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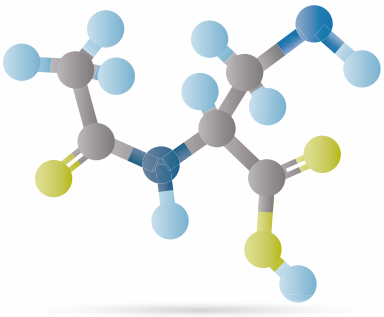
N-Acetilcisteína ORIGINAL

Múltiples acciones demostradas a través de la historia



1960 Acción Mucolítica

1977 Antídoto contra la intoxicación por paracetamol

1984 Acción Antioxidante

1992 Acción Antiinfecciosa (antibacteriano)

1997 Acción Antiinfecciosa (antiviral)

1999 Acción Antiinflamatoria

2000 Acción contra el biofilm bacteriano

2002 Acción en nefrotoxicidad

2009 Acción en hepatopatías

2012 Acción Antitrombótica

...más por descubrir

La **EVIDENCIA** lo sustenta...

HYPOTHESES

FASEB

Rationale for the use of *N*-acetylcysteine in both prevention and adjuvant therapy of COVID-19

Silvio De Flora[1] | Roumen Balansky[2] | Sebastiano La Maestra[1]

Review: Improving Therapeutics for COVID-19 with Glutathione-boosting Treatments that Improve Immune Responses and Reduce the Severity of Viral Infections.

Authors: Jimmy L. Spearow, Ph.D.[1] and Linda Copeland, M.D.[2]

antioxidants MDPI

Article

N-Acetyl-Cysteine Regenerates Albumin Cys34 by a Thiol-Disulfide Breaking Mechanism: An Explanation of Its Extracellular Antioxidant Activity

Alessandra Altomare [1,*], Giovanna Baron [1], Maura Brioschi [2], Martina Longoni [1], Riccardo Butti [1], Edoardo Valvassori [1], Elena Tremoli [2], Marina Carini [1], Piergiuseppe Agostoni [2,3], Giulio Vistoli [1], Cristina Banfi [2] and Giancarlo Aldini [1]

COPD JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE

REVIEW

Oxidative Stress and Respiratory System: Pharmacological and Clinical Reappraisal of N-Acetylcysteine

Pierachille Santus,[1] Angelo Corsico,[2] Paolo Solidoro,[3] Fulvio Braido,[4] Fabiano Di Marco,[5] and Nicola Scichilone[6]

Lung Protection by a Thiol-Containing Antioxidant: N-Acetylcysteine

Moldéus P. · Cotgreave I.A. · Berggren M.

Author affiliations

Keywords: > N-acetylcysteine > Oxidants > Glutathione > Free radicals > Thiol homeostasis

International Journal of COPD Dovepress

ORIGINAL RESEARCH

Effect of high-dose N-acetylcysteine on airway geometry, inflammation, and oxidative stress in COPD patients

European Review for Medical and Pharmacological Sciences 2014; 18: 2942-2948

N-acetylcysteine as powerful molecule to destroy bacterial biofilms. A systematic review

S. DINICOLA[1,2], S. DE GRAZIA[1], G. CARLOMAGNO[1], J.P. PINTUCCI[3]

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[2]Department of Surgery "P. Valdoni", "Sapienza" University of Rome, Rome, Italy
[3]U.O.C. Otorhinolaryngology, City Hospital, Vimercate, Italy

SCIENTIFIC REPORTS

OPEN

N-acetylcysteine-functionalized coating avoids bacterial adhesion and biofilm formation

Fabíola Costa[1,2], Daniela M. Sousa[1,2], Paula Parreira[1,2], Meriem Lamghari[1,2], Paula Gomes[3] & M. Cristina L. Martins[1,2,4]

RESEARCH Open Access

Pharmacological investigation on the anti-oxidant and anti-inflammatory activity of N-acetylcysteine in an ex vivo model of COPD exacerbation

Mario Cazzola[1], Luigino Calzetta[1*], Francesco Facciolo[2], Paola Rogliani[1] and Maria Gabriella Matera[3]

REVIEW
N-ACETYLCYSTEINE AND COPD EXACERBATIONS

Influence of *N*-acetylcysteine on chronic bronchitis or COPD exacerbations: a meta-analysis

Mario Cazzola[1], Luigino Calzetta[1], Clive Page[2], Josè Jardim[3], Alexander G. Chuchalin[4], Paola Rogliani[1] and Maria Gabriella Matera[5]

antioxidants

Article

Severe Glutathione Deficiency, Oxidative Stress and Oxidant Damage in Adults Hospitalized with COVID-19: Implications for GlyNAC (Glycine and *N*-Acetylcysteine) Supplementation

Peeyanjan Kumar [1,†], Ob Osahon [1,†], David B. Vides [1,†], Nicola Hanania [2], Charles G. Minard [3] and Rajagopal V. Sekhar [1,*]

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GLOBAL INITIATIVE FOR CHRONIC OBSTRUCTIVE LUNG DISEASE

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Article

Protective Effect of Glutathione against Oxidative Stress-induced Cytotoxicity in RAW 264.7 Macrophages through Activating the Nuclear Factor Erythroid 2-Related Factor-2/Heme Oxygenase-1 Pathway

Da Hye Kwon [1,†], Hee-Jae Cha [2,†], Hyesook Lee [1], Su-Hyun Hong [1,3], Cheol Park [4], Shin-Hyung Park [5], Gi-Young Kim [6], Suhkmann Kim [7], Heui-Soo Kim [8], Hye-Jin Hwang [9] and Yung Hyun Choi [1,3,*]

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