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Título Profesional o Grado Académico (incluya el año de obtención):

**LICENCIATURA EN CIENCIAS C/M EN QUÍMICA, UNIVERSIDAD DE CHILE
1974.**

Estudios de Postgrado o Especialización (institución donde lo obtuvo y año de obtención):

**DOCTOR EN QUÍMICA ORGÁNICA, UNIVERSIDAD DE LA LAGUNA,
TENERIFE, ESPAÑA 1986.**

Actividad Actual e Institución en la cual trabaja:

**PROFESOR ASOCIADO DE LA UNIVERSIDAD DE CHILE.
DEPARTAMENTO DE QUÍMICA, FACULTAD DE CIENCIAS.**

Reseña de su actividad laboral actual:

Área de Investigación: Química Orgánica.

Línea de Investigación: Química orgánica: aislamiento, elucidación de estructuras, semisíntesis de productos naturales orgánicos vegetales; hormonas vegetales (jasmonatos, brasinólidos); química orgánica aplicada a productos poliméricos industriales (látex, caucho, revestimientos, biopolímeros, hidrogeles, proteínas).

Docencia:

PUBLICACIONES INDEXADAS:

Alcalde-Eon, C., Rivas-Gonzalo, J.C., Muñoz, O., Escribano-Bailón, M.T.
Schizanthus grahamii and Schizanthus hookeri. Is there any relationship between their anthocyanin compositions and their different pollination syndromes?

(2013) *Phytochemistry*, 85, pp. 62-71.

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Muñoz, O., Decap, S., Ruiz, F., Arbildua, J., Monasterio, O.

Determination of 10 - Hydroxy - 2 - Decenoic acid in Royal Jelly by capillary electrophoresis

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Grahamines A-E, cyclobutane-centered tropane alkaloids from the aerial parts of schizanthus grahamii

(2011) *Journal of Natural Products*, 74 (11), pp. 2388-2394. Cited 2 times.

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Muñoz, O., Christen, P., Cretton, S., Barrero, A.F., Lara, A., Herrador, M.M.

Comparison of the essential oils of leaves and stem bark from two different populations of *Drimys winteri* a Chilean herbal medicine

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Muñoz, O., Christen, P., Cretton, S., Backhouse, N., Torres, V., Correa, O., Costa, E., Miranda, H., Delporte, C.

Chemical study and anti-inflammatory, analgesic and antioxidant activities of the leaves of *Aristolelia chilensis* (Mol.) Stuntz, Elaeocarpaceae

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Humam, M., Kehrl, T., Jeannerat, D., Munoz, O., Hostettmann, K., Christen, P. Schizanthines N, O, and P, tropane alkaloids from the aerial parts of schizanthus tricolor

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Absolute configuration of tropane alkaloids bearing two α,β -unsaturated ester functions using electronic CD spectroscopy: Application to (R,R)-trans-3- hydroxyseneciolyoxy-6-seneciolyoxytropane

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Content of flavonoids and phenolic compounds in Chilean honeys. ORAC index [Contenido de flavonoides y compuestos fenólicos de mieles Chilenas e índice antioxidante]

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Muñoz, M.A., Muñoz, O., Joseph-Nathan, P.

Absolute configuration of natural diastereoisomers of 6 β - hydroxyhyoscyamine by vibrational circular dichroism

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Bieri, S., Varesio, E., Veuthey, J.-L., Muñoz, O., Tseng, L.-H., Braumann, U., Spraul, M., Christen, P.

Identification of isomeric tropane alkaloids from *Schizanthus grahamii* by HPLC-NMR with loop storage and HPLC-UV-MS/SPE-NMR using a cryogenic flow probe

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Bieri, S., Varesio, E., Muñoz, O., Veuthey, J.-L., Christen, P.
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Escribano-Bailón, M.T., Alcalde-Eon, C., Muñoz, O., Rivas-Gonzalo, J.C., Santos-Buelga, C.
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López-Pérez, J.L., Erazo, S., Delporte, C., Negrete, R., Muñoz, O., García, R., Backhouse, N., Feliciano, A.S.
Two new dammarane triterpenoids from *Kageneckia angustifolia* D. Don
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Muñoz, O., Sepúlveda, M., Schwartz, M.
Effects of enzymatic treatment on anthocyanic pigments from grapes skin from Chilean wine

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Muñoz, O., Casale, J.F.

Tropane Alkaloids from *Latua pubiflora*

(2003) *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 58 (9-10), pp. 626-628. Cited 1 time.

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Erazo, S., Muñoz, O., García, R., Lemus, I., Backhouse, N., Negrete, R., San Feliciano, A., Delporte, C.

Constituents and biological activities from *Muehlenbeckia hastulata*

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(2002) *Biochemical Systematics and Ecology*, 30 (1), pp. 45-53. Cited 5 times.

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Muñoz, O., Estevez-Braun, A.M., Ravelo, A.G., González, A.G.

Cucurbitacin F in seeds of *Kageneckia angustifolia* (Rosaceae)

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DOCUMENT TYPE: Article

SOURCE: Scopus

Delporte, C., Muñoz, O., Rojas, J., Ferrándiz, M., Payá, M., Erazo, S., Negrete, R., Maldonado, S., San Feliciano, A., Backhouse, N.

Pharmaco-toxicological study of *Kageneckia oblonga*, Rosaceae

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Kennedy, M.L., Cortés-Selva, F., Pérez-Victoria, J.M., Jiménez, I.A., González, A.G., Muñoz, O.M., Gamarro, F., Castanys, S., Ravelo, A.G.

Chemosensitization of a multidrug-resistant *Leishmania tropica* line by new sesquiterpenes from *Maytenus magellanica* and *Maytenus chubutensis* (2001) *Journal of Medicinal Chemistry*, 44 (26), pp. 4668-4676. Cited 48 times.

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Muñoz, O., Peña, R.C., Montenegro, G.

Iridoids from *Stachys grandidentata* (Labiatae)

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