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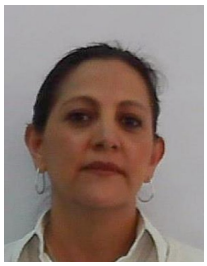

Employment

Faculty of Exact, Natural, and Environmental Sciences
Pontifical Catholic University of Ecuador
22 Feb 2009 → present

Interdisciplinary Group in Applied Sciences
Pontifical Catholic University of Ecuador
19 Sep 2019 → present

Biological Sciences
Pontifical Catholic University of Ecuador
1 Jan 2019 → present

PUCE Quito
Pontifical Catholic University of Ecuador
21 Feb 2009 → present

Research outputs

Insights on the reactivity mechanism in dermaseptins extracted from skin secretions of the gliding tree frog Agalychnis spurrelli of the Hylidae family
Meneses, L., Guerrero, A. I., Valverde, P. & Rengifo–Lema, M. J., Dec 2026, In: Theoretical Chemistry Accounts. 145, 11-12, 92.

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A computational study of steviol and its suggested anticancer activity. A DFT and docking study
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Meneses, L., Fuentealba, P. & Contreras, R., 29 Dec 2006, In: Chemical Physics Letters. 433, 1-3, p. 54-57 4 p.

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Projects

ACTIVIDAD ANTIPARASITARIA DE PÉPTIDOS SINTÉTICOS DERIVADOS DE LA PIEL DE ANFIBIOS CONTRA MALARIA, CHAGAS Y LEISHMANIASIS
BOHORQUEZ TIMISARAY, K. P. (Principal Investigator), Meneses Olmedo, L. M. (Principal Investigator), RIVERA IÑIGUEZ, M. R. (Principal Investigator), SALAZAR SALAZAR, M. A. (Principal Investigator), Sáenz Calderón, F. E. (Principal Investigator) & Costales Cordero, J. A. (Director)
1/01/21 → 31/12/21

ESTUDIO DE DESCRIPTORES MECANO-CUÁNTICOS PARA ESTABLECER POSIBLES MECANISMOS DE ACCIÓN DE PÉPTIDOS EXTRAÍDOS DE LA PIEL DE RANAS DE LA FAMILIA HYLIDAE
Valverde Arias, P. J. (Principal Investigator), GUERRERO DUYMOVIC, A. I. (External Researcher) & Meneses Olmedo, L. M. (Director)
1/03/22 → 28/02/23

ESTUDIO DE PÉPTIDOS DE INTERÉS BIOLÓGICO EXTRAÍDOS DE LA PIEL DE LA RANA AGALYNCHNIS SPURRELLI POR MÉTODOS EXPERIMENTALES Y COMPUTACIONALES
Pilaquinga Flores, M. F. (Principal Investigator), Rivera Íñiguez, M. R. (Principal Investigator), ARIAS DE, P. E. J. (Student), GALLEGOS PERALTA, F. E. (Student) & Meneses Olmedo, L. M. (Director)
15/02/18 → 14/02/19

ESTUDIO DE PÉPTIDOS DE INTERÉS BIOLÓGICO EXTRAÍDOS DE LA PIEL DE RANAS DE LA FAMILIA HYLIDAE POR MÉTODOS EXPERIMENTALES Y COMPUTACIONALES
Cevallos Vallejo, A. S. (Principal Investigator), PROAÑO BOLAÑOS, C. D. C. (Principal Investigator), Pilaquinga Flores, M. F. (Principal Investigator), Rivera Íñiguez, M. R. (Principal Investigator), Valverde Arias, P. J. (Principal Investigator), MORALES PAZMIÑO, J. F. (Student), REINOSO DÁVILA, D. C. (Student) & Meneses Olmedo, L. M. (Director)
1/04/19 → 30/11/21

INVESTIGACIONES EN NANOMATERIALES FLUORESCENTES
CUEVA TIRIRA, G. F. (Principal Investigator), González Laprea, J. E. (Principal Investigator), Meneses Olmedo, L. M. (Principal Investigator), Pilaquinga Flores, M. F. (Principal Investigator), LÓPEZ GONZÁLEZ, F. A. (External Researcher), GARCÍA GOITIA, M. F. (Student) & Borrero González, L. J. (Director)
1/08/22 → 2/08/24

SÍNTESIS, CARACTERIZACIÓN Y MODELAMIENTO COMPUTACIONAL DE NANOPARTÍCULAS DE PLATA USANDO EXTRACTOS DE PLANTAS NATIVAS DE LA PROVINCIA DE IMBABURA
Jara Negrete, E. N. (Principal Investigator), LÓPEZ FLORES, M. F. (Principal Investigator), Meneses Olmedo, L. M. (Principal Investigator), GRANJA MOREANO, S. C. (Student) & Pilaquinga Flores, M. F. (Director)
15/02/18 → 14/02/20