



Nombres:

MARÍA CECILIA DE LAS NIEVES

Apellidos:

ROJAS GARRIDO

Contacto (Opcional):

CROJAS@UCHILE.CL

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

BIOQUÍMICO, UNIVERSIDAD DE CHILE, 1976.

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

DOCTOR EN QUÍMICA, UNIVERSIDAD DE CHILE, 1992

Actividad Actual e Institución en la cual trabaja:

PROFESOR TITULAR DE LA UNIVERSIDAD DE CHILE. DEPARTAMENTO DE QUÍMICA, FACULTAD DE CIENCIAS.

Reseña de su actividad laboral actual:

Desarrollo actividades académicas de investigación y docencia en el área de la Bioorgánica.

Mi línea de investigación se refiere al estudio de los mecanismos y estrategias químicas utilizados por microorganismos para sintetizar metabolitos secundarios de importancia agronómica, específicamente moléculas que modulan el desarrollo y crecimiento vegetal como las giberelinas. En los últimos años completamos la caracterización molecular de la biosíntesis de estas fitohormonas en distintos hongos de los géneros *Fusarium* y *Sphaceloma*, tanto desde el punto de vista de las

reacciones químicas, como a nivel de los respectivos genes y enzimas. Estamos caracterizando actualmente la biosíntesis de giberelinas en distintas rhizobacterias

PUBLICACIONES INDEXADAS:

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Actualización, mayo 2014