Celia R Carlini

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Also known as

Célia Regina Carlini, Célia Regina Ribeiro da Silva Carlini, Celia Regina Ribeiro da Silva Carlini, Celia RRS Carlini

Websites & Social Links

ResearchGate (https://www.researchgate.net/profile/Celia_Carlini)

Country

Brazil

Keywords

protein chemistry, urease, inflammation, neurotoxicity, insecticidal proteins, antifungal proteins

Other IDs

ResearcherID: H-4017-2011 (http://www.researcherid.com/rid/H-4017-2011)

Loop profile: 408682 (http://loop.frontiersin.org/people/408682/overview?referrer=orcid_profile)

Scopus Author ID: 7006252890 (http://www.scopus.com/inward/authorDetails.url?authorID=7006252890&partnerID=MN8TOARS)

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Employment (5)

Federal University of Health Sciences of Porto Alegre (UFCSPA): Porto Alegre, RS, BR

2024-03 to present | Visiting Professor - Permanent Teacher (Graduate Program in Biosciences)

Employment

Source: Celia R Carlini

Universidade Federal do Rio Grande do Sul (UFRGS): Porto Alegre, RS, BR

2022-08 to present | Invited Professor (Biochemistry and Center of Biotechnology)

Employment

Source: Celia R Carlini

Brain Institute of Rio Grande do Sul – PUCRS: Porto Alegre, RS, BR

2013-08 to 2022-07 | Principal Investigator (Associated) (Laboratory of Neurotoxins)

Employment

Source: Celia R Carlini

Universidade Federal do Rio Grande do Sul: Porto Alegre, RS, BR

1997-05 to 2012-08 | Full Professor (Biophysics (retired))

Employment

Source: Celia R Carlini

Universidade Federal do Rio de Janeiro: Rio de Janeiro, RJ, BR

1983-03 to 1997-04 | Associate Professor (Medical Biochemistry)

Employment

Source: Celia R Carlini

Education and qualifications (3)

Universidade Federal de Sao Paulo: Sao Paulo, SP, BR
1985-05-12 | Ph.D. (Biochemistry)
Education
Source: Celia R Carlini

Universidade Federal de Sao Paulo: Sao Paulo, SP, BR
1981-03 | MS (Biochemistry)
Education
Source: Celia R Carlini

Universidade Federal de Sao Paulo: Sao Paulo, SP, BR
1978-12 | B.S. - Biomedicine
Education
Source: Celia R Carlini

Invited positions and distinctions (2)

National Council for Scientific and Technological Development: Brasília, BR
2022-07 to present | member (Advisory Committee on Biophysics, Biochemistry, Pharmacology, Physiology and Neurosciences (CA-BF))
Invited position
Source: Celia R Carlini

Brazilian Academy of Sciences: Rio de Janeiro, RJ, BR
2008-12-19 | full member (Biomedical Sciences)
Distinction
Source: Celia R Carlini

Membership and service (2)

American Society for Microbiology: Washington D.C., District of Columbia, US
2018 to present
Membership
Source: Celia R Carlini

Sociedade Brasileira de Bioquímica e Biologia Molecular: São Paulo, SP, BR
1985 to present | full member
Membership
Source: Celia R Carlini

Works (179 of 179)

One enzyme, many faces: urease is also canatoxin
Journal of Biomolecular Structure and Dynamics
2023-12-21 | journal-article
DOI: 10.1080/07391102.2022.2158938
Source: Crossref

Could the Urease of the Gut Bacterium Proteus mirabilis Play a Role in the Altered Gut–Brain Talk Associated with Parkinson's Disease?
Microorganisms
2023-08-09 | journal-article
DOI: 10.3390/microorganisms11082042
Source: Crossref

The neurotoxic mechanism of Jack Bean Urease in insects involves the interplay between octopaminergic and dopaminergic pathways
Pesticide Biochemistry and Physiology
2023-01 | journal-article
DOI: 10.1016/j.pestbp.2022.105290
Part of ISSN: 0048-3575
Source: Celia R Carlini

Helicobacter pylori Urease: Potential Contributions to Alzheimer's Disease
International Journal of Molecular Sciences
2022-03-13 | journal-article
DOI: 10.3390/ijms23063091
Source: Crossref

Alternative Models in Neuropharmacology: The Zebrafish (Danio rerio)
Current Neuropharmacology
2022-03 | journal-article
DOI: 10.2174/1570159x2003220304143511
Part of ISSN: 1570-159X
Source: Celia R Carlini

Helicobacter Pylori Urease: Potential Contributions to Alzheimer's Disease
2022-01-13 | preprint
DOI: 10.20944/preprints202201.0194.v1
Source: Crossref

Non-enzymatic properties of Proteus mirabilis urease subunits
Process Biochemistry
2021-11 | journal-article
DOI: 10.1016/j.procbio.2021.08.023
Part of ISSN: 1359-5113
Source: Celia R Carlini

Proteus mirabilis Urease: Unsuspected Non-Enzymatic Properties Relevant to Pathogenicity
International Journal of Molecular Sciences
2021-07-04 | journal-article
DOI: 10.3390/ijms22137205
Source: Crossref

Neurotoxic and convulsant effects induced by jack bean ureases on the mammalian nervous system
Toxicology
2021-04 | journal-article
DOI: 10.1016/j.tox.2021.152737
Part of ISSN: 0300-483X
Source: Celia R Carlini

Chemical and functional analyses of Rhinella icterica (Spix, 1824) toad secretion screened on contractions of the heart and oviduct in Locusta migratoria
Journal of Insect Physiology
2021-02 | journal-article
DOI: 10.1016/j.jinsphys.2021.104192
Part of ISSN: 0022-1910
Source: Celia R Carlini

The entomotoxin Jack Bean Urease changes cathepsin D activity in nymphs of the hematophagous insect Dipetalogaster maxima (Hemiptera: Reduviidae)
Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology
2021-01 | journal-article
DOI: 10.1016/j.cbpb.2020.110511
Part of ISSN: 1096-4959
Source: Celia R Carlini

Structure-Function Insights of Jaburetox and Soyuretox: Novel Intrinsically Disordered Polypeptides Derived from Plant Ureases
Molecules
2020-11-16 | journal-article
DOI: 10.3390/molecules25225338
Source: Crossref

A new diagnostic strategy which uses a luminol-H2O2 system to detect helminth eggs in fecal sediments processed by the Helmintex method
PLOS Neglected Tropical Diseases
2020-07-30 | journal-article
DOI: 10.1371/journal.pntd.0008500
Part of ISSN: 1935-2735
Source: Celia R Carlini

Risk assessment of the antifungal and insecticidal peptide Jaburetox and its parental protein the Jack bean (Canavalia ensiformis) urease
Food and Chemical Toxicology
2020-02 | journal-article
DOI: 10.1016/j.fct.2019.110977
Part of ISSN: 0278-6915
Source: Celia R Carlini

Soluble Epoxide Hydrolase and Brain Cholesterol Metabolism
Frontiers in Molecular Neuroscience
2020-01-29 | journal-article
DOI: 10.3389/fnmol.2019.00325
Part of ISSN: 1662-5099
Source: Celia R Carlini

Soyuretox, an Intrinsically Disordered Polypeptide Derived from Soybean (Glycine Max) Ubiquitous Urease with Potential Use as a Biopesticide
International Journal of Molecular Sciences
2019-10-30 | journal-article
DOI: 10.3390/ijms20215401
Part of ISSN: 1422-0067
Source: Celia R Carlini

Helicobacter pylori urease induces pro-inflammatory effects and differentiation of human endothelial cells: Cellular and molecular mechanism
Helicobacter
2019-06 | journal-article
DOI: 10.1111/hel.12573
Part of ISSN: 1083-4389
Part of ISSN: 1523-5378
Source: Celia R Carlini

Modulation of Disordered Proteins with a Focus on Neurodegenerative Diseases and Other Pathologies
International Journal of Molecular Sciences
2019-03 | journal-article
DOI: 10.3390/ijms20061322
Source: Multidisciplinary Digital Publishing Institute

Jaburetox, a natural insecticide derived from Jack Bean Urease, activates voltage-gated sodium channels to modulate insect behavior
Pesticide Biochemistry and Physiology
2019-01 | journal-article
DOI: 10.1016/j.pestbp.2018.11.003
Part of ISSN: 0048-3575
Source: Celia R Carlini

Ureases: Historical aspects, catalytic, and non-catalytic properties – A review
Journal of Advanced Research
2018-09 | journal-article
DOI: 10.1016/j.jare.2018.05.010
Part of ISSN: 2090-1232
Source: Celia R Carlini

DmCatD, a cathepsin D-like peptidase of the hematophagous insect Dipetalogaster maxima (Hemiptera: Reduviidae): Purification, bioinformatic analyses and the significance of its interaction with lipophorin in the internalization by developing oocytes
Journal of Insect Physiology
2018 | journal-article
DOI: 10.1016/j.jinsphys.2018.01.002
EID: 2-s2.0-85040189969
Source: Celia R Carlini *via* Scopus - Elsevier

Jack bean urease modulates neurotransmitter release at insect neuromuscular junctions
Pesticide Biochemistry and Physiology
2018 | journal-article
DOI: 10.1016/j.pestbp.2018.02.009
EID: 2-s2.0-85042619288
Source: Celia R Carlini *via* Scopus - Elsevier

A new role for Helicobacter pylori urease: Contributions to angiogenesis
Frontiers in Microbiology
2017 | journal-article
DOI: 10.3389/fmicb.2017.01883
EID: 2-s2.0-85030183952
Source: Celia R Carlini *via* Scopus - Elsevier

Analysis of Herbivore Stress- and Phytohormone-Mediated Urease Expression in Soybean (Glycine max)
Journal of Plant Growth Regulation
2017 | journal-article
DOI: 10.1007/s00344-017-9739-x
EID: 2-s2.0-85027719345
Source: Celia R Carlini *via* Scopus - Elsevier

Coprophagous features in carnivorous Nepenthes plants: A task for ureases
Scientific Reports
2017 | journal-article
DOI: 10.1038/s41598-017-11999-z
EID: 2-s2.0-85029507707
Source: Celia R Carlini *via* Scopus - Elsevier

Effect of soybean ureases on seed germination and plant development
Genetics and Molecular Biology
2017 | journal-article
DOI: 10.1590/1678-4685-gmb-2016-0107
EID: 2-s2.0-85018293977
Source: Celia R Carlini *via* Scopus - Elsevier

Jaburetox affects gene expression and enzyme activities in Rhodnius prolixus, a Chagas' disease vector
Acta Tropica
2017 | journal-article
DOI: 10.1016/j.actatropica.2017.01.009
EID: 2-s2.0-85009914819
Source: Celia R Carlini *via* Scopus - Elsevier

Jaburetox-induced toxic effects on the hemocytes of Rhodnius prolixus (Hemiptera: Reduviidae)
Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology
2017 | journal-article
DOI: 10.1016/j.cbpc.2017.06.001
EID: 2-s2.0-85020706776
Source: Celia R Carlini *via* Scopus - Elsevier

Jaburetox: Update on a urease-derived peptide
Journal of Venomous Animals and Toxins Including Tropical Diseases
2017 | journal-article
DOI: 10.1186/s40409-017-0122-y
EID: 2-s2.0-85021052841
Source: Celia R Carlini *via* Scopus - Elsevier

Soybean ubiquitous urease with purification facilitator: An addition to the moonlighting studies toolbox
Process Biochemistry
2017 | journal-article
DOI: 10.1016/j.procbio.2016.12.003
EID: 2-s2.0-85009371784
Source: Celia R Carlini *via* Scopus - Elsevier

Structural analysis of the interaction between Jaburetox, an intrinsically disordered protein, and membrane models
Colloids and Surfaces B: Biointerfaces
2017 | journal-article
DOI: 10.1016/j.colsurfb.2017.08.053
EID: 2-s2.0-85041164129
Source: Celia R Carlini *via* Scopus - Elsevier

The impact of Helicobacter pylori Urease upon platelets and consequent contributions to inflammation
Frontiers in Microbiology
2017 | journal-article
DOI: 10.3389/fmicb.2017.02447
EID: 2-s2.0-85037734779
Source: Celia R Carlini *via* Scopus - Elsevier

Central and peripheral neurotoxicity induced by the Jack Bean Urease (JBU) in Nauphoeta cinerea cockroaches
Toxicology
2016 | journal-article
DOI: 10.1016/j.tox.2016.09.007
EID: 2-s2.0-84988380576
Source: Celia R Carlini *via* Scopus - Elsevier

Humoral and cellular immune responses induced by the urease-derived peptide Jaburetox in the model organism Rhodnius prolixus
Parasites and Vectors
2016 | journal-article
DOI: 10.1186/s13071-016-1710-3
EID: 2-s2.0-84979236385
Source: Celia R Carlini *via* Scopus - Elsevier

Interaction of jack bean (Canavalia ensiformis) urease and a derived peptide with lipid vesicles
Colloids and Surfaces B: Biointerfaces
2016 | journal-article
DOI: 10.1016/j.colsurfb.2016.05.063
EID: 2-s2.0-84973110415
Source: Celia R Carlini *via* Scopus - Elsevier

Microcephaly and Zika virus: A clinical and epidemiological analysis of the current outbreak in Brazil
Jornal de Pediatria
2016 | journal-article
DOI: 10.1016/j.jped.2016.02.009
EID: 2-s2.0-84963642477
Source: Celia R Carlini *via* Scopus - Elsevier

Structural and transcriptional characterization of a novel member of the soybean urease gene family
Plant Physiology and Biochemistry
2016 | journal-article
DOI: 10.1016/j.plaphy.2016.01.023
EID: 2-s2.0-84957093198
Source: Celia R Carlini *via* Scopus - Elsevier

Ureases as multifunctional toxic proteins: A review
Toxicon
2016 | journal-article
DOI: 10.1016/j.toxicon.2015.11.020
EID: 2-s2.0-84952684210
Source: Celia R Carlini *via* Scopus - Elsevier

Cryptococcus gattii urease as a virulence factor and the relevance of enzymatic activity in cryptococcosis pathogenesis
FEBS Journal
2015 | journal-article
DOI: 10.1111/febs.13229
EID: 2-s2.0-84927737349
Source: Celia R Carlini *via* Scopus - Elsevier

Effect of the urease-derived peptide Jaburetox on the central nervous system of Triatoma infestans (Insecta: Heteroptera)
Biochimica et Biophysica Acta - General Subjects
2015 | journal-article
DOI: 10.1016/j.bbagen.2014.11.008
EID: 2-s2.0-84925283933
Source: Celia R Carlini *via* Scopus - Elsevier

Pliable natural biocide: Jaburetox is an intrinsically disordered insecticidal and fungicidal polypeptide derived from jack bean urease
FEBS Journal
2015 | journal-article
DOI: 10.1111/febs.13201
EID: 2-s2.0-84925688491
Source: Celia R Carlini *via* Scopus - Elsevier

Poisonous birds: A timely review
Toxicon
2015 | journal-article
DOI: 10.1016/j.toxicon.2015.03.020
EID: 2-s2.0-84926176415
Source: Celia R Carlini *via* Scopus - Elsevier

A phospholipase A2 gene is linked to Jack bean urease toxicity in the Chagas' disease vector Rhodnius prolixus
Biochimica et Biophysica Acta - General Subjects
2014 | journal-article
DOI: 10.1016/j.bbagen.2013.09.016
EID: 2-s2.0-84885340672
Source: Celia R Carlini *via* Scopus - Elsevier

Alzheimer's and Parkinson's diseases: An environmental proteomic point of view
Journal of Proteomics
2014 | journal-article
DOI: 10.1016/j.jprot.2014.04.014
EID: 2-s2.0-84901609869
Source: Celia R Carlini *via* Scopus - Elsevier

Canavalia ensiformis urease, Jaburetox and derived peptides form ion channels in planar lipid bilayers
Archives of Biochemistry and Biophysics
2014 | journal-article
DOI: 10.1016/j.abb.2014.02.006
EID: 2-s2.0-84896518299
Source: Celia R Carlini *via* Scopus - Elsevier

Insecticidal and Antifungal Activities of Ribosome-inactivating Proteins
Ribosome-inactivating Proteins: Ricin and Related Proteins
2014 | book
Part of DOI: 10.1002/9781118847237.ch14
EID: 2-s2.0-84926259046
Source: Celia R Carlini *via* Scopus - Elsevier

Jack bean (Canavalia ensiformis) urease induces eicosanoid-modulated hemocyte aggregation in the Chagas' disease vector Rhodnius prolixus
Toxicon
2014 | journal-article
DOI: 10.1016/j.toxicon.2014.02.006
EID: 2-s2.0-84895747834
Source: Celia R Carlini *via* Scopus - Elsevier

Soybean ureases, but not that of bradyrhizobium japonicum, are involved in the process of soybean root nodulation
Journal of Agricultural and Food Chemistry
2014 | journal-article
DOI: 10.1021/jf5000612
EID: 2-s2.0-84899509664
Source: Celia R Carlini *via* Scopus - Elsevier

Structure-function studies on jaburetox, a recombinant insecticidal peptide derived from jack bean (Canavalia ensiformis) urease
Biochimica et Biophysica Acta - General Subjects
2014 | journal-article
DOI: 10.1016/j.bbagen.2013.11.010
EID: 2-s2.0-84890478436
Source: Celia R Carlini *via* Scopus - Elsevier

Variant vicilins from a resistant Vigna unguiculata lineage (IT81D-1053) accumulate inside Callosobruchus maculatus larval midgut epithelium
Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology
2014 | journal-article
DOI: 10.1016/j.cbpb.2013.11.001
EID: 2-s2.0-84888785164
Source: Celia R Carlini *via* Scopus - Elsevier

β-chain of ATP synthase as a lipophorin binding protein and its role in lipid transfer in the midgut of Panstrongylus megistus (Hemiptera: Reduviidae)
Insect Biochemistry and Molecular Biology
2014 | journal-article
DOI: 10.1016/j.ibmb.2014.06.002
EID: 2-s2.0-84903524062
Source: Celia R Carlini *via* Scopus - Elsevier

3-to-1: unraveling structural transitions in ureases
Naturwissenschaften
2013 | journal-article
Part of ISSN: 0028-1042
DOI: 10.1007/s00114-013-1045-2
Source: Celia R Carlini *via* ResearcherID

An overview of proteomics approaches applied to biopharmaceuticals and cyclotides research
Journal of Proteomics
2013 | journal-article
DOI: 10.1016/j.jprot.2013.06.009
EID: 2-s2.0-84888063613
Source: Celia R Carlini *via* Scopus - Elsevier

Evidence-based docking of the urease activation complex
Journal of Biomolecular Structure and Dynamics
2013 | journal-article
DOI: 10.1080/07391102.2012.713782
EID: 2-s2.0-84877711092
Source: Celia R Carlini *via* Scopus - Elsevier

Expression analysis and molecular characterization of aquaporins in rhodnius prolixus
Journal of Insect Physiology
2013 | journal-article
DOI: 10.1016/j.jinsphys.2013.08.013
EID: 2-s2.0-84885359238
Source: Celia R Carlini *via* Scopus - Elsevier

Pro-inflammatory properties and neutrophil activation by Helicobacter pylori urease
Toxicon
2013 | journal-article
DOI: 10.1016/j.toxicon.2013.02.009
EID: 2-s2.0-84878500814
Source: Celia R Carlini *via* Scopus - Elsevier

Role of lysine and acidic amino acid residues on the insecticidal activity of Jackbean urease
Toxicon
2013 | journal-article
DOI: 10.1016/j.toxicon.2013.05.008
EID: 2-s2.0-84879543935
Source: Celia R Carlini *via* Scopus - Elsevier

Antifungal properties of Canavalia ensiformis urease and derived peptides
Peptides
2012 | journal-article
Part of ISSN: 0196-9781
DOI: 10.1016/j.peptides.2012.08.010
Source: Celia R Carlini *via* ResearcherID

Biochemical and structural studies on native and recombinant Glycine max UreG: a detailed characterization of a plant urease accessory protein
Plant Molecular Biology
2012 | journal-article
Part of ISSN: 0167-4412
DOI: 10.1007/s11103-012-9878-1
Source: Celia R Carlini *via* ResearcherID

Biochemical, physicochemical and molecular characterization of a genuine 2-Cys-peroxiredoxin purified from cowpea [Vigna unguiculata (L.) Walpers] leaves
Biochimica et Biophysica Acta - General Subjects
2012 | journal-article
DOI: 10.1016/j.bbagen.2012.03.003
EID: 2-s2.0-84860821824
Source: Celia R Carlini *via* Scopus - Elsevier

Characterization of entomopathogenic nematodes and symbiotic bacteria active against Spodoptera frugiperda (Lepidoptera: Noctuidae) and contribution of bacterial urease to the insecticidal effect
Biological Control
2012 | journal-article
DOI: 10.1016/j.biocontrol.2012.08.002
Part of ISSN: 1049-9644
Source: Celia R Carlini *via* ResearcherID

Fungitoxic and insecticidal plant polypeptides
Biopolymers
2012 | journal-article
Part of ISSN: 0006-3525
DOI: 10.1002/bip.22097
Source: Celia R Carlini *via* ResearcherID

Investigation of the potential involvement of eicosanoid metabolites in anti-diuretic hormone signaling in Rhodnius prolixus
Peptides
2012 | journal-article
Part of ISSN: 0196-9781
DOI: 10.1016/j.peptides.2011.10.025
Source: Celia R Carlini *via* ResearcherID

Membrane-disturbing Properties of Urease and Derived Recombinant Peptides
Toxicon
2012 | journal-article
Part of ISSN: 0041-0101
DOI: 10.1016/j.toxicon.2012.04.163
Source: Celia R Carlini *via* ResearcherID

Plant Ureases and Related Peptides: Understanding Their Entomotoxic Properties
Toxins
2012 | journal-article
DOI: 10.3390/toxins4020055
Part of ISSN: 2072-6651
Source: Celia R Carlini *via* ResearcherID

Ubiquitous urease affects soybean susceptibility to fungi
Plant Molecular Biology
2012 | journal-article
Part of ISSN: 0167-4412
DOI: 10.1007/s11103-012-9894-1
Source: Celia R Carlini *via* ResearcherID

Urease of Helicobacter pylori: Roles in Inflammation and Platelet Activation
Toxicon
2012 | journal-article
Part of ISSN: 0041-0101
DOI: 10.1016/j.toxicon.2012.04.128
Source: Celia R Carlini *via* ResearcherID

Venomous mammals: A review
Toxicon
2012 | journal-article
Part of ISSN: 0041-0101
DOI: 10.1016/j.toxicon.2012.02.012
Source: Celia R Carlini *via* ResearcherID

Biochemical changes in the transition from vitellogenesis to follicular atresia in the hematophagous Dipetalogaster maxima (Hemiptera: Reduviidae)
Insect Biochemistry and Molecular Biology
2011 | journal-article
DOI: 10.1016/j.ibmb.2011.06.005
Source: Celia R Carlini *via* ResearcherID

Characterization of JBURE-IIb isoform of Canavalia ensiformis (L.) DC urease
Biochimica Et Biophysica Acta-Proteins and Proteomics
2011 | journal-article
DOI: 10.1016/j.bbapap.2011.07.022
Part of ISSN: 1570-9639
Source: Celia R Carlini *via* ResearcherID

Distribution and characterization of Corazonin in the central nervous system of Triatoma infestans (Insecta: Heteroptera)
Peptides
2011 | journal-article
DOI: 10.1016/j.peptides.2010.10.020
Source: Celia R Carlini *via* ResearcherID

Global and targeted proteomics in developing jack bean (Canavalia ensiformis) seedlings: an investigation of urease isoforms mobilization in early stages of development
Plant Molecular Biology
2011 | journal-article
DOI: 10.1007/s11103-010-9707-3
Source: Celia R Carlini *via* ResearcherID

Insecticidal effect of Canavalia ensiformis major urease on nymphs of the milkweed bug Oncopeltus fasciatus and characterization of digestive peptidases
Insect Biochemistry and Molecular Biology
2011 | journal-article
DOI: 10.1016/j.ibmb.2011.02.008
Source: Celia R Carlini *via* ResearcherID

Proteome databases and other online resources for chloroplast research in Arabidopsis
Methods in Molecular Biology
2011 | book
DOI: 10.1007/978-1-61779-237-3_6
EID: 2-s2.0-80054731383
Source: Celia R Carlini *via* Scopus - Elsevier

Vicilin-derived peptides are transferred from males to females as seminal nuptial gift in the seed-feeding beetle Callosobruchus maculatus
Journal of Insect Physiology
2011 | journal-article
DOI: 10.1016/j.jinsphys.2011.03.010
Source: Celia R Carlini *via* ResearcherID

Virulence of the entomopathogenic fungus Metarhizium anisopliae using soybean oil formulation for control of the cotton stainer bug, Dysdercus peruvianus
World Journal of Microbiology & Biotechnology
2011 | journal-article
DOI: 10.1007/s11274-011-0695-5
Source: Celia R Carlini *via* ResearcherID

Analysis of Cry8Ka5-binding proteins from Anthonomus grandis (Coleoptera: Curculionidae) midgut
Journal of Invertebrate Pathology
2010 | journal-article
DOI: 10.1016/j.jip.2010.01.012
Source: Celia R Carlini *via* ResearcherID

Gm-TX, a new toxic protein from soybean (Glycine max) seeds with potential for controlling insect pests
Process Biochemistry
2010 | journal-article
DOI: 10.1016/j.procbio.2009.12.012
Source: Celia R Carlini *via* ResearcherID

Helicobacter pylori urease activates blood platelets through a lipoxygenase-mediated pathway
Journal of Cellular and Molecular Medicine
2010 | journal-article
DOI: 10.1111/j.1582-4934.2009.00901.x
Source: Celia R Carlini *via* ResearcherID

Jack bean urease alters serotonin-induced effects on Rhodnius prolixus anterior midgut
Journal of Insect Physiology
2010 | journal-article
DOI: 10.1016/j.jinsphys.2010.03.002
Source: Celia R Carlini *via* ResearcherID

Toxinology in Brazil: A big challenge for a rich biodiversity
Toxicon
2010 | journal-article
DOI: 10.1016/j.toxicon.2010.05.005
Source: Celia R Carlini *via* ResearcherID

In vitro effect of Canavalia ensiformis urease and the derived peptide Jaburetox-2Ec on Rhodnius prolixus Malpighian tubules
Journal of Insect Physiology
2009 | journal-article
DOI: 10.1016/j.jinsphys.2008.12.002
Source: Celia R Carlini *via* ResearcherID

Membrane-disruptive properties of the bioinsecticide Jaburetox-2Ec: Implications to the mechanism of the action of insecticidal peptides derived from ureases
Biochimica Et Biophysica Acta-Proteins and Proteomics
2009 | journal-article
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