**: 79-86.
- CONFALONIERI, V.A.** 1995. Macrogeographic patterns in B-chromosomes and inversion polymorphisms of the grasshopper *Trimerotropis pallidipennis*. *Genetique, selection and evolution* **27**: 305-311.
- SEQUEIRA, A.S.; **CONFALONIERI, V.A.**; REMIS, M.I. and VILARDI, J.C. 1995. Genetic and chromosomal variation in the grasshopper *Dichroplus elongatus*: Geographical gradients and natural selection. *Evolución Biológica* **8 & 9**: 283-299.
- MATRAJT, M.; **CONFALONIERI, V.**; VILARDI, J.C. 1996. Parallel adaptive patterns of allozyme and inversion polymorphisms on an ecological gradient. *Heredity* **76**: 346-354.
- COLOMBO, P.C. & **CONFALONIERI, V.A.** 1996. An adaptive pattern of inversion polymorphisms in *Trimerotropis pallidipennis*. Correlation with environmental variables: an overall view. *Hereditas* **125 (3)**: 284-290.
- POGGIO, L., **CONFALONIERI, V.**, COMAS, C., GONZALEZ, G., AULICINO, M., NARANJO, C. 1997. Relationships among *Zea luxurians*, *Z. diploperennis* and *Z. perennis* (sect. luxuriantes). *Mays Genet. Coop. N.L.* **71**:49-50.
- SEQUEIRA, A.; **CONFALONIERI, V.**; and VILARDI, J. 1997. An adaptive explanation for geographically structured allozyme variation in *Dichroplus elongatus* (Orthoptera). *Journal of Genetics* **76**: 33-42.
- REMIS, M.I.; **CONFALONIERI, V.A.** & CALCAGNO, G. 1998. Cytogenetic studies in *Sinipta dalmani* Stal (Orthoptera: Acrididae) III: Possible associations between chromosome sequences and enzymatic alleles. *Cytologia* **63**: 33-40.
- COMAS, C.I., **CONFALONIERI, V.A.** & HUNZIKER, V.A. 1998. The genus *Bulnesia* revisited: A cladistic analysis of seed protein data. *Biochemical Systematics and Ecology* **26**: 611-618.
- CONFALONIERI, V.**, SEQUEIRA, A., TODARO, L. & VILARDI, J.C. 1998. "Mitochondrial DNA and phylogeography of the grasshopper *Trimerotropis pallidipennis* in relation with clinal distribution of chromosome polymorphisms. *Heredity* **81**: 444- 452.
- CONFALONIERI, V.A.** 1998. Polimorfismos cromosómicos y selección natural en *Trimerotropis pallidipennis* (Orthoptera: Acrididae): Análisis de caracteres isoenzimáticos y del ADN. *Revista de la Sociedad Entomológica* **58**: 137-145.
- POGGIO, L., **CONFALONIERI, V.**, COMAS, C., NARANJO, C. 1998. Genome origin of paired and unpaired chromosomes in the 2n = 30 hybrid *Zea perennis* x *Zea luxurians* using GISH. ). *Mays Genet. Coop. N.L.* **72**: 54-55.
- POGGIO, L., **CONFALONIERI, V.**, COMAS, C., CUADRADO, N., JOUVE, N., & NARANJO, C. 1999. "Genomic *in situ* hybridization (GISH) of *Tripsacum dactyloides* and *Zea mays* ssp. *mays* with B- chromosomes. *Genome* **42**: 687-69.
- POGGIO, L., **CONFALONIERI, V.**, COMAS, C., GONZALEZ, G., NARANJO, C.

1999. Genomic affinities among *Zea luxurians*, *Zea Perennis* and *Zea diploperennis*: meiotic behaviour in the F1 and genomic *in situ* hybridization (GISH). *Genome* **42**: 993-1000.
- SEQUEIRA, A., LANTERI, S., SCATAGLINI, A., **CONFALONIERI, V.**, FARRELL, B. 2000. Are *Galapaganus* weevils older than the Galapagos Islands? *Heredity* **85**: 20-29.
- SCATAGLINI, M.A., **CONFALONIERI, V.A.** & LANTERI, A. A. 2000. Dispersal of the cotton boll weevil in South America: evidence of the RAPD's analysis. *Genetica* **108**: 127-136.
- GONZALEZ, G., **CONFALONIERI, V.**, COMAS, C., POGGIO, L., NARANJO, C. 2001. Relationships between *Zea mays* ssp. *mays* and *Zea mays* ssp. *parviglumis* by Genomic *in situ* Hybridization (GISH). *Mays Genet. Coop. N.L.* **75**:36.
- POGGIO, L., **CONFALONIERI, V.**, COMAS, C., GONZALEZ, G., NARANJO, C. 2000. Evolutionary relationships in the genus *Zea*: analysis of repetitive sequences used as cytological FISH markers. *Genetics and Molecular Biology* **23**: 1021-1027.
- POGGIO, L., **CONFALONIERI, V.**, GONZALEZ, G., COMAS, C., NARANJO, C. 2000. Aportes de la citogenética molecular al análisis de divergencias genómicas crípticas en el género *Zea*. *Boletín de la Sociedad Argentina de Botánica* **2**: 415-422.
- LANTERI, A.A. y **CONFALONIERI, V.A.** 2001. El ADN del pasado: estudio del material genético de las momias y los fósiles. *Ciencia Hoy* **11** (64): 45-55.
- LIA, V.V., **CONFALONIERI, V.A.**, COMAS, C.I., & HUNZIKER, J.H. 2001. Molecular Phylogeny of *Larrea* and its allies (*Zygophyllaceae*): reticulate evolution and the probable time of Creosote Bush arrival to North America. *Molecular Phylogenetics and Evolution* **21**: 309-320.
- CONFALONIERI, V.A.**, & SCATAGLINI, M.A. REMIS, M.I. 2002. Sequence differentiation among inversion rearrangements are revealed by RAPD markers in the grasshopper *Trimerotropis pallidipennis* (Orthoptera). *Annals of the Entomological Society of America* **95** (2):201-207.
- LANTERI, AA., V. A. **CONFALONIERI** y M. A. SCATAGLINI. 2003. El picudo del algodón en la Argentina: Principales resultados e implicancias de los estudios moleculares. *Rev. Soc. Entomol. Argent.* **62** (3-4):1-15.
- GONZALEZ, G., **CONFALONIERI, V.A.**, COMAS, C., NARANJO, C. y POGGIO, L. 2003. Gish affinities between subspecies of *Zea mays*. *Mays Genet. Coop. N.L.* **76**.
- GONZALEZ, G., **CONFALONIERI, V.**, COMAS, C., NARANJO, C., POGGIO, L. 2004. GISH reveals cryptic genetic differences between maize and its putative wild progenitor *Zea mays* ssp. *parviglumis*. *Genome* **47**: 947-954.
- COLOMBO, P. & **CONFALONIERI, V.A.** 2004. Cytogeography and the evolutionary significance of B-chromosomes in relation to inverted rearrangements in a grasshopper species. *Cytogenetics and Genome Research* **106**, No 2-4: 351-358.
- POGGIO, L., GONZALEZ, G., **CONFALONIERI, V.**, COMAS, C., NARANJO, C. 2005. Genomic organization and diversification of maize and its allied species: evidences from classical and molecular cytogenetics. *Cytogenetics and Genome Research* **109**: 259-267.
- SCATAGLINI, M.A., LANTERI, A.A., **CONFALONIERI, V.A.** 2005. Molecular Phylogeny of the *Naupactus-Pantomorus* complex based on morphological and molecular data (Coleoptera: Curculionidae). *Cladistics* **21**: 131-152.
- COLOMBO, P., CIGLIANO, M, SEQUEIRA, A., LANGE, C., VILARDI, J., **CONFALONIERI, V.A.** 2005. Molecular Phylogenetics of *Dichoplus* and related genera: karyotype diversification. *Cladistics* **21**: 375-381.



- SCATAGLINI, M.A., LANTERI, A.A., **CONFALONIERI**, V.A. 2006. Diversity of boll weevil populations in South America: a phylogeographic approach. *Genetica* **126**: 353–368.
- ALBERGHINA, J., VIGNA, S., **CONFALONIERI**, V. 2006 Phylogenetic position of the Oedogoniales within the green algae (Chlorophyta) and the evolution of the absolute orientation of the flagellar apparatus. *Plant Systematics and Evolution*, in press.
- GONZALEZ, G., COMAS, C., **CONFALONIERI**, V., NARANJO, C., POGGIO, L. 2006. Genomic affinities between maize and *Zea perennis* using classical and molecular cytogenetic methods (GISH-FISH). *Chromosome Research*, in press.

#### **Published Book Chapters**

- LANTERI, A.A., **CONFALONIERI**, V.A. & SCATAGLINI, M.A. 1998. Molecular studies in *Anthonomus grandis* populations. In: *Proceedings of the “II Workshop on Integrated Pest Management of the Cotton Boll Weevil in Argentina, Brazil and Paraguay”* (edited by T. Stadler), Pp 55-58. SENASA, Buenos Aires, Argentina.
- LANTERI, A. A., M. A. SCATAGLINI & V. A. **CONFALONIERI**. 1999. Migración del picudo del algodón en Sudamérica: evidencias de los estudios moleculares. In: *Proceedings of the “III International Workshop on IPM of the Cotton Boll Weevil, in Argentina, Brazil and Paraguay”* (edited by T. Stadler), Pp. 33-35. SENASA, Buenos Aires, Argentina.
- LANTERI, A. A., M. A. SCATAGLINI & V. A. **CONFALONIERI**. 2000. Caracterización de las poblaciones de *Anthonomus grandis* en Argentina, Brasil y Paraguay, mediante la técnica de RAPD's. In: *Proceedings of the “IV International Workshop on IPM of the Cotton Boll Weevil, in Argentina, Brazil and Paraguay”*. (ed. by T. Stadler), Pp. 33-40. SENASA, Buenos Aires, Argentina.
- LANTERI, A.A. y **CONFALONIERI**, V.A. 2003. Filogeografía: objetivos, métodos y ejemplos. En: *Una perspectiva latinoamericana de la biogeografía*. (ed. por J. Llorente Bousquets y J. J. Morrone), Pp. 185-193. Facultad de Ciencias, UNAM, México.
- CONFALONIERI**, V.A., M.A. SCATAGLINI y A.A. LANTERI. 2003 Origen de las poblaciones del picudo del algodón en Argentina, Brasil y Paraguay: una hipótesis basada en el estudio de genes mitocondriales. En: *Proceedings Cotton in the Southern Cone. Project Integrated Pest Management of the Cotton Boll Weevil in Argentina, Brazil and Paraguay. CFC/ICAC/04. Final Workshop Part I*: (ed. by T. Stadler), Pp. 29-39. SENASA, Buenos Aires, Argentina.

#### **Manuscripts in Review**

- LIA, V.V., **CONFALONIERI**, V.A., RATTO, N., CAMARA HERNANDEZ, J. , MIANTE ALZOGARAY, A.M., POGGIO, L., BROWN, T.A.. Microsatellite typing of ancient maize: insights into the history of agriculture in southern South America.
- LIA V.V., M. BRACCO, A.M. GOTTLIEB, L. POGGIO, V.A. **CONFALONIERI**, V.A. Complex mutational patterns and size homoplasmy at maize microsatellite loci .
- GUZMAN, N.V, LIA, V.V, LANTERI, A.A., **CONFALONIERI**, V.V. Population structure of the boll weevil in cotton fields and subtropical forests of South America: A bayesian approach.
- TEVY, F., GUZMAN, N., GONZALEZ, G., LIA, V., POGGIO, L., and **CONFALONIERI**, V. A Mobile elements and inverted rearrangements in *Trimerotropis pallidipennis* (Orthoptera: Acrididae).

