

Dr. Juan José Cazzulo

Argentino, 81 años.

Dirección laboral: Instituto de Investigaciones Biotecnológicas (IIBIO, UNSAM-CONICET). Campus Miguelete de la UNSAM, Av. 25 de Mayo y Francia, 1650 San Martín, Provincia de Buenos Aires, Argentina. Tel. (54 11) 4006-1500, Int. 2123.

Bioquímico, Universidad Nacional de Córdoba, Argentina, 1963.

Doctor en Bioquímica, Universidad Nacional de Córdoba, Argentina, 1966.

Entrenamiento Post-Doctoral en el Department of Biochemistry, University of Leicester, UK, 1968-1970.

Doctor Honoris Causa en Medicina, University of Uppsala, Suecia, 2002.

Premios y distinciones obtenidos

- 1) Medalla de Oro al alumno de más alto promedio general, del Colegio Nacional "Dalmacio Vélez Sarsfield", de Las Varillas, Provincia de Córdoba. Año 1957.
- 2) Abanderado de la Insignia Nacional de la Universidad Nacional de Córdoba (cargo correspondiente al alumno de más alto promedio de la Universidad). Córdoba, 1962.
- 3) Premio Universidad, consistente en Medalla de Oro y Diploma de Honor, correspondiente a Farmacia y Bioquímica, Curso 1962. Instituto (hoy Facultad) de Ciencias Químicas, Universidad Nacional de Córdoba. Recibido de manos del Presidente Dr. Arturo Illia, el 23 de Diciembre de 1963, en el Acto Académico por el 350 Aniversario de la Universidad Nacional de Córdoba.
- 4) Premio Enrique Herrero Ducloux, correspondiente al bienio 1965 - 1967, consistente en Medalla de Oro y Diploma de Honor, otorgado por la Asociación Química Argentina por el trabajo de Tesis Doctoral "Carboxilasa pirúvica de levadura de panadería (*Saccharomyces cerevisiae*). Purificación y propiedades". (Tesis dirigida por el Profesor Dr. Andrés O.M. Stoppani).
- 5) Elegido Miembro Titular (Plenario) de la Academia de Ciencias de América Latina (20 de Febrero de 1987).
- 6) Premio "Bernardo A. Houssay" (Categoría 35 - 45 años), otorgado por el CONICET. Diciembre de 1987.
- 7) Fellow de la Third World Academy of Sciences (TWAS) desde 2000.
- 8) Medalla del Rector de la Universidad de Chile, Santiago, 2000.
- 9) PABMB Lecture Award, Sociedad de Bioquímica y Biología Molecular de Chile, Termas de Chillán, Chile, 25 de setiembre de 2001.
- 10) Premio Academia Nacional de Ciencias Exactas, Físicas y Naturales "Dr. Andrés Stoppani" en Bioquímica de Parásitos. Buenos Aires, 2004.
- 11) Premio Bernardo Houssay de la SECYT a la Investigación Científica y Tecnológica, Categoría Trayectoria, Secretaría de Ciencia, Tecnología e Innovación Productiva, Buenos Aires, 2005.
- 12) Conferencia Plenaria "Luis F. Leloir". XXX Reunión de la Sociedad Española de Bioquímica y Biología Molecular (SEBBM), Málaga, 2007.
- 13) Designado Académico de la Academia Nacional de Ciencias, fundada en Córdoba por el Presidente Sarmiento en 1869, con fecha 25 de Octubre de 2017.
- 14) Designado Investigador Superior Emérito del CONICET, distinción que involucra Medalla de Oro y Diploma, recibidos en Noviembre de 2019.

Cargos actuales:

1) Investigación:

Investigador Superior del CONICET, desde Setiembre de 1999. Jubilado y contratado, hasta 2018. Jefe del Laboratorio de Bioquímica de Parásitos en el Instituto de Investigaciones Biotecnológicas, Universidad Nacional de General San Martín (IIB/UNSAM), hasta Enero de 2022.

2) Docencia:

Profesor Titular Ordinario, dedicación exclusiva, Instituto de Investigaciones Biotecnológicas, Universidad Nacional de General San Martín, desde 1997. Jubilado y contratado desde Enero de 2011.

Secretario de Investigación y Transferencia del IIB/UNSAM (hasta Abril de 2018). Director de la Carrera de Postgrado Doctorado en Biología Molecular y Biotecnología, desde 1998 hasta el 31/12/2022.

Cargos anteriores:

Ex-Jefe del Laboratorio de Bioquímica de Parásitos, Instituto de Investigaciones Bioquímicas "Luis F. Leloir", Fundación Campomar (actualmente Fundación Instituto Leloir) (1986 – 1997).

Ex-Profesor Asociado, dedicación parcial, area Química Biológica, Instituto de Investigaciones Bioquímicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires (1994 – 1999).

Ex-Profesor Titular (Genética Molecular), Departamento de Ciencias Biológicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires (1995 – 1996).

Ex Jefe del Departamento de Investigación del Instituto Nacional de Diagnóstico e Investigación de la Enfermedad de Chagas "Dr. Mario Fatala Chabén", Ministerio de Salud y Acción Social (1980 – 1986). Actualmente Instituto Nacional de Parasitología.

Ex Profesor Asociado (1969 – 1977) y Titular (1977 – 1980) de Química Biológica, Facultad de Ciencias Bioquímicas y Farmacéuticas, Universidad Nacional de Rosario .

Ex-Coordinador Regional de la Red para Investigaciones y Entrenamiento en Enfermedades Parasitarias del Cono Sur (Argentina, Chile, Uruguay, Bolivia, Paraguay, Perú y el Estado Brasileño de Rio Grande do Sul, en relación con Sida/SAREC), desde Julio de 1995 hasta Diciembre de 2001.

Past-Chairman de la Pan American Association for Biochemistry and Molecular Biology (PABMB, miembro de la IUBMB) de 2006 a 2008; antes Chairman (2003 - 2005), Vice-Chairman (2000 – 2002) y Secretary-General (1997 – 1999).

Ex-Presidente (1989 - 1991) de la Sociedad Argentina de Investigación Bioquímica y Biología Molecular (SAIB).

Fundador y ex Presidente (1984 - 1986) de la Sociedad Argentina de Protozoología y Enfermedades Parasitarias (SAP).

Miembro del Comité Coordinador del Foro de Sociedades Científicas Argentinas, como representante de la SAIB, desde 1989 hasta 1993.

Miembro del Colegiado Directivo de la Asociación Argentina para el Progreso de las Ciencias, desde 1991 hasta 1996.

Miembro de la Biochemical Society (Reino Unido de Gran Bretaña), de la American Society for Microbiology (Estados Unidos) y de la Society of Protozoologists.

Miembro del Comité Editorial de Molecular and Biochemical Parasitology (Elsevier, Amsterdam) 1985 - 2021.

Ex-Coordinador de la Comisión Asesora de Ciencias Médicas del CONICET (1987 – 1989).

Director o Co-Director de 29 Tesis Doctorales aprobadas entre 1977 y 2017.

Autor de mas de 240 publicaciones de investigación referentes en su mayoría al *Trypanosoma cruzi* y la Enfermedad de Chagas.

Trabajos originales.

1. J.J.Cazzulo and A.O.M.Stoppani: Enzyme reactions for carbon dioxide fixation in baker's yeast. **Biochim.Biophys. Acta**, **100** (1965) 276 - 280. ISSN 0006-3002
2. J.J.Cazzulo and A.O.M.Stoppani: Purification and properties of pyruvate carboxylase from baker's yeast. **Arch.Biochem.Biophys.**, **121** (1967) 596 - 608. ISSN 0003-9861
3. J.J.Cazzulo and A.O.M.Stoppani: Algunas propiedades de la carboxilasa pirúvica de levadura de panadería (*Saccharomyces cerevisiae*). **Anales Asoc. Quím. Argentina**, **55** (1967) 103 - 120.
4. L.M.Claisse, J.J.Cazzulo and A.O.M.Stoppani: Niveles de enzimas carboxilantes durante el desarrollo de la levadura *Saccharomyces cerevisiae* **Anales Asoc. Quím. Argentina**, **55** (1967) 299 - 308.
5. J.J.Cazzulo, L.M.Claisse and A.O.M.Stoppani: Carboxylase levels and carbon dioxide fixation in baker's yeast. **J.Bacteriol.**, **96** (1968) 623 - 628. ISSN 0021-9193
6. J.J.Cazzulo and A.O.M.Stoppani: The regulation of yeast pyruvate carboxylase by acetyl-coenzyme A and L-aspartate. **Arch. Biochem. Biophys.**, **127** (1968) 563 - 567. ISSN 0003-9861
7. J.J.Cazzulo and A.O.M.Stoppani: Effects of magnesium, manganese and adenosine triphosphate ions on pyruvate carboxylase from baker's yeast. **Biochem.J.** **112** (1969) 747 - 754. ISSN 0264-6021
8. J.J.Cazzulo and A.O.M.Stoppani: Effects of adenosine phosphates and nicotinamide nucleotides on pyruvate carboxylase from baker's yeast. **Biochem.J.** **112** (1969) 755 - 762. ISSN 0264-6021
9. J.J.Cazzulo, T.K.Sundaram and H.L.Kornberg: Regulation of pyruvate carboxylase formation from the apo-enzyme and biotin in a thermophilic Bacillus. **Nature (London)** **223** (1969) 1137 - 1138. ISSN 0028-0836
10. T.K.Sundaram, J.J.Cazzulo and H.L.Kornberg: Anaplerotic CO₂ fixation in mesophilic and thermophilic bacteria. **Biochim. Biophys. Acta**, **192** (1969) 355 - 357. ISSN 0006-3002
11. J.J.Cazzulo, T.K.Sundaram and H.L.Kornberg: Mechanism of pyruvate carboxylase formation from the apo-enzyme and biotin in a thermophilic Bacillus. **Nature (London)** **227** (1970) 1103 - 1105. ISSN 0028-0836
12. J.J.Cazzulo, T.K.Sundaram and H.L.Kornberg: Properties and regulation of pyruvate carboxylase from *Bacillus stearothermophilus*. **Proc. Roy. Soc. London B**, **176** (1970) 1 - 19. ISSN 0962-8452
13. T.K.Sundaram, J.J.Cazzulo and H.L.Kornberg: Pyruvate holocarboxylase formation from the apoenzyme and D-biotin in *Saccharomyces cerevisiae*. **Arch.Biochem.Biophys.** **143** (1971) 609 - 616. ISSN 0003-9861
14. J.J.Cazzulo, T.K.Sundaram, S.N.Dilks and H.L.Kornberg: Synthesis of pyruvate carboxylase from its apoenzyme and (+)-biotin in *Bacillus stearothermophilus*. Purification and properties of the apoenzyme and the holoenzyme synthetase. **Biochem.J.** **122** (1971) 653 - 661. ISSN 0264-6021

15. T.K.Sundaram, J.J.Cazzulo and H.L.Kornberg: Synthesis of pyruvate carboxylase from its apoenzyme and (+)-biotin in *Bacillus stearothermophilus*. Mechanism and control of the reaction. **Biochem.J.** **122** (1971) 663 - 669. ISSN 0264-6021
16. J.J.Cazzulo and M.C.Vidal: Effect of monovalent cations on the malic enzyme of the extreme halophile, *Halobacterium cutirubrum*. **J.Bacteriol.** **109** (1972) 437 - 439. ISSN 0021-9193
17. J.J.Cazzulo and E. Massarini: Inhibition of NADP-linked malic enzyme by glyoxylate. **FEBS Lett.** **22** (1972) 76 - 79. ISSN 0014-5793
18. M.C.Vidal and J.J.Cazzulo: CO₂-fixing enzymes in a marine psychrophile. **J.Bacteriol.** **112** (1972) 427 - 433. ISSN 0021-9193
19. M.C.Vidal and J.J.Cazzulo: Allosteric inhibition of NADP-linked malic enzyme from an extreme halophile by acetyl-CoA. **FEBS Lett.** **26** (1972) 257 - 260. ISSN 0014-5793
20. J.J.Cazzulo: On the regulatory properties of a halophilic citrate synthase. **FEBS Lett.** **30** (1973) 339 - 342. ISSN 0014-5793
21. E.Massarini y J.J.Cazzulo: Algunas propiedades de las enzimas málicas NADP dependientes aisladas de una *Pseudomonas* marina y de *Enterobacter cloacae*. **Anales Asoc. Quím.Argentina**, **61** (1973) 67 - 78.
22. A.I.Higa and J.J.Cazzulo: On the fractionation of halophilic enzymes with ammonium sulphate. **Experientia (Basel)** **29** (1973) 1081 - 1083. ISSN 0014-4754
23. A.I.Higa, M.C.Vidal y J.J.Cazzulo: Estudio comparativo de los efectos de sales sobre cuatro enzimas de la bacteria halófila extrema *Halobacterium cutirubrum*. **Anales Asoc. Quím. Argentina**, **61** (1973) 291 - 300.
24. E.Massarini and J.J.Cazzulo: Activation of citrate synthase from a marine Pseudomonad by adenosine monophosphate and potassium chloride. **FEBS Lett.** **39** (1974) 252 - 254. ISSN 0014-5793
25. A.I.Higa, M.C.Vidal and J.J.Cazzulo: Activation and stabilization of halophilic enzymes by magnesium and calcium ions. **Experientia (Basel)** **30** (1974) 462 - 463. ISSN 0014-4754
26. J.J.Cazzulo, M.C.Vidal and E. Massarini : Regulatory properties of enzymes from halophilic bacteria. **Acta Physiol.Latinoamericana**, **23** (1974) 578 - 580. ISSN 0326-6656
27. A.I.Higa and J.J.Cazzulo: Some properties of the citrate synthase from the extreme halophile, *Halobacterium cutirubrum*. **Biochem.J.** **147** (1975) 267 - 274. ISSN 0264-6021
28. E.Massarini and J.J.Cazzulo: Two forms of citrate synthase in a marine Pseudomonad. **FEBS Lett.** **57** (1975) 134 - 138. ISSN 0014-5793
29. E.Massarini and J.J.Cazzulo: On the role of divalent cations in the reaction mechanism of malic enzyme. **Experientia**, **31** (1975) 1126 - 1128. ISSN 0014-4754
(E.Massarini y J.J.Cazzulo: Enzima málica NADP-dependiente de una *Pseudomonas* marina. II. Efecto de cationes divalentes. **Anales Asoc. Quím. Argentina**, **64** (1976) 41 - 50).

30. T.P.Coultate, T.K.Sundaram and J.J.Cazzulo: Stability of protein and ribonucleic acid in *Bacillus stearothermophilus*. **J.Gen.Microbiol.** **91** (1975) 383 - 390. ISSN 0022-1287
31. S.R.M. de Forchetti, O.Forchetti, S.M.Juan, A.I.Higa, A.González, J.L.Parada y J.J.Cazzulo: Metabolismo de una bacteria criófila de agua dulce. **Rev. Asoc. Arg. Microbiol.** **7** (1975) 97 - 107. ISSN 0325-1713
32. A.I.Higa, S.M.Milrad de Forchetti and J.J.Cazzulo: CO₂-fixing enzymes in *Pseudomonas fluorescens*. **J.Gen.Microbiol.** **93** (1976) 69 - 74. ISSN 0022-1287
33. S.R.Milrad de Forchetti and J.J.Cazzulo: Some properties of the pyruvate carboxylase from *Pseudomonas fluorescens*. **J.Gen.Microbiol.** **93** (1976) 75 - 81. ISSN 0022-1287
34. S.M.Juan and J.J.Cazzulo: The extracellular protease from *Pseudomonas fluorescens*. **Experientia (Basel)** **32** (1976) 1120 - 1122. ISSN 0014-4754
(S.M.Juan y J.J.Cazzulo: Producción de proteasa extracelular por una bacteria criófila de agua dulce. **Rev.Asoc. Arg. Microbiol.** **8** (1976) 8 - 13).
35. M.C.Vidal and J.J.Cazzulo: On the regulatory properties of a halophilic malic enzyme from *Halobacterium cutirubrum*. **Experientia (Basel)** **32** (1976) 441 - 442. ISSN 0014-4754
36. E.Massarini, A.I.Higa and J.J.Cazzulo: Regulatory properties of the citrate synthase from *Rhodospirillum rubrum*. **Experientia (Basel)** **32** (1976) 426 - 428. ISSN 0014-4754
(A.I.Higa, E.Massarini y J.J.Cazzulo: Regulación de la citrato sintasa en bacterias: Comparación de la acción de varios efectores sobre las enzimas de *Rhodospirillum rubrum* y *Bacillus stearothermophilus*. **Rev. Asoc. Arg. Microbiol.** **8** (1976) 74 - 81). ISSN 0325-1713
37. A.I.Higa and J.J.Cazzulo: The citrate synthase from *Bacillus stearothermophilus*. **Experientia (Basel)** **32** (1976) 1373 - 1374. ISSN 0014-4754
38. S.M.Juan, J.J.Cazzulo y E.L.Segura: Algunas propiedades de la malato dehidrogenasa de *Trypanosoma cruzi*. **Rev.Asoc.Arg.Microbiol.** **8** (1976) 114 - 116. ISSN 0325-1713
39. S.M.Juan, J.J.Cazzulo and E.L.Segura: The pyruvate kinase from *Trypanosoma cruzi*. **Acta Physiol. Latinoamericana**, **26** (1976) 424 - 426. ISSN 0326-6656
40. E.Massarini y J.J.Cazzulo: Enzima málica NADP dependiente de una *Pseudomonas* marina. I. Efecto de cationes monovalentes. **Anales Asoc. Quím. Argentina**, **64** (1976) 29 - 39.
41. E.Massarini y J.J.Cazzulo: Enzima málica NADP-dependiente de una *Pseudomonas* marina. III. Efecto de cationes divalentes sobre la inhibición por metabolitos. **Anales Asoc. Quím. Argentina**, **64** (1976) 51 - 59.
42. J.J.Cazzulo, S.M.Juan and E.L.Segura: Glutamate dehydrogenase and aspartate aminotransferase in *Trypanosoma cruzi*. **Comp.Biochem.Physiol.** **56B** (1977) 301 - 303. ISSN 0305-0491
43. J.J.Cazzulo, S.M.Juan and E.L.Segura: The malic enzyme from *Trypanosoma cruzi*. **J.Gen.Microbiol.** **99** (1977) 237 - 241. ISSN 0022-1287

44. M.A.Cataldi de Flombaum, J.J.B.Cannata, J.J.Cazzulo and E.L.Segura: CO₂-fixing enzymes in *Trypanosoma cruzi*. **Comp.Biochem.Physiol.** **58 B** (1977) 67 - 69. ISSN 0305-0491
45. S.M.Juan, J.J.Cazzulo and E.L.Segura: The citrate synthase from *Trypanosoma cruzi*. **J.Parasitol.** **63** (1977) 921 - 922. ISSN 0022-3395
46. A.C.C.Frasch, E.L.Segura, J.J.Cazzulo and A.O.M.Stoppani: Adenosine triphosphatase activities in *Trypanosoma cruzi*. **Comp.Biochem.Physiol.** **60B** (1978) 271 - 275. ISSN 0305-0491
47. A.C.C.Frasch, J.J.Cazzulo and A.O.M.Stoppani: Solubilization and some properties of the Mg²⁺ -activated adenosine triphosphatase from *Trypanosoma cruzi*. **Comp.Biochem.Physiol.** **61B** (1978) 207 - 212. ISSN 0305-0491
48. S.M.Juan, E.L.Segura and J.J.Cazzulo: Purification and some properties of the NADP-linked glutamate dehydrogenase from *Trypanosoma cruzi*. **Int.J.Biochem.** **9** (1978) 395 - 400. ISSN 1357-2725
49. A.I.Higa, E.Massarini and J.J.Cazzulo: Purification and some properties of the citrate synthase from a marine *Pseudomonas*. **Can.J.Microbiol.** **24** (1978) 215 - 221. ISSN 0008-4166
50. A.I.Higa and J.J.Cazzulo: The adenosine triphosphatase from the moderate halophile, *Vibrio costicola*. **FEMS Microbiol. Lett.** **3** (1978) 157 - 160. ISSN 0378-1097
(J.J.Cazzulo: The adenosine triphosphatase from the moderate halophile, *Vibrio costicola*. In: **Energetics and structure of Halophilic Microorganisms** (S.R.Caplan and M. Ginsburg, Eds.) pp. 447 - 451. Elsevier/North Holland, Amsterdam, 1978).
51. S.M.Juan, E.L.Segura and J.J.Cazzulo: Inhibition of the NADP-linked glutamate dehydrogenase from *Trypanosoma cruzi* by sulfhydryl reagents. **Comp.Biochem.Physiol.** **63B** (1979) 531 - 535. ISSN 0305-0491
52. J.J.Cazzulo, B.M.Franke de Cazzulo, A.I.Higa and E.L.Segura: NAD-linked glutamate dehydrogenase in *Trypanosoma cruzi*. **Comp. Biochem. Physiol.** **64B** (1979) 129 - 131. ISSN 0305-0491
53. A.I.Higa, B.M.Franke de Cazzulo and J.J.Cazzulo: Some properties of the nicotinamide adenine dinucleotide-specific glutamate dehydrogenase from *Crithidia fasciculata*. **J.Gen.Microbiol.** **113** (1979) 429 - 432. ISSN 0022-1287
54. S.M.Juan, E.L.Segura and J.J.Cazzulo: Inhibition of the NADP-linked glutamate dehydrogenase from *Trypanosoma cruzi* by silver nitrate. **Experientia (Basel)** **35** (1979) 1139 - 1140. ISSN 0014-4754
55. J.J.B.Cannata, A.C.C.Frasch, M.A.Cataldi de Flombaum, E.L.Segura and J.J.Cazzulo: Two forms of malic enzyme with different regulatory properties in *Trypanosoma cruzi*. **Biochem.J.** **184** (1979) 409 - 419. ISSN 0264-6021
56. M.S.Salvarrey and J.J.Cazzulo: Some properties of the NADP-specific malic enzyme from the moderate halophile, *Vibrio costicola*. **Can.J.Microbiol.** **26** (1980) 50 - 57. ISSN 0008-4166

57. J.J.B.Cannata, R.Docampo, E.Valle, B. M. Franke de Cazzulo y J.J.Cazzulo: Distribución intracelular de las enzimas fijadoras de CO₂ en *Trypanosoma cruzi* y *Crithidia fasciculata*. **Medicina (Buenos Aires) 40 (Supl. 1)** (1980) 143 - 153. ISSN 0025-7680
58. J.J.Cazzulo, E. Valle, R. Docampo and J.J.B.Cannata: Intracellular distribution of CO₂-fixing enzymes in *Trypanosoma cruzi* and *Crithidia fasciculata*. **J. Gen. Microbiol. 117** (1980) 271 - 274. ISSN 0022-1287
59. J.J.Cazzulo, B.M.Franke de Cazzulo and E.L.Segura: Inhibition of the NAD-linked glutamate dehydrogenase from *Trypanosoma cruzi* by sulfhydryl reagents. **Comp.Biochem.Physiol. 67 B** (1980) 163 - 166. ISSN 0305-0491
60. E. Orellano and J.J.Cazzulo: Purification and regulatory properties of the NADP-linked malic enzyme from *Crithidia fasciculata*. **Mol. Biochem. Parasitol. 3** (1981) 1 - 11. ISSN 0166-6851
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62. M. Torruella, B.M.Franke de Cazzulo, J.C.Engel, A.M.Ruiz, E.L.Segura and J.J.Cazzulo: *Trypanosoma cruzi* and *Trypanosoma rangeli*: : Glutamate dehydrogenases and proteolytic activities. **Comp.Biochem.Physiol. 70 B** (1981) 463 - 468. ISSN 0305-0491
63. A.J.Parodi, L.A.Quesada-Allué and J.J.Cazzulo: The pathway of protein glycosylation in the Trypanosomatid *Crithidia fasciculata*. **Proc. Nat. Acad. Sci. U.S.- Biol.Sci, 78** (1981) 6201 - 6205. ISSN 0027-8424
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65. B.M.Franke de Cazzulo and J.J.Cazzulo: Inhibition by suramin of the glutamate dehydrogenases from *Trypanosoma cruzi* and bovine liver. **Comp.Biochem.Physiol. 71 B** (1982) 321 - 324. ISSN 0305-0491
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67. M.S.Salvarrey and J.J.Cazzulo: Citrate synthase from *Crithidia fasciculata*: : inhibition by adenine nucleotides and suramin. **Comp.Biochem.Physiol. 72 B** (1982) 165 - 168. ISSN 0305-0491
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69. J.J.B.Cannata, E. Valle, R. Docampo and J.J.Cazzulo: Subcellular localization of phosphoenolpyruvate carboxykinase in the trypanosomatids *Trypanosoma cruzi* and *Crithidia fasciculata*. **Mol.Biochem.Parasitol. 6** (1982) 151 - 160. ISSN 0166-6851

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72. E. Bontempi, B.M. Franke de Cazzulo, A.M.Ruiz and J.J.Cazzulo: Purification and some properties of an acidic protease from epimastigotes of *Trypanosoma cruzi*. **Comp.Biochem.Physiol.** **77 B** (1984) 599 - 604. ISSN 0305-0491
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74. E.G.Orellano, R. H. Vallejos and J.J.Cazzulo : Chemical modification of the active site of the NADP-linked glutamate dehydrogenase from *Trypanosoma cruzi*. **Comp.Biochem.Physiol.** **80 B** (1985) 563 - 568. ISSN 0305-0491
75. J.J.Cazzulo and B.M. Franke de Cazzulo: Pyruvate decarboxylase and alcohol dehydrogenase in the insect Trypanosomatid, *Crithidia fasciculata*. **Comp.Biochem.Physiol.** **81 B** (1985) 1019 - 1022. ISSN 0305-0491
76. J.J.Cazzulo, B.M. Franke de Cazzulo, J.C. Engel and J.J.B.Cannata: End products and enzyme levels of aerobic glucose fermentation in Trypanosomatids. **Mol. Biochem. Parasitol.** **16** (1985) 329 - 343. ISSN 0166-6851
77. C. de los Santos, G. Buldain, B. Frydman, J.J.B.Cannata and J.J.Cazzulo: Carbon-13 nuclear magnetic resonance analysis of (1-¹³C)-glucose metabolism in *Crithidia fasciculata*. Evidence of CO₂ fixation by phosphoenolpyruvate carboxykinase. **Eur. J. Biochem.** **149** (1985) 421 - 429. ISSN 0014-2956
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