

Celia R Carlini

Célia R Carlini; Célia Regina Carlini; Célia Regina Ribeiro da Silva Carlini; Celia Regina Ribeiro da Silva Carlini; Celia RRS Carlini

 <https://orcid.org/0000-0002-7027-2445>

Biography

BSc degree in Biological Sciences - Medical modality, Universidade Federal de São Paulo (1978), MSc (1981) and PhD (1985) in Molecular Biology - Protein Chemistry, Universidade Federal de São Paulo (UNIFESP). Member of the Brazilian Academy of Sciences (elected 2009). Fellow of The World Academy of Sciences (TWAS), elected 2024. Presently, she is Full Professor (retired) of the Universidade Federal do Rio Grande do Sul, and an Invited Professor of Universidade Federal de Ciências da Saúde de Porto Alegre, RS, Brazil. Research experience in Biochemistry, Biophysics, Pharmacology and Molecular Biology. Presently, her research team is focused on studying: 1) non-enzymatic properties of ureases, such as pro-inflammatory and neurotoxic activities; 4) urease-derived biologically active peptides; 3) the role of microbial ureases as virulence factors of the bacteria *Helicobacter pylori* and *Proteus mirabilis*; 4) neuroinflammation and the role of eicosanoids.

Personal information

Emails

- celia.carlini@ufcspa.edu.br
- ccarlini@ufrgs.br

Websites & social links

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

Other IDs

- ResearcherID: H-4017-2011 (<http://www.researcherid.com/rid/H-4017-2011>)
- SciProfiles: 597069 (<https://sciprofiles.com/profile/597069>)
- 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>)
- ResearcherID: H-4017-2011 (<https://publons.com/researcher/H-4017-2011>)

Keywords

- urease, inflammation or neuroinflammation, neurotoxicity, neurodegenerative diseases, insecticidal and fungitoxic proteins, protein chemistry

Countries

- Brazil

Activities

Employments (5)

- **Federal University of Health Sciences of Porto Alegre (UFCSPA)**
Organization address: Porto Alegre, RS, BR
Start date: 2024-03
Role title: Visiting Professor
Department: Graduate Program in Biosciences
- **Universidade Federal do Rio Grande do Sul (UFRGS)**
Organization address: Porto Alegre, RS, BR
Start date: 2022-08
Role title: Invited Professor
Department: Dept. Biochemistry and Center of Biotechnology
- **Brain Institute of Rio Grande do Sul – PUCRS**
Organization address: Porto Alegre, RS, BR
Start date: 2013-08
End date: 2022-07
Role title: Principal Investigator (Associated)
Department: Laboratory of Neurotoxins
- **Universidade Federal do Rio Grande do Sul**
Organization address: Porto Alegre, RS, BR
Start date: 1997-05
End date: 2012-08
Role title: Full Professor
Department: Biophysics (retired)
- **Universidade Federal do Rio de Janeiro**
Organization address: Rio de Janeiro, RJ, BR
Start date: 1983-03
End date: 1997-04
Role title: Associate Professor
Department: Medical Biochemistry

Education and qualifications (3)

- **Universidade Federal de Sao Paulo**
Organization address: Sao Paulo, SP, BR
End date: 1985-05-12
Role title: Ph.D.
Department: Biochemistry
Type: education
- **Universidade Federal de Sao Paulo**
Organization address: Sao Paulo, SP, BR
End date: 1981-03
Role title: MS
Department: Biochemistry
Type: education
- **Universidade Federal de Sao Paulo**
Organization address: Sao Paulo, SP, BR
End date: 1978-12
Role title: B.S. - Biomedicine
Type: education

Professional activities (5)

- **American Society for Microbiology**
Organization address: Washington D.C., District of Columbia, US
Start date: 2018
End date: 2024
Type: membership
- **Brazilian Academy of Sciences**
Organization address: Rio de Janeiro, RJ, BR
Start date: 2008-12-19
Role title: full member
Department: Biomedical Sciences
URL: <http://www.abc.org.br/membro/celia-regina-ribeiro-da-silva-carlini/>
Type: distinction
- **Conselho Nacional de Desenvolvimento Científico e Tecnológico**
Organization address: Brasília, BR
Start date: 2022-07
End date: 2026-06
Role title: member
Department: Advisory Committee on Biophysics, Biochemistry, Pharmacology, Physiology and Neurosciences (CA-BF)
URL: <https://www.gov.br/cnpq/pt-br/composicao/comites-de-assessoramento/membros>
Type: invited-position
- **Sociedade Brasileira de Bioquímica e Biologia Molecular**
Organization address: São Paulo, SP, BR
Start date: 1985
Role title: full member - council member
URL: <http://www.sbbq.org.br/>
Type: membership
- **The World Academy of Sciences**
Organization address: Trieste, IT
Start date: 2025-01
Role title: Fellow
Department: Biological Sciences
Type: distinction

Works (164)

- **Jack bean urease impairs oogenesis in the Chagas disease vector *Rhodnius prolixus***
Publication date: 2026-05
Journal: International Journal of Biological Macromolecules
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.ijbiomac.2026.152280>
doi: 10.1016/j.ijbiomac.2026.152280 (<https://doi.org/10.1016/j.ijbiomac.2026.152280>)
Part of issn: 0141-8130 (<https://portal.issn.org/resource/ISSN/0141-8130>)
- **Properties and Pharmacology of Scorpion Toxins and Their Biotechnological Potential in Agriculture and Medicine**
Publication date: 2025-10-07
Journal: Toxins
Type: journal-article
URL: <https://doi.org/10.3390/toxins17100497>
doi: 10.3390/toxins17100497 (<https://doi.org/10.3390/toxins17100497>)

• **β -ATPase of the Insect *Panstrongylus megistus*: Cloning, Bioinformatics Analysis, and Study of Its Interaction With Lipophorin**

Publication date: 2025-09

Journal: Proteins: Structure, Function, and Bioinformatics

Type: journal-article

URL: <http://dx.doi.org/10.1002/prot.26830>

doi: 10.1002/prot.26830 (<https://doi.org/10.1002/prot.26830>)

Part of issn: 0887-3585 (<https://portal.issn.org/resource/ISSN/0887-3585>)

Part of issn: 1097-0134 (<https://portal.issn.org/resource/ISSN/1097-0134>)

• **Microbial Trojan Horses: Virulence Factors as Key Players in Neurodegenerative Diseases**

Publication date: 2025-02-04

Journal: Molecules

Type: journal-article

URL: <https://doi.org/10.3390/molecules30030687>

doi: 10.3390/molecules30030687 (<https://doi.org/10.3390/molecules30030687>)

• **A cell wall-targeting urease-derived peptide as a potential antifungal agent against *Candida* species**

Publication date: 2025

Journal: Current Research in Microbial Sciences

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.crmicr.2025.100399>

doi: 10.1016/j.crmicr.2025.100399 (<https://doi.org/10.1016/j.crmicr.2025.100399>)

Part of issn: 2666-5174 (<https://portal.issn.org/resource/ISSN/2666-5174>)

• **Microbial ureases**

Publication date: 2024

Journal: (Chapter 4) In: Ureases: Functions, Classes and Applications. Eds: Ligabue-Braun, R. and Carlini, C.R.; 1 ed.: Elsevier, 2024, p.47-98.

Type: book-chapter

URL: <http://dx.doi.org/10.1016/b978-0-323-91800-8.00014-x>

doi: 10.1016/b978-0-323-91800-8.00014-x (<https://doi.org/10.1016/b978-0-323-91800-8.00014-x>)

Part of isbn: 9780323918008 (<https://www.worldcat.org/isbn/9780323918008>)

• **Nonenzymatic properties of ureases**

Publication date: 2024

Journal: (Chapter 10) In: Ureases: Classes, Functions, and Applications. Eds: Ligabue-Braun, R. and Carlini, C.R.; 1 ed.: Elsevier Science

Type: book-chapter

URL: <http://dx.doi.org/10.1016/b978-0-323-91800-8.00013-8>

doi: 10.1016/b978-0-323-91800-8.00013-8 (<https://doi.org/10.1016/b978-0-323-91800-8.00013-8>)

Part of isbn: 9780323918008 (<https://www.worldcat.org/isbn/9780323918008>)

• **Ureases: neurotoxicity of *Canavalia ensiformis* ureases in the rodent and insect nervous systems**

Publication date: 2024

Journal: (Chapter 33) In: Natural Molecules in Neuroprotection and Neurotoxicity, Ed. Oliveira, M.; 1 ed.: Elsevier Science

Type: book-chapter

URL: <http://dx.doi.org/10.1016/b978-0-443-23763-8.00072-5>

doi: 10.1016/b978-0-443-23763-8.00072-5 (<https://doi.org/10.1016/b978-0-443-23763-8.00072-5>)

Part of isbn: 9780443237638 (<https://www.worldcat.org/isbn/9780443237638>)

• **Versatility of ureases: many uses for biotechnological and medical applications**

Publication date: 2024

Journal: (Chapter 16) In: Ureases: Classes, Functions, and Applications. Eds: Ligabue-Braun, R. and Carlini, C.R.; 1 ed.: Elsevier Science

Type: book-chapter

URL: <http://dx.doi.org/10.1016/b978-0-323-91800-8.00012-6>

doi: 10.1016/b978-0-323-91800-8.00012-6 (<https://doi.org/10.1016/b978-0-323-91800-8.00012-6>)

Part of isbn: 9780323918008 (<https://www.worldcat.org/isbn/9780323918008>)

• **The neurotoxic mechanism of Jack Bean Urease in insects involves the interplay between octopaminergic and dopaminergic pathways**

Publication date: 2023-01

Journal: Pesticide Biochemistry and Physiology

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.pestbp.2022.105290>

doi: 10.1016/j.pestbp.2022.105290 (<https://doi.org/10.1016/j.pestbp.2022.105290>)

Part of issn: 0048-3575 (<https://portal.issn.org/resource/ISSN/0048-3575>)

• **Could the Urease of the Gut Bacterium *Proteus mirabilis* Play a Role in the Altered Gut-Brain Talk Associated with Parkinson's Disease?**

Publication date: 2023

Journal: Microorganisms

Type: journal-article

URL: <https://publons.com/wos-op/publon/63180881/>

doi: 10.3390/MICROORGANISMS11082042 (<https://doi.org/10.3390/MICROORGANISMS11082042>)

wosuid: WOS:001055472600001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:001055472600001&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Alternative Models in Neuropharmacology: The Zebrafish (*Danio rerio*)**

Publication date: 2022-03

Journal: Current Neuropharmacology

Type: journal-article

URL: <http://dx.doi.org/10.2174/1570159x2003220304143511>

- doi: 10.2174/1570159x2003220304143511 (<https://doi.org/10.2174/1570159x2003220304143511>)
Part of issn: 1570-159X (<https://portal.issn.org/resource/ISSN/1570-159X>)
- <i>Helicobacter pylori</i> Urease: Potential Contributions to Alzheimer's Disease**
Publication date: 2022
Journal: International Journal of Molecular Sciences
Type: journal-article
URL: <https://publons.com/wos-op/publon/54477593/>
doi: 10.3390/IJMS23063091 (<https://doi.org/10.3390/IJMS23063091>)
wosuid: WOS:000775533200001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000775533200001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - One enzyme, many faces: urease is also canatoxin**
Publication date: 2022
Journal: Journal of Biomolecular Structure and Dynamics
Type: journal-article
URL: <https://publons.com/wos-op/publon/55336473/>
doi: 10.1080/07391102.2022.2158938 (<https://doi.org/10.1080/07391102.2022.2158938>)
wosuid: WOS:000903224000001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000903224000001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Non-enzymatic properties of *Proteus mirabilis* urease subunits**
Publication date: 2021-11
Journal: Process Biochemistry
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.procbio.2021.08.023>
doi: 10.1016/j.procbio.2021.08.023 (<https://doi.org/10.1016/j.procbio.2021.08.023>)
Part of issn: 1359-5113 (<https://portal.issn.org/resource/ISSN/1359-5113>)
 - Neurotoxic and convulsant effects induced by jack bean ureases on the mammalian nervous system**
Publication date: 2021-04
Journal: Toxicology
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.tox.2021.152737>
doi: 10.1016/j.tox.2021.152737 (<https://doi.org/10.1016/j.tox.2021.152737>)
Part of issn: 0300-483X (<https://portal.issn.org/resource/ISSN/0300-483X>)
 - Chemical and functional analyses of *Rhinella icterica* (Spix, 1824) toad secretion screened on contractions of the heart and oviduct in *Locusta migratoria***
Publication date: 2021-02
Journal: Journal of Insect Physiology
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.jinsphys.2021.104192>
doi: 10.1016/j.jinsphys.2021.104192 (<https://doi.org/10.1016/j.jinsphys.2021.104192>)
Part of issn: 0022-1910 (<https://portal.issn.org/resource/ISSN/0022-1910>)
 - The entomotoxin Jack Bean Urease changes cathepsin D activity in nymphs of the hematophagous insect *Dipetalogaster maxima* (Hemiptera: Reduviidae)**
Publication date: 2021-01
Journal: Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.cbpb.2020.110511>
doi: 10.1016/j.cbpb.2020.110511 (<https://doi.org/10.1016/j.cbpb.2020.110511>)
Part of issn: 1096-4959 (<https://portal.issn.org/resource/ISSN/1096-4959>)
 - <i>Proteus mirabilis</i> Urease: Unsuspected Non-Enzymatic Properties Relevant to Pathogenicity**
Publication date: 2021
Journal: International Journal of Molecular Sciences
Type: journal-article
URL: <https://publons.com/wos-op/publon/47623073/>
doi: 10.3390/IJMS22137205 (<https://doi.org/10.3390/IJMS22137205>)
wosuid: WOS:000671107800001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000671107800001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Toxicity of the Jaburetox peptide to the multi-host insect- pest *Helicoverpa armigera* (Lepidoptera: Noctuidae) larvae**
Publication date: 2021
Journal: Florida Entomologist
Type: journal-article
URL: <https://publons.com/wos-op/publon/50712970/>
wosuid: WOS:000702849700013 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000702849700013&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - A new diagnostic strategy which uses a luminol-H₂O₂ system to detect helminth eggs in fecal sediments processed by the Helmintex method**
Publication date: 2020-07-30
Journal: PLOS Neglected Tropical Diseases
Type: journal-article
URL: <http://dx.doi.org/10.1371/journal.pntd.0008500>
doi: 10.1371/journal.pntd.0008500 (<https://doi.org/10.1371/journal.pntd.0008500>)
Part of issn: 1935-2735 (<https://portal.issn.org/resource/ISSN/1935-2735>)
 - Risk assessment of the antifungal and insecticidal peptide Jaburetox and its parental protein the Jack bean (*Canavalia ensiformis*) urease**

Publication date: 2020-02

Journal: Food and Chemical Toxicology

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.fct.2019.110977>

doi: 10.1016/j.fct.2019.110977 (<https://doi.org/10.1016/j.fct.2019.110977>)

Part of issn: 0278-6915 (<https://portal.issn.org/resource/ISSN/0278-6915>)

• **Soluble Epoxide Hydrolase and Brain Cholesterol Metabolism**

Publication date: 2020-01-29

Journal: Frontiers in Molecular Neuroscience

Type: journal-article

URL: <http://dx.doi.org/10.3389/fnmol.2019.00325>

doi: 10.3389/fnmol.2019.00325 (<https://doi.org/10.3389/fnmol.2019.00325>)

Part of issn: 1662-5099 (<https://portal.issn.org/resource/ISSN/1662-5099>)

• **Structure-Function Insights of Jaburetox and Soyuretox: Novel Intrinsically Disordered Polypeptides Derived from Plant Ureases**

Publication date: 2020

Journal: Molecules

Type: journal-article

URL: <https://publons.com/wos-op/publon/34645465/>

doi: 10.3390/MOLECULES25225338 (<https://doi.org/10.3390/MOLECULES25225338>)

wosuid: WOS:000594232000001 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000594232000001&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000594232000001&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000594232000001&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **Soyuretox, an Intrinsically Disordered Polypeptide Derived from Soybean (Glycine Max) Ubiquitous Urease with Potential Use as a Biopesticide**

Publication date: 2019-10-30

Journal: International Journal of Molecular Sciences

Type: journal-article

URL: <http://dx.doi.org/10.3390/ijms20215401>

doi: 10.3390/ijms20215401 (<https://doi.org/10.3390/ijms20215401>)

Part of issn: 1422-0067 (<https://portal.issn.org/resource/ISSN/1422-0067>)

• **Helicobacter pylori urease induces pro-inflammatory effects and differentiation of human endothelial cells: Cellular and molecular mechanism**

Publication date: 2019-06

Journal: Helicobacter

Type: journal-article

URL: <http://dx.doi.org/10.1111/hel.12573>

doi: 10.1111/hel.12573 (<https://doi.org/10.1111/hel.12573>)

Part of issn: 1083-4389 (<https://portal.issn.org/resource/ISSN/1083-4389>)

Part of issn: 1523-5378 (<https://portal.issn.org/resource/ISSN/1523-5378>)

• **Jaburetox, a natural insecticide derived from Jack Bean Urease, activates voltage-gated sodium channels to modulate insect behavior**

Publication date: 2019-01

Journal: Pesticide Biochemistry and Physiology

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.pestbp.2018.11.003>

doi: 10.1016/j.pestbp.2018.11.003 (<https://doi.org/10.1016/j.pestbp.2018.11.003>)

Part of issn: 0048-3575 (<https://portal.issn.org/resource/ISSN/0048-3575>)

• **Modulation of Disordered Proteins with a Focus on Neurodegenerative Diseases and Other Pathologies**

Publication date: 2019

Journal: International Journal of Molecular Sciences

Type: journal-article

URL: <https://publons.com/wos-op/publon/21291866/>

doi: 10.3390/IJMS20061322 (<https://doi.org/10.3390/IJMS20061322>)

wosuid: WOS:000464293400018 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000464293400018&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000464293400018&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000464293400018&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **Ureases: Historical aspects, catalytic, and non-catalytic properties – A review**

Publication date: 2018-09

Journal: Journal of Advanced Research

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.jare.2018.05.010>

doi: 10.1016/j.jare.2018.05.010 (<https://doi.org/10.1016/j.jare.2018.05.010>)

Part of issn: 2090-1232 (<https://portal.issn.org/resource/ISSN/2090-1232>)

• **Analysis of Herbivore Stress- and Phytohormone-Mediated Urease Expression in Soybean (Glycine max)**

Publication date: 2018

Journal: Journal of Plant Growth Regulation

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891326/>

doi: 10.1007/S00344-017-9739-X (<https://doi.org/10.1007/S00344-017-9739-X>)

wosuid: WOS:000431420000007 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000431420000007&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000431420000007&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000431420000007&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **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**

Publication date: 2018

Journal: Journal of Insect Physiology

- Type: journal-article
URL: <https://publons.com/wos-op/publon/2891293/>
doi: 10.1016/J.JINSPHYS.2018.01.002 (<https://doi.org/10.1016/J.JINSPHYS.2018.01.002>)
wosuid: WOS:000427218000004 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000427218000004&DestLinkType=FullRecord&DestApp=WOS_CPL)
- Jack bean urease modulates neurotransmitter release at insect neuromuscular junctions**
Publication date: 2018
Journal: Pesticide Biochemistry and Physiology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891328/>
doi: 10.1016/J.PESTBP.2018.02.009 (<https://doi.org/10.1016/J.PESTBP.2018.02.009>)
wosuid: WOS:000430528000009 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000430528000009&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - A New Role for <i>Helicobacter</i> <i>pylori</i> Urease: Contributions to Angiogenesis**
Publication date: 2017
Journal: Frontiers in Microbiology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891341/>
doi: 10.3389/FMICB.2017.01883 (<https://doi.org/10.3389/FMICB.2017.01883>)
wosuid: WOS:000411790000001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000411790000001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Coprophagous features in carnivorous Nepenthes plants: a task for ureases**
Publication date: 2017
Journal: Scientific Reports
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891300/>
doi: 10.1038/S41598-017-11999-Z (<https://doi.org/10.1038/S41598-017-11999-Z>)
wosuid: WOS:000410740300002 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000410740300002&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Effect of soybean ureases on seed germination and plant development**
Publication date: 2017
Journal: Genetics and Molecular Biology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891299/>
doi: 10.1590/1678-4685-GMB-2016-0107 (<https://doi.org/10.1590/1678-4685-GMB-2016-0107>)
wosuid: WOS:000402529800004 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000402529800004&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Entomotoxic Plant Proteins: Potential Molecules to Develop Genetically Modified Plants Resistant to Insect-Pests**
Publication date: 2017
Journal: Plant Toxins
Type: journal-article
URL: <https://publons.com/wos-op/publon/21264426/>
doi: 10.1007/978-94-007-6464-4_13 (https://doi.org/10.1007/978-94-007-6464-4_13)
wosuid: WOS:000460669400021 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000460669400021&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Jaburetox affects gene expression and enzyme activities in <i>Rhodnius prolixus</i>, a Chagas' disease vector**
Publication date: 2017
Journal: Acta Tropica
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891295/>
doi: 10.1016/J.ACTATROPICA.2017.01.009 (<https://doi.org/10.1016/J.ACTATROPICA.2017.01.009>)
wosuid: WOS:000395219800010 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000395219800010&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Jaburetox-induced toxic effects on the hemocytes of <i>Rhodnius prolixus</i> (Hemiptera: Reduviidae)**
Publication date: 2017
Journal: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891294/>
doi: 10.1016/J.CBPC.2017.06.001 (<https://doi.org/10.1016/J.CBPC.2017.06.001>)
wosuid: WOS:000411419200003 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000411419200003&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Jaburetox: update on a urease-derived peptide**
Publication date: 2017
Journal: Journal of Venomous Animals and Toxins Including Tropical Diseases
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891298/>
doi: 10.1186/S40409-017-0122-Y (<https://doi.org/10.1186/S40409-017-0122-Y>)
wosuid: WOS:000403305200001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000403305200001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Moonlighting Toxins: Ureases and Beyond**

- Publication date: 2017
Journal: Plant Toxins
Type: journal-article
URL: <https://publons.com/wos-op/publon/21291872/>
doi: 10.1007/978-94-007-6464-4_10 (https://doi.org/10.1007/978-94-007-6464-4_10)
wosuid: WOS:000460669400011 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000460669400011&DestLinkType=FullRecord&DestApp=WOS_CPL)
- Plant Toxins Volume Preface**
Publication date: 2017
Journal: EVOLUTION OF VENOMOUS ANIMALS AND THEIR TOXINS
Type: journal-article
URL: <https://publons.com/wos-op/publon/21291871/>
wosuid: WOS:000460669400002 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000460669400002&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Soybean ubiquitous urease with purification facilitator: An addition to the moonlighting studies toolbox**
Publication date: 2017
Journal: Process Biochemistry
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891329/>
doi: 10.1016/J.PROCBIO.2016.12.003 (<https://doi.org/10.1016/J.PROCBIO.2016.12.003>)
wosuid: WOS:000394403400029 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000394403400029&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Structural analysis of the interaction between Jaburetox, an intrinsically disordered protein, and membrane models**
Publication date: 2017
Journal: Colloids and Surfaces B: Biointerfaces
Type: journal-article
URL: <https://publons.com/wos-op/publon/1061549/>
doi: 10.1016/J.COLSURFB.2017.08.053 (<https://doi.org/10.1016/J.COLSURFB.2017.08.053>)
wosuid: WOS:000418729600097 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000418729600097&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - The Impact of Helicobacter pylori Urease upon Platelets and Consequent Contributions to Inflammation**
Publication date: 2017
Journal: Frontiers in Microbiology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891303/>
doi: 10.3389/FMICB.2017.02447 (<https://doi.org/10.3389/FMICB.2017.02447>)
wosuid: WOS:000417698000001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000417698000001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Central and peripheral neurotoxicity induced by the Jack Bean Urease (JBU) in *Nauphoeta cinerea* cockroaches**
Publication date: 2016
Journal: Toxicology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891297/>
doi: 10.1016/J.TOX.2016.09.007 (<https://doi.org/10.1016/J.TOX.2016.09.007>)
wosuid: WOS:000387199300016 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000387199300016&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Humoral and cellular immune responses induced by the urease-derived peptide Jaburetox in the model organism *Rhodnius prolixus***
Publication date: 2016
Journal: Parasites & Vectors
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891340/>
doi: 10.1186/S13071-016-1710-3 (<https://doi.org/10.1186/S13071-016-1710-3>)
wosuid: WOS:000380334200001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000380334200001&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Interaction of jack bean (*Canavalia ensiformis*) urease and a derived peptide with lipid vesicles**
Publication date: 2016
Journal: Colloids and Surfaces B: Biointerfaces
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891304/>
doi: 10.1016/J.COLSURFB.2016.05.063 (<https://doi.org/10.1016/J.COLSURFB.2016.05.063>)
wosuid: WOS:000381171800068 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000381171800068&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Microcephaly and Zika virus: a clinical and epidemiological analysis of the current outbreak in Brazil**
Publication date: 2016
Journal: Jornal de Pediatria
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891296/>
doi: 10.1016/J.JPED.2016.02.009 (<https://doi.org/10.1016/J.JPED.2016.02.009>)
wosuid: WOS:000378846100004 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000378846100004&DestLinkType=FullRecord&DestApp=WOS_CPL)

- **Structural and transcriptional characterization of a novel member of the soybean urease gene family**
Publication date: 2016
Journal: Plant Physiology and Biochemistry
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891344/>
doi: 10.1016/J.PLAPHY.2016.01.023 (<https://doi.org/10.1016/J.PLAPHY.2016.01.023>)
wosuid: WOS:000373553600011 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000373553600011&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Ureases as multifunctional toxic proteins: A review**
Publication date: 2016
Journal: Toxicon
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84952684210&partnerID=MN8TOARS>
doi: 10.1016/j.toxicon.2015.11.020
eid: 2-s2.0-84952684210
- **<i>Cryptococcus gattii</i> urease as a virulence factor and the relevance of enzymatic activity in cryptococcosis pathogenesis**
Publication date: 2015
Journal: The FEBS Journal
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891301/>
doi: 10.1111/FEBS.13229 (<https://doi.org/10.1111/FEBS.13229>)
wosuid: WOS:000353659600006 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000353659600006&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Effect of the urease-derived peptide Jaburetox on the central nervous system of Triatoma infestans (Insecta: Hemiptera)**
Publication date: 2015
Journal: Biochimica et Biophysica Acta (BBA) - General Subjects
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891302/>
doi: 10.1016/J.BBAGEN.2014.11.008 (<https://doi.org/10.1016/J.BBAGEN.2014.11.008>)
wosuid: WOS:000348256800001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000348256800001&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Pliable natural biocide: Jaburetox is an intrinsically disordered insecticidal and fungicidal polypeptide derived from jack bean urease**
Publication date: 2015
Journal: The FEBS Journal
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891316/>
doi: 10.1111/FEBS.13201 (<https://doi.org/10.1111/FEBS.13201>)
wosuid: WOS:000351609700005 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000351609700005&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Poisonous birds: A timely review**
Publication date: 2015
Journal: Toxicon
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84926176415&partnerID=MN8TOARS>
doi: 10.1016/j.toxicon.2015.03.020
eid: 2-s2.0-84926176415
- **Insecticidal and Antifungal Activities of Ribosome-inactivating Proteins**
Publication date: 2014-05-28
Journal: Ribosome-inactivating Proteins
Type: other
URL: <http://dx.doi.org/10.1002/9781118847237.ch14>
doi: 10.1002/9781118847237.ch14 (<https://doi.org/10.1002/9781118847237.ch14>)
isbn: 9781118125656 (<https://www.worldcat.org/isbn/9781118125656>)
isbn: 9781118847237 (<https://www.worldcat.org/isbn/9781118847237>)
- **A phospholipase A2 gene is linked to Jack bean urease toxicity in the Chagas' disease vector Rhodnius prolixus**
Publication date: 2014
Journal: Biochimica et Biophysica Acta - General Subjects
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84885340672&partnerID=MN8TOARS>
doi: 10.1016/j.bbagen.2013.09.016
eid: 2-s2.0-84885340672
- **Alzheimer's and Parkinson's diseases: An environmental proteomic point of view**
Publication date: 2014
Journal: Journal of Proteomics
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84901609869&partnerID=MN8TOARS>
doi: 10.1016/j.jprot.2014.04.014
eid: 2-s2.0-84901609869
- **Canavalia ensiformis urease, Jaburetox and derived peptides form ion channels in planar lipid bilayers**
Publication date: 2014

Journal: Archives of Biochemistry and Biophysics

Type: journal-article

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84896518299&partnerID=MN8TOARS>

doi: 10.1016/j.abb.2014.02.006

eid: 2-s2.0-84896518299

- **Enhanced Synthesis of Antioxidant Enzymes, Defense Proteins and Leghemoglobin in Rhizobium-Free Cowpea Roots after Challenging with *Meloidogyne incognita***

Publication date: 2014

Journal: Proteomes

Type: journal-article

URL: <https://publons.com/wos-op/publon/19653532/>

doi: 10.3390/PROTEOMES2040527 (<https://doi.org/10.3390/PROTEOMES2040527>)

wosuid: WOS:000218601400004 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000218601400004&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000218601400004&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000218601400004&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Insecticidal and Antifungal Activities of Ribosome-inactivating Proteins**

Publication date: 2014

Journal: Ribosome-inactivating Proteins: Ricin and Related Proteins

Type: book

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84926259046&partnerID=MN8TOARS>

Part of doi: 10.1002/9781118847237.ch14

eid: 2-s2.0-84926259046

- **Jack bean (*Canavalia ensiformis*) urease induces eicosanoid-modulated hemocyte aggregation in the Chagas' disease vector *Rhodnius prolixus***

Publication date: 2014

Journal: Toxicon

Type: journal-article

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84895747834&partnerID=MN8TOARS>

doi: 10.1016/j.toxicon.2014.02.006

eid: 2-s2.0-84895747834

- **Soybean ureases, but not that of *bradyrhizobium japonicum*, are involved in the process of soybean root nodulation**

Publication date: 2014

Journal: Journal of Agricultural and Food Chemistry

Type: journal-article

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84899509664&partnerID=MN8TOARS>

doi: 10.1021/jf5000612

eid: 2-s2.0-84899509664

- **Structure-function studies on jaburetox, a recombinant insecticidal peptide derived from jack bean (*Canavalia ensiformis*) urease**

Publication date: 2014

Journal: Biochimica et Biophysica Acta (BBA) - General Subjects

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891343/>

doi: 10.1016/J.BBAGEN.2013.11.010 (<https://doi.org/10.1016/J.BBAGEN.2013.11.010>)

wosuid: WOS:000331344700001 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000331344700001&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000331344700001&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000331344700001&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Variant vicilins from a resistant *Vigna unguiculata* lineage (IT81D-1053) accumulate inside *Callosobruchus maculatus* larval midgut epithelium**

Publication date: 2014

Journal: Comparative Biochemistry and Physiology. Part B, Biochemistry & Molecular Biology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891345/>

doi: 10.1016/J.CBPB.2013.11.001 (<https://doi.org/10.1016/J.CBPB.2013.11.001>)

wosuid: WOS:000329948200005 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000329948200005&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000329948200005&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000329948200005&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **β -chain of ATP synthase as a lipophorin binding protein and its role in lipid transfer in the midgut of *Panstrongylus megistus* (Hemiptera: Reduviidae)**

Publication date: 2014

Journal: Insect Biochemistry and Molecular Biology

Type: journal-article

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84903524062&partnerID=MN8TOARS>

doi: 10.1016/j.ibmb.2014.06.002

eid: 2-s2.0-84903524062

- **3-to-1: unraveling structural transitions in ureases**

Publication date: 2013

Journal: The Science of Nature

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891356/>

doi: 10.1007/S00114-013-1045-2 (<https://doi.org/10.1007/S00114-013-1045-2>)

wosuid: WOS:000318795000007 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000318795000007&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000318795000007&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000318795000007&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **An overview of proteomics approaches applied to biopharmaceuticals and cyclotides research**

Publication date: 2013

Journal: Journal of Proteomics

Type: journal-article

URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84888063613&partnerID=MN8TOARS>

doi: 10.1016/j.jprot.2013.06.009

eid: 2-s2.0-84888063613

- **Evidence-based docking of the urease activation complex**

Publication date: 2013

Journal: Journal of Biomolecular Structure and Dynamics

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891322/>

doi: 10.1080/07391102.2012.713782 (<https://doi.org/10.1080/07391102.2012.713782>)

wosuid: WOS:000321732100005 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000321732100005&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000321732100005&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000321732100005&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Expression analysis and molecular characterization of aquaporins in *Rhodnius prolixus***

Publication date: 2013

Journal: Journal of Insect Physiology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891308/>

doi: 10.1016/J.JINSPHYS.2013.08.013 (<https://doi.org/10.1016/J.JINSPHYS.2013.08.013>)

wosuid: WOS:000326909400008 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000326909400008&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000326909400008&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000326909400008&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Pro-inflammatory properties and neutrophil activation by *Helicobacter pylori* urease**

Publication date: 2013

Journal: Toxicon

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891358/>

doi: 10.1016/J.TOXICON.2013.02.009 (<https://doi.org/10.1016/J.TOXICON.2013.02.009>)

wosuid: WOS:000320836100030 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000320836100030&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000320836100030&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000320836100030&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Role of lysine and acidic amino acid residues on the insecticidal activity of jackbean urease**

Publication date: 2013

Journal: Toxicon

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891361/>

doi: 10.1016/J.TOXICON.2013.05.008 (<https://doi.org/10.1016/J.TOXICON.2013.05.008>)

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[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000322208100010&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000322208100010&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Soybean Urease: Over a Hundred Years of Knowledge**

Publication date: 2013

Journal: Comprehensive Survey of International Soybean Research - Genetics, Physiology, Agronomy and Nitrogen Relationships

Type: journal-article

URL: <https://publons.com/wos-op/publon/4720907/>

doi: 10.5772/52106 (<https://doi.org/10.5772/52106>)

wosuid: WOS:000357914400016 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000357914400016&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000357914400016&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000357914400016&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Investigation of the potential involvement of eicosanoid metabolites in anti-diuretic hormone signaling in *Rhodnius prolixus***

Publication date: 2012-03

Journal: Peptides

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.peptides.2011.10.025>

doi: 10.1016/j.peptides.2011.10.025 (<https://doi.org/10.1016/j.peptides.2011.10.025>)

Part of issn: 0196-9781 (<https://portal.issn.org/resource/ISSN/0196-9781>)

- **Antifungal properties of *Canavalia ensiformis* urease and derived peptides**

Publication date: 2012

Journal: Peptides

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891309/>

doi: 10.1016/J.PEPTIDES.2012.08.010 (<https://doi.org/10.1016/J.PEPTIDES.2012.08.010>)

wosuid: WOS:000313773700004 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000313773700004&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000313773700004&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000313773700004&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Biochemical and structural studies on native and recombinant Glycine max UreG: a detailed characterization of a plant urease accessory protein**

Publication date: 2012

Journal: Plant Molecular Biology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891323/>

doi: 10.1007/S11103-012-9878-1 (<https://doi.org/10.1007/S11103-012-9878-1>)

wosuid: WOS:000302252300011 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000302252300011&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000302252300011&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000302252300011&DestLinkType=FullRecord&DestApp=WOS_CPL))

- **Biochemical, physicochemical and molecular characterization of a genuine 2-Cys-peroxiredoxin purified from cowpea [*Vigna unguiculata* (L.) Walpers] leaves**

Publication date: 2012

Journal: Biochimica et Biophysica Acta (BBA) - General Subjects

Type: journal-article

- URL: <https://publons.com/wos-op/publon/2891325/>
doi: 10.1016/J.BBAGEN.2012.03.003 (<https://doi.org/10.1016/J.BBAGEN.2012.03.003>)
wosuid: WOS:000305366100040 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000305366100040&DestLinkType=FullRecord&DestApp=WOS_CPL)
- Characterization of entomopathogenic nematodes and symbiotic bacteria active against *Spodoptera frugiperda* (Lepidoptera: Noctuidae) and contribution of bacterial urease to the insecticidal effect**

Publication date: 2012

Journal: Biological Control

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891357/>

doi: 10.1016/J.BIOCONTROL.2012.08.002 (<https://doi.org/10.1016/J.BIOCONTROL.2012.08.002>)

wosuid: WOS:000311429300004 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000311429300004&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Fungitoxic and insecticidal plant polypeptides**

Publication date: 2012

Journal: Biopolymers

Type: journal-article

Part of issn: 0006-3525

doi: 10.1002/bip.22097
 - Plant Ureases and Related Peptides: Understanding Their Entomotoxic Properties**

Publication date: 2012

Journal: Toxins

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891310/>

doi: 10.3390/TOXINS4020055 (<https://doi.org/10.3390/TOXINS4020055>)

wosuid: WOS:000307981400002 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000307981400002&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Ubiquitous urease affects soybean susceptibility to fungi**

Publication date: 2012

Journal: Plant Molecular Biology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891331/>

doi: 10.1007/S11103-012-9894-1 (<https://doi.org/10.1007/S11103-012-9894-1>)

wosuid: WOS:000303410400007 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000303410400007&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Venomous mammals: A review**

Publication date: 2012

Journal: Toxicon

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891315/>

doi: 10.1016/J.TOXICON.2012.02.012 (<https://doi.org/10.1016/J.TOXICON.2012.02.012>)

wosuid: WOS:000304073900003 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000304073900003&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Insecticidal effect of *Canavalia ensiformis* major urease on nymphs of the milkweed bug *Oncopeltus fasciatus* and characterization of digestive peptidases**

Publication date: 2011-06

Journal: Insect Biochemistry and Molecular Biology

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.ibmb.2011.02.008>

doi: 10.1016/j.ibmb.2011.02.008 (<https://doi.org/10.1016/j.ibmb.2011.02.008>)

Part of issn: 0965-1748 (<https://portal.issn.org/resource/ISSN/0965-1748>)
 - Distribution and characterization of Corazonin in the central nervous system of *Triatoma infestans* (Insecta: Hemiptera)**

Publication date: 2011-03

Journal: Peptides

Type: journal-article

URL: <http://dx.doi.org/10.1016/j.peptides.2010.10.020>

doi: 10.1016/j.peptides.2010.10.020 (<https://doi.org/10.1016/j.peptides.2010.10.020>)

Part of issn: 0196-9781 (<https://portal.issn.org/resource/ISSN/0196-9781>)
 - Biochemical changes in the transition from vitellogenesis to follicular atresia in the hematophagous *Dipetalogaster maxima* (Hemiptera: Reduviidae)**

Publication date: 2011

Journal: Insect Biochemistry and Molecular Biology

Type: journal-article

doi: 10.1016/j.ibmb.2011.06.005
 - Characterization of JBURE-IIb isoform of *Canavalia ensiformis* (L.) DC urease**

Publication date: 2011

Journal: Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891362/>

doi: 10.1016/J.BBAPAP.2011.07.022 (<https://doi.org/10.1016/J.BBAPAP.2011.07.022>)

wosuid: WOS:000298363200018 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000298363200018&DestLinkType=FullRecord&DestApp=WOS_CPL)

- **Global and targeted proteomics in developing jack bean (*Canavalia ensiformis*) seedlings: an investigation of urease isoforms mobilization in early stages of development**
 Publication date: 2011
 Journal: Plant Molecular Biology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891336/>
 doi: 10.1007/S11103-010-9707-3 (<https://doi.org/10.1007/S11103-010-9707-3>)
 wosuid: WOS:000285928100005 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000285928100005&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Proteome Databases and Other Online Resources for Chloroplast Research in Arabidopsis**
 Publication date: 2011
 Journal: Methods in Molecular Biology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/4720896/>
 doi: 10.1007/978-1-61779-237-3_6 (https://doi.org/10.1007/978-1-61779-237-3_6)
 wosuid: WOS:000300582600006 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000300582600006&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Vicilin-derived peptides are transferred from males to females as seminal nuptial gift in the seed-feeding beetle *Callosobruchus maculatus***
 Publication date: 2011
 Journal: Journal of Insect Physiology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891318/>
 doi: 10.1016/J.JINSPHYS.2011.03.010 (<https://doi.org/10.1016/J.JINSPHYS.2011.03.010>)
 wosuid: WOS:000292120800017 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000292120800017&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Virulence of the entomopathogenic fungus *Metarhizium anisopliae* using soybean oil formulation for control of the cotton stainer bug, *Dysdercus peruvianus***
 Publication date: 2011
 Journal: World Journal of Microbiology and Biotechnology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891342/>
 doi: 10.1007/S11274-011-0695-5 (<https://doi.org/10.1007/S11274-011-0695-5>)
 wosuid: WOS:000294966900008 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000294966900008&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Analysis of Cry8Ka5-binding proteins from *Anthonomus grandis* (Coleoptera: Curculionidae) midgut**
 Publication date: 2010
 Journal: Journal of Invertebrate Pathology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891368/>
 doi: 10.1016/J.JIP.2010.01.012 (<https://doi.org/10.1016/J.JIP.2010.01.012>)
 wosuid: WOS:000278930900011 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000278930900011&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Gm-TX, a new toxic protein from soybean (*Glycine max*) seeds with potential for controlling insect pests**
 Publication date: 2010
 Journal: Process Biochemistry
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891319/>
 doi: 10.1016/J.PROCBIO.2009.12.012 (<https://doi.org/10.1016/J.PROCBIO.2009.12.012>)
 wosuid: WOS:000277537000003 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000277537000003&DestLinkType=FullRecord&DestApp=WOS_CPL)
- ***Helicobacter pylori* urease activates blood platelets through a lipoxigenase-mediated pathway**
 Publication date: 2010
 Journal: Journal of Cellular and Molecular Medicine
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891373/>
 doi: 10.1111/J.1582-4934.2009.00901.X (<https://doi.org/10.1111/J.1582-4934.2009.00901.X>)
 wosuid: WOS:000281141900015 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000281141900015&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Jack bean urease alters serotonin-induced effects on *Rhodnius prolixus* anterior midgut**
 Publication date: 2010
 Journal: Journal of Insect Physiology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891321/>
 doi: 10.1016/J.JINSPHYS.2010.03.002 (<https://doi.org/10.1016/J.JINSPHYS.2010.03.002>)
 wosuid: WOS:000281087500009 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000281087500009&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Toxinology in Brazil: A big challenge for a rich biodiversity**
 Publication date: 2010
 Journal: Toxicon
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891371/>

- doi: 10.1016/J.TOXICON.2010.05.005 (<https://doi.org/10.1016/J.TOXICON.2010.05.005>)
 wosuid: WOS:000286550300002 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000286550300002&DestLinkType=FullRecord&DestApp=WOS_CPL)
- Type 1 ribosome-inactivating proteins—Entomotoxic, oxidative and genotoxic action on *Anticarsia gemmatalis* (Hübner) and *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae)**
 Publication date: 2009-01
 Journal: Journal of Insect Physiology
 Type: journal-article
 URL: <http://dx.doi.org/10.1016/j.jinsphys.2008.10.004>
 doi: 10.1016/j.jinsphys.2008.10.004 (<https://doi.org/10.1016/j.jinsphys.2008.10.004>)
 Part of issn: 0022-1910 (<https://portal.issn.org/resource/ISSN/0022-1910>)
 - In vitro effect of *Canavalia ensiformis* urease and the derived peptide Jaburetox-2Ec on *Rhodnius prolixus* Malpighian tubules**
 Publication date: 2009
 Journal: Journal of Insect Physiology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891320/>
 doi: 10.1016/J.JINSPHYS.2008.12.002 (<https://doi.org/10.1016/J.JINSPHYS.2008.12.002>)
 wosuid: WOS:000264391700010 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000264391700010&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Membrane-disruptive properties of the bioinsecticide Jaburetox-2Ec: Implications to the mechanism of the action of insecticidal peptides derived from ureases**
 Publication date: 2009
 Journal: Biochimica et Biophysica Acta (BBA) - Proteins and Proteomics
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891372/>
 doi: 10.1016/J.BBAPAP.2009.09.001 (<https://doi.org/10.1016/J.BBAPAP.2009.09.001>)
 wosuid: WOS:000271293700015 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000271293700015&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Microbiological and physicochemical characteristics and aminopeptidase activities during ripening of Serrano cheese**
 Publication date: 2008-02
 Journal: International Journal of Dairy Technology
 Type: journal-article
 URL: <http://dx.doi.org/10.1111/j.1471-0307.2008.00361.x>
 doi: 10.1111/j.1471-0307.2008.00361.x (<https://doi.org/10.1111/j.1471-0307.2008.00361.x>)
 Part of issn: 1364-727X (<https://portal.issn.org/resource/ISSN/1364-727X>)
 Part of issn: 1471-0307 (<https://portal.issn.org/resource/ISSN/1471-0307>)
 - Evaluation of *Metarhizium anisopliae* strains as potential biocontrol agents of the tick *Rhipicephalus (Boophilus) microplus* and the cotton stainer *Dysdercus peruvianus***
 Publication date: 2008
 Journal: Fungal Ecology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891374/>
 doi: 10.1016/J.FUNECO.2008.09.002 (<https://doi.org/10.1016/J.FUNECO.2008.09.002>)
 wosuid: WOS:000265946200003 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000265946200003&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - SBTX, a new toxic protein distinct from soyatoxin and other toxic soybean [*Glycine max*] proteins, and its inhibitory effect on *Cercospora sojina* growth**
 Publication date: 2008
 Journal: Toxicon
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891376/>
 doi: 10.1016/J.TOXICON.2007.10.005 (<https://doi.org/10.1016/J.TOXICON.2007.10.005>)
 wosuid: WOS:000256500300002 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000256500300002&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Stage-specific gut proteinases of the cotton stainer bug *Dysdercus peruvianus*: Role in the release of entomotoxic peptides from *Canavalia ensiformis* urease**
 Publication date: 2008
 Journal: Insect Biochemistry and Molecular Biology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891330/>
 doi: 10.1016/J.IBMB.2008.09.004 (<https://doi.org/10.1016/J.IBMB.2008.09.004>)
 wosuid: WOS:000261667700008 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000261667700008&DestLinkType=FullRecord&DestApp=WOS_CPL)
 - Toxic properties of urease**
 Publication date: 2008
 Journal: Crop Science
 Type: journal-article
 doi: 10.2135/cropsci.2007.10.0576
 - Urease from cotton (*Gossypium hirsutum*) seeds: Isolation, physicochemical characterization, and antifungal properties of the protein**
 Publication date: 2008
 Journal: Journal of Agricultural and Food Chemistry
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891332/>

doi: 10.1021/JF0735275 (<https://doi.org/10.1021/JF0735275>)
wosuid: WOS:000256893200018 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000256893200018&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Jaburetox-2Ec: An insecticidal peptide derived from an isoform of urease from the plant *Canavalia ensiformis***

Publication date: 2007-10
Journal: Peptides
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.peptides.2007.08.009>
doi: 10.1016/j.peptides.2007.08.009 (<https://doi.org/10.1016/j.peptides.2007.08.009>)
Part of issn: 0196-9781 (<https://portal.issn.org/resource/ISSN/0196-9781>)

• **Antifungal activity of plant and bacterial ureases**

Publication date: 2007
Journal: Toxicon
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891335/>
doi: 10.1016/J.TOXICON.2007.07.008 (<https://doi.org/10.1016/J.TOXICON.2007.07.008>)
wosuid: WOS:000251476400010 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000251476400010&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Effect of *Canavalia ensiformis* urease and the derived peptide Jaburetox 2Ec on *Rhodnius prolixus* Malpighian tubules**

Publication date: 2007
Journal: Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891381/>
doi: 10.1016/J.CBPA.2007.06.329 (<https://doi.org/10.1016/J.CBPA.2007.06.329>)
wosuid: WOS:000249425000319 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000249425000319&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Expression kinetics and plasmid stability of recombinant E-coli encoding urease-derived peptide with bioinsecticide activity**

Publication date: 2007
Journal: Enzyme and Microbial Technology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891334/>
doi: 10.1016/J.ENZMICTEC.2007.07.006 (<https://doi.org/10.1016/J.ENZMICTEC.2007.07.006>)
wosuid: WOS:000250042000023 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000250042000023&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Performance of distinct crop pests reared on diets enriched with latex proteins from *Calotropis procera*: Role of laticifer proteins in plant defense**

Publication date: 2007
Journal: Plant Science
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891333/>
doi: 10.1016/J.PLANTSCI.2007.06.008 (<https://doi.org/10.1016/J.PLANTSCI.2007.06.008>)
wosuid: WOS:000248874000008 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000248874000008&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **A comparative study of the expression of serine proteinases in quiescent seeds and in developing *Canavalia ensiformis* plants**

Publication date: 2006-12-06
Journal: Journal of Experimental Botany
Type: journal-article
URL: <http://dx.doi.org/10.1093/jxb/erl223>
doi: 10.1093/jxb/erl223 (<https://doi.org/10.1093/jxb/erl223>)
Part of issn: 0022-0957 (<https://portal.issn.org/resource/ISSN/0022-0957>)
Part of issn: 1460-2431 (<https://portal.issn.org/resource/ISSN/1460-2431>)

• ***Bacillus pasteurii* urease shares with plant ureases the ability to induce aggregation of blood platelets**

Publication date: 2006-08
Journal: Archives of Biochemistry and Biophysics
Type: journal-article
URL: <http://dx.doi.org/10.1016/j.abb.2006.06.001>
doi: 10.1016/j.abb.2006.06.001 (<https://doi.org/10.1016/j.abb.2006.06.001>)
Part of issn: 0003-9861 (<https://portal.issn.org/resource/ISSN/0003-9861>)

• **Ureases display biological effects independent of enzymatic activity. Is there a connection to diseases caused by urease-producing bacteria?**

Publication date: 2006
Journal: Brazilian Journal of Medical and Biological Research
Type: journal-article
URL: <http://www.scopus.com/inward/record.uri?eid=2-s2.0-33746345017&partnerID=MN8TOARS>
doi: 10.1590/S0100-879X2006000700002
eid: 2-s2.0-33746345017

• **Effect of chemical modification of histidines on the copper-induced oligomerization of jack bean urease (EC 3.5.1.5)**

Publication date: 2005
Journal: Archives of Biochemistry and Biophysics
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891384/>
doi: 10.1016/J.ABB.2004.12.001 (<https://doi.org/10.1016/J.ABB.2004.12.001>)

wosuid: WOS:000226782400002 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000226782400002&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Insecticidal effects of canatoxin on the cotton stainer bug *Dysdercus peruvianus* (Hemiptera : Pyrrhocoridae)**

Publication date: 2005

Journal: Toxicon

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891348/>

doi: 10.1016/J.TOXICON.2005.01.014 (<https://doi.org/10.1016/J.TOXICON.2005.01.014>)

wosuid: WOS:000228686500008 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000228686500008&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Antinutritional and/or toxic factors in soybean (*Glycine max* (L) Merrill) seeds: comparison of different cultivars adapted to the southern region of Brazil**

Publication date: 2004

Journal: Journal of the Science of Food and Agriculture

Type: journal-article

doi: 10.1002/jsfa.1628

• **Jack bean urease (EC 3.5.1.5) aggregation monitored by dynamic and static light scattering**

Publication date: 2004

Journal: Biophysical Chemistry

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891393/>

doi: 10.1016/J.BPC.2004.03.009 (<https://doi.org/10.1016/J.BPC.2004.03.009>)

wosuid: WOS:000223947900010 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000223947900010&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Jackbean, soybean and *Bacillus pasteurii* ureases - Biological effects unrelated to ureolytic activity**

Publication date: 2004

Journal: European Journal of Biochemistry

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891353/>

doi: 10.1111/J.1432-1033.2004.04046.X (<https://doi.org/10.1111/J.1432-1033.2004.04046.X>)

wosuid: WOS:000220355100014 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000220355100014&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Most cited papers in Toxicon**

Publication date: 2004

Journal: Toxicon

Type: journal-article

doi: 10.1016/j.toxicon.2004.05.002

• **Separation of jack bean (*Canavalia ensiformis*) urease isoforms by immobilized metal affinity chromatography and characterization of insecticidal properties unrelated to ureolytic activity**

Publication date: 2004

Journal: Plant Science

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891351/>

doi: 10.1016/J.PLANTSCI.2004.03.019 (<https://doi.org/10.1016/J.PLANTSCI.2004.03.019>)

wosuid: WOS:000222280600006 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000222280600006&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Characterization and expression of a novel member (JBURE-II) of the urease gene family from jackbean [*Canavalia ensiformis* (L.) DC]**

Publication date: 2003

Journal: Plant and Cell Physiology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891397/>

doi: 10.1093/PCP/PCG018 (<https://doi.org/10.1093/PCP/PCG018>)

wosuid: WOS:000181079400005 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000181079400005&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **PIXE analysis of urease isoenzymes isolated from *Canavalia ensiformis* (jack bean) seeds**

Publication date: 2002

Journal: Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891355/>

doi: 10.1016/S0168-583X(01)01128-4 ([https://doi.org/10.1016/S0168-583X\(01\)01128-4](https://doi.org/10.1016/S0168-583X(01)01128-4))

wosuid: WOS:000175595500085 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000175595500085&DestLinkType=FullRecord&DestApp=WOS_CPL)

• **Plant toxic proteins with insecticidal properties. A review on their potentialities as bioinsecticides**

Publication date: 2002

Journal: Toxicon

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891396/>

doi: 10.1016/S0041-0101(02)00240-4 ([https://doi.org/10.1016/S0041-0101\(02\)00240-4](https://doi.org/10.1016/S0041-0101(02)00240-4))

wosuid: WOS:000179430200001 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000179430200001&DestLinkType=FullRecord&DestApp=WOS_CPL)

- **Canatoxin, a toxic protein from jack beans (*Canavalia ensiformis*), is a variant form of urease (EC 3.5.1.5): biological effects of urease independent of its ureolytic activity**
 Publication date: 2001
 Journal: Biochemical Journal
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891349/>
 doi: 10.1042/0264-6021:3600217 (<https://doi.org/10.1042/0264-6021:3600217>)
 wosuid: WOS:000172466900025 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000172466900025&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Nutritional study of two Brazilian soybean (<i>Glycine max</i>) cultivars differing in the contents of antinutritional and toxic proteins**
 Publication date: 2001
 Journal: The Journal of Nutritional Biochemistry
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891391/>
 doi: 10.1016/S0955-2863(00)00148-0 ([https://doi.org/10.1016/S0955-2863\(00\)00148-0](https://doi.org/10.1016/S0955-2863(00)00148-0))
 wosuid: WOS:000167003000008 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000167003000008&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Intraspecific variation in the venoms of the South American rattlesnake (*Crotalus durissus terrificus*)**
 Publication date: 2000
 Journal: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891350/>
 doi: 10.1016/S0742-8413(00)00129-8 ([https://doi.org/10.1016/S0742-8413\(00\)00129-8](https://doi.org/10.1016/S0742-8413(00)00129-8))
 wosuid: WOS:000166773100003 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000166773100003&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Proteolytic activation of canatoxin, a plant toxic protein, by insect Cathepsin-like enzymes**
 Publication date: 2000
 Journal: Archives of Insect Biochemistry and Physiology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891352/>
 doi: 10.1002/1520-6327(200008)44:4<162::AID-ARCH3>3.0.CO;2- ([https://doi.org/10.1002/1520-6327\(200008\)44:4%3C162::AID-ARCH3%3E3.0.CO;2-](https://doi.org/10.1002/1520-6327(200008)44:4%3C162::AID-ARCH3%3E3.0.CO;2-))
 wosuid: WOS:000088521600003 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000088521600003&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **cAMP Does Not Inhibit Convulxin-Induced Tyrosyl-Phosphorylation of Human Platelet Proteins, Including PLC γ 2, But Completely Blocks the Integrin α IIb β 3-Dependent Dephosphorylation Step: Comparisons with RGDS Peptide, Cytochalasin D, and Phenylarsine Oxide**
 Publication date: 1998-06
 Journal: Archives of Biochemistry and Biophysics
 Type: journal-article
 URL: <http://dx.doi.org/10.1006/abbi.1998.0637>
 doi: 10.1006/abbi.1998.0637 (<https://doi.org/10.1006/abbi.1998.0637>)
 Part of issn: 0003-9861 (<https://portal.issn.org/resource/ISSN/0003-9861>)
- **Convulxin Induces Platelet Activation by a Tyrosine-Kinase-Dependent Pathway and Stimulates Tyrosine Phosphorylation of Platelet Proteins, Including PLC γ 2, Independently of Integrin α IIb β 3**
 Publication date: 1998-05
 Journal: Archives of Biochemistry and Biophysics
 Type: journal-article
 URL: <http://dx.doi.org/10.1006/abbi.1998.0598>
 doi: 10.1006/abbi.1998.0598 (<https://doi.org/10.1006/abbi.1998.0598>)
 Part of issn: 0003-9861 (<https://portal.issn.org/resource/ISSN/0003-9861>)
- **Variability of bothrojaracin isoforms and other venom principles in individual jararaca (*Bothrops jararaca*) snakes maintained under seasonally invariant conditions**
 Publication date: 1998-01
 Journal: Toxicon
 Type: journal-article
 URL: [http://dx.doi.org/10.1016/s0041-0101\(97\)00061-5](http://dx.doi.org/10.1016/s0041-0101(97)00061-5)
 doi: 10.1016/s0041-0101(97)00061-5 ([https://doi.org/10.1016/s0041-0101\(97\)00061-5](https://doi.org/10.1016/s0041-0101(97)00061-5))
 Part of issn: 0041-0101 (<https://portal.issn.org/resource/ISSN/0041-0101>)
- **Bothrops jararaca snakes produce several bothrojaracin isoforms following an individual pattern**
 Publication date: 1998
 Journal: Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology
 Type: journal-article
 URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-0032428239&partnerID=MN8TOARS>
 doi: 10.1016/S0305-0491(98)10070-6
 eid: 2-s2.0-0032428239
- **Bothrops sp. snake venoms: Comparison of some biochemical and physicochemical properties and interference in platelet functions**
 Publication date: 1998
 Journal: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology
 Type: journal-article
 URL: <https://publons.com/wos-op/publon/2891363/>
 doi: 10.1016/S0742-8413(97)00163-1 ([https://doi.org/10.1016/S0742-8413\(97\)00163-1](https://doi.org/10.1016/S0742-8413(97)00163-1))

wosuid: WOS:000072452100004 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000072452100004&DestLinkType=FullRecord&DestApp=WOS_CPL)

- **Brazilian *Mucuna pruriens* Seeds (Velvet Bean) Lack Hemagglutinating Activity**
Publication date: 1998
Journal: Journal of Agricultural and Food Chemistry
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-0000766572&partnerID=MN8TOARS>
eid: 2-s2.0-0000766572
- **Crack and cook: A simple and quick process for elimination of concanavalin A (Con A) from Canavalia seeds**
Publication date: 1998
Journal: Animal Feed Science and Technology
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-0346940034&partnerID=MN8TOARS>
eid: 2-s2.0-0346940034
- **Human platelets activation by convulxin is accompanied by tyrosyl-phosphorylation of PLC gamma 2 and occurs independently of integrin alpha(IIb)beta(3)**
Publication date: 1998
Journal: Platelets
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891386/>
doi: 10.1080/09537109876663 (<https://doi.org/10.1080/09537109876663>)
wosuid: WOS:000074619000007 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:000074619000007&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Questions and answers to edibility problem of the *Canavalia ensiformis* seeds - A review**
Publication date: 1998
Journal: Animal Feed Science and Technology
Type: journal-article
URL: <http://www.scopus.com/inward/record.url?eid=2-s2.0-0011202281&partnerID=MN8TOARS>
eid: 2-s2.0-0011202281
- **Mechanism of inhibitory action on platelet activation of a phospholipase A2 isolated from *Lachesis muta* (Bushmaster) snake venom.**
Publication date: 1997-11-01
Journal: Thrombosis and haemostasis
Type: journal-article
pmid: 9408022 (<https://pubmed.ncbi.nlm.nih.gov/9408022/>)
- **Convulxin, a potent platelet-aggregating protein from *Crotalus durissus terrificus* venom, specifically binds to platelets**
Publication date: 1997-08
Journal: Toxicon
Type: journal-article
URL: [http://dx.doi.org/10.1016/s0041-0101\(97\)00021-4](http://dx.doi.org/10.1016/s0041-0101(97)00021-4)
doi: 10.1016/s0041-0101(97)00021-4 ([https://doi.org/10.1016/s0041-0101\(97\)00021-4](https://doi.org/10.1016/s0041-0101(97)00021-4))
Part of issn: 0041-0101 (<https://portal.issn.org/resource/ISSN/0041-0101>)
- **Biological effects of canatoxin in different insect models: Evidence for a proteolytic activation of the toxin by insect cathepsinlike enzymes**
Publication date: 1997
Journal: Journal of Economic Entomology
Type: journal-article
URL: <https://publons.com/wos-op/publon/2891377/>
doi: 10.1093/JEE/90.2.340 (<https://doi.org/10.1093/JEE/90.2.340>)
wosuid: WOS:A1997WZ03600017 (https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1997WZ03600017&DestLinkType=FullRecord&DestApp=WOS_CPL)
- **Comparative effects of processing methods on hemagglutinating and antitryptic activities of *Canavalia ensiformis* and *Canavalia braziliensis* seeds**
Publication date: 1997
Journal: Journal of Agricultural and Food Chemistry
Type: journal-article
doi: 10.1021/jf970466+
- **Distinct bothrojaracin isoforms produced by individual jararaca (*Bothrops jararaca*) snakes**
Publication date: 1997
Journal: Toxicon
Type: journal-article
doi: 10.1016/S0041-0101(96)00176-6
- **Stimulation of calcium influx and platelet activation by canatoxin: Methoxyverapamil inhibition and downregulation by cGMP**
Publication date: 1997
Journal: Archives of Biochemistry and Biophysics
Type: journal-article
doi: 10.1006/abbi.1997.9898
- **Purification and Physicochemical Characterization of Soyatoxin, a Novel Toxic Protein Isolated from Soybeans (*Glycine max*)**
Publication date: 1994-08
Journal: Archives of Biochemistry and Biophysics
Type: journal-article
URL: <http://dx.doi.org/10.1006/abbi.1994.1320>
doi: 10.1006/abbi.1994.1320 (<https://doi.org/10.1006/abbi.1994.1320>)

Part of issn: 0003-9861 (<https://portal.issn.org/resource/ISSN/0003-9861>)

• **Purification, physicochemical characterization and N-terminal-amino acid sequence of a phospholipase A2 from Bothrops jararaca venom.**

Publication date: 1993-02-01

Journal: Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas

Type: journal-article

pmid: 8257916 (<https://pubmed.ncbi.nlm.nih.gov/8257916/>)

• **CANATOXIN-CROSS-REACTIVE, CONCAVALIN-A-CROSS-REACTIVE AND CANAVALIN-CROSS-REACTIVE MATERIALS DURING MATURATION OF CANAVALIA-BRASILIENSIS (MART) SEEDS**

Publication date: 1993

Journal: Planta

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891402/>

doi: 10.1007/BF00194437 (<https://doi.org/10.1007/BF00194437>)

wosuid: WOS:A1993KP26100013 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1993KP26100013&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1993KP26100013&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1993KP26100013&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **PARTIAL-PURIFICATION AND SOME PHYSICOCHEMICAL PROPERTIES OF PHOSPHOLIPASES-A(2) FROM THE VENOM OF THE BUSHMASTER SNAKE (LACHESIS-MUTA)**

Publication date: 1993

Journal: Brazilian Journal of Medical and Biological Research

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891421/>

wosuid: WOS:A1993LC79000002 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1993LC79000002&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1993LC79000002&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1993LC79000002&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **The presence of concanavalin A and canatoxin in Canavalia ensiformis DC tissue culture**

Publication date: 1993

Journal: Plant Cell Reports

Type: journal-article

URL: <http://www.scopus.com/inward/record.uri?eid=2-s2.0-33748077192&partnerID=MN8TOARS>

doi: 10.1007/BF00237061

eid: 2-s2.0-33748077192

• **Pharmacological characterization of rat paw edema induced by canatoxin, the toxic protein from Canavalia ensiformis (jack bean) seeds**

Publication date: 1992-08

Journal: Toxicon

Type: journal-article

URL: [http://dx.doi.org/10.1016/0041-0101\(92\)90386-j](http://dx.doi.org/10.1016/0041-0101(92)90386-j)

doi: 10.1016/0041-0101(92)90386-j ([https://doi.org/10.1016/0041-0101\(92\)90386-j](https://doi.org/10.1016/0041-0101(92)90386-j))

Part of issn: 0041-0101 (<https://portal.issn.org/resource/ISSN/0041-0101>)

• **CANATOXIN INDUCES ACTIVATION ON MICE PERITONEAL-MACROPHAGES**

Publication date: 1992

Journal: Brazilian Journal of Medical and Biological Research

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891409/>

wosuid: WOS:A1992JX83100011 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992JX83100011&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992JX83100011&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992JX83100011&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **EFFECTS OF CANATOXIN ON THE CA-2+-ATPASE OF SARCOPLASMIC-RETICULUM MEMBRANES**

Publication date: 1992

Journal: Toxicon

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891407/>

doi: 10.1016/0041-0101(92)90516-8 ([https://doi.org/10.1016/0041-0101\(92\)90516-8](https://doi.org/10.1016/0041-0101(92)90516-8))

wosuid: WOS:A1992JY66900008 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992JY66900008&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992JY66900008&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992JY66900008&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **ROLE OF RESIDENT MACROPHAGES IN CANATOXIN-INDUCED INVIVO NEUTROPHIL MIGRATION**

Publication date: 1992

Journal: Inflammation

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891414/>

doi: 10.1007/BF00917510 (<https://doi.org/10.1007/BF00917510>)

wosuid: WOS:A1992GY32500001 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992GY32500001&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992GY32500001&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1992GY32500001&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **CANATOXIN, A PLANT PROTEIN, INDUCES INSULIN RELEASE FROM ISOLATED PANCREATIC-ISLETS**

Publication date: 1991

Journal: Endocrinology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891419/>

doi: 10.1210/ENDO-128-2-675 (<https://doi.org/10.1210/ENDO-128-2-675>)

wosuid: WOS:A1991EV50300006 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1991EV50300006&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1991EV50300006&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1991EV50300006&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **EFFECT OF CANATOXIN ON CELL-CULTURES**

Publication date: 1991

• **LIPOXYGENASE-MEDIATED SECRETORY EFFECT OF CANATOXIN, THE TOXIC PROTEIN FROM CANAVALLIA-ENSIFORMIS SEEDS**

Publication date: 1991

Journal: Toxicon

Type: journal-article

doi: 10.1016/0041-0101(91)90019-N

• **PLANT AND MICROBIAL TOXIC PROTEINS AS HEMILECTINS - EMPHASIS ON CANATOXIN**

Publication date: 1991

Journal: Toxicon

Type: journal-article

doi: 10.1016/0041-0101(91)90216-E

• **BOTHROPS-JARARACA SNAKE-VENOM - EFFECTS ON PLATELET-AGGREGATION**

Publication date: 1990

Journal: Thrombosis Research

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891408/>

doi: 10.1016/0049-3848(90)90100-Q ([https://doi.org/10.1016/0049-3848\(90\)90100-Q](https://doi.org/10.1016/0049-3848(90)90100-Q))

wosuid: WOS:A1990DC49500011 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1990DC49500011&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1990DC49500011&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1990DC49500011&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **Convulsions induced by canatoxin in rats are probably a consequence of hypoxia.**

Publication date: 1989-01-01

Journal: Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas

Type: journal-article

pmid: 2517041 (<https://pubmed.ncbi.nlm.nih.gov/2517041/>)

• **Effect of canatoxin on the circulating levels of gonadotropins and prolactin in rats.**

Publication date: 1989-01-01

Journal: Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas

Type: journal-article

pmid: 2508979 (<https://pubmed.ncbi.nlm.nih.gov/2508979/>)

• **ALTERATIONS IN RAT CARBOHYDRATE-METABOLISM INDUCED BY CANATOXIN AS A PROBABLE CONSEQUENCE OF PRIMARY HYPOXIA**

Publication date: 1989

Journal: Brazilian Journal of Medical and Biological Research

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891427/>

wosuid: WOS:A1989CB84000014 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1989CB84000014&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1989CB84000014&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1989CB84000014&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **BIOCHEMICAL AND PHARMACOLOGICAL SCREENING OF SNAKE (BOTHROPS) VENOMS - CHARACTERIZATION OF COMPONENTS ACTING ON BLOOD-COAGULATION AND PLATELET-AGGREGATION**

Publication date: 1988

Journal: Brazilian Journal of Medical and Biological Research

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891435/>

wosuid: WOS:A1988P750700005 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988P750700005&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988P750700005&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988P750700005&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **IMMUNOREACTIVITY FOR CANATOXIN AND CONCAVALIN-A AMONG PROTEINS OF LEGUMINOUS SEEDS**

Publication date: 1988

Journal: Phytochemistry

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891422/>

doi: 10.1016/0031-9422(88)80587-9 ([https://doi.org/10.1016/0031-9422\(88\)80587-9](https://doi.org/10.1016/0031-9422(88)80587-9))

wosuid: WOS:A1988L490700006 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988L490700006&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988L490700006&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988L490700006&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **THE SECRETORY EFFECT OF CANATOXIN ON RAT-BRAIN SYNAPTOSOMES INVOLVES A LIPOXYGENASE-MEDIATED PATHWAY**

Publication date: 1988

Journal: Brazilian Journal of Medical and Biological Research

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891439/>

wosuid: WOS:A1988N918000027 ([https://www.webofscience.com/api/gateway?](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988N918000027&DestLinkType=FullRecord&DestApp=WOS_CPL)

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988N918000027&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1988N918000027&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **BLOOD-GLUCOSE ALTERATIONS INDUCED IN RATS BY CANATOXIN, A PROTEIN ISOLATED FROM JACK BEAN (CANAVALLIA-ENSIFORMIS) SEEDS**

Publication date: 1986

Journal: Toxicon

Type: journal-article

doi: 10.1016/0041-0101(86)90102-9

• **PLATELET-RELEASE REACTION AND AGGREGATION INDUCED BY CANATOXIN, A CONVULSANT PROTEIN - EVIDENCE FOR THE INVOLVEMENT OF THE PLATELET LIPOXYGENASE PATHWAY**

Publication date: 1985

Journal: British Journal of Pharmacology

Type: journal-article

URL: <https://publons.com/wos-op/publon/2891437/>

doi: 10.1111/J.1476-5381.1985.TB12940.X (<https://doi.org/10.1111/J.1476-5381.1985.TB12940.X>)

wosuid: WOS:A1985ABP8200029 (<https://www.webofscience.com/api/gateway?>

[GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1985ABP8200029&DestLinkType=FullRecord&DestApp=WOS_CPL](https://www.webofscience.com/api/gateway?GWVersion=2&SrcApp=Publons&SrcAuth=Publons_CEL&KeyUT=WOS:A1985ABP8200029&DestLinkType=FullRecord&DestApp=WOS_CPL))

• **Central Nervous Effects of the Convulsant Protein Canatoxin**

Publication date: 1984

Journal: Acta Pharmacologica et Toxicologica

Type: journal-article

URL: <http://www.scopus.com/inward/record.uri?eid=2-s2.0-0021357819&partnerID=MN8TOARS>

doi: 10.1111/j.1600-0773.1984.tb01912.x

eid: 2-s2.0-0021357819

• **ISOLATION AND CHARACTERIZATION OF A TOXIC PROTEIN FROM CANAVALIA-ENSIFORMIS (JACK BEAN) SEEDS, DISTINCT FROM CONCAVALIN-A**

Publication date: 1981

Journal: Toxicon

Type: journal-article

doi: 10.1016/0041-0101(81)90104-5

Peer review (46 reviews for 26 publications/grants)

- **Amino acids.** (1)
- **Applied microbiology and biotechnology.** (2)
- **BMC complementary medicine and therapies.** (1)
- **Biocatalysis and biotransformation.** (1)
- **Biochemical journal.** (1)
- **Cells.** (1)
- **Cellular and molecular life sciences** (2)
- **Computational biology and chemistry** (1)
- **Diseases** (1)
- **Entomologia experimentalis et applicata.** (1)
- **FEMS yeast research.** (1)
- **Folia microbiologica** (4)
- **Journal of applied microbiology** (1)
- **Journal of food biochemistry.** (1)
- **Journal of insect physiology.** (1)
- **Journal of neuroscience research.** (2)
- **Langmuir :** (2)
- **MicrobiologyOpen.** (2)
- **Molecular biotechnology.** (4)
- **Molecules.** (6)
- **Nature communications** (1)
- **Neotropical Entomology.** (1)
- **Pharmaceuticals.** (1)
- **Pharmaceutics.** (3)
- **SAR and QSAR in environmental research.** (1)
- **Toxicon.** (3)