



Table of Contents

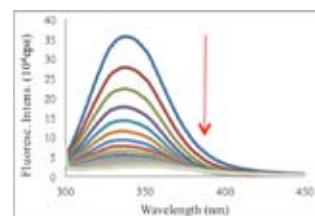
- 159 Editorial**
Juvencio Robles y Lena Ruiz Azuara

Articles

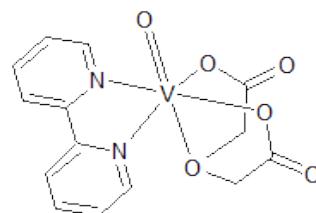
- 160-168 Transfer Hydrogenation Reactions of Photoactivatable *N,N'*-Chelated Ruthenium(II) Arene Complexes**
Soledad Betanzos-Lara, Abraha Habtemariam and Peter J. Sadler*



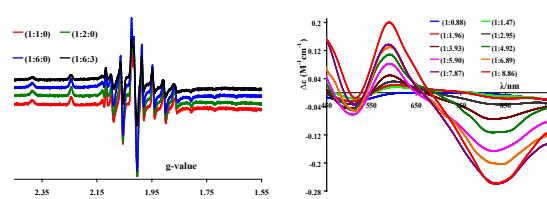
- 169-174 Spectroscopic Study of the Interactions of Ruthenium-Ketoconazole Complexes of Known Antiparasitic Activity with Human Serum Albumin and Apotransferrin**
*Jesús G. Estrada and Roberto A. Sánchez-Delgado**



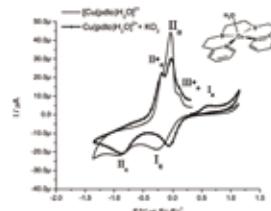
- 175-179 Spectroscopic Characterization of an Oxovanadium(IV) Complex of Oxodiacetic Acid and 2,2'-Bipyridine. Bioactivity on Osteoblast-Like Cells in Culture**
*Ignacio E. León, Susana B. Etcheverry, Beatriz S. Parajón-Costa, and Enrique J. Baran**



- 180-191 Binding of Oxovanadium(IV) Complexes to Blood Serum Albumins**
*Enoch Cobbina, Sameena Mehtab, Isabel Correia, Gisela Gonçalves, Isabel Tomaz, Isabel Cavaco, Tamás Jakusch, Eva Enyedi, Tamás Kiss, and João Costa Pessoa**



- 192-197 Electrochemical Study of the Complex $[\text{Cu}(\text{pdto})(\text{H}_2\text{O})]^{2+}$ ($\text{pdto} = 1,8\text{-bis-(2-pyridyl)-3,6-dithiaoctane}$) in the Presence of the Superoxide. Toward an Electrochemical Method to Measure SOD Activity**
*Mayra Manzanera-Estrada, Luis Felipe Hernández Ayala, Guadalupe Osorio-Monreal, Juan Carlos García-Ramos, and Luis Ortiz-Frade**

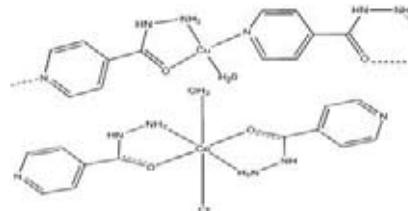


*The asterisk indicates the name of the author to whom inquiries about the paper should be addressed

Table of Contents

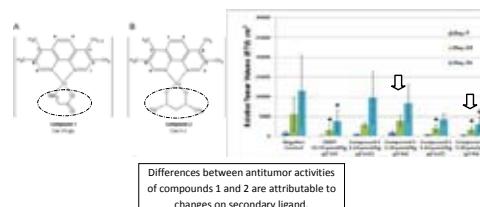
- 198-204 New Isoniazid Complexes, Promising Agents Against *Mycobacterium tuberculosis***

Mariana Poggi, Rafael Barroso, Antonio José Costa-Filho, Heloisa Barbosa de Barros, Fernando Pavan, Clarice Queico Leite, Dinorah Gambino, and María Helvecia Torre**



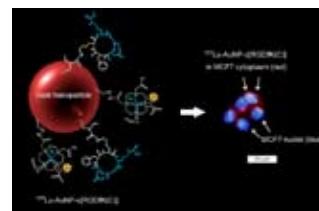
- 205-211 Antineoplastic Evaluation of Two Mixed Chelate Copper Complexes (Casiopeinas®) in HCT-15 Xenograft Model**

Maria Elena Bravo-Gómez, Ana Laura Hernández de la Paz, and Isabel Gracia-Mora*



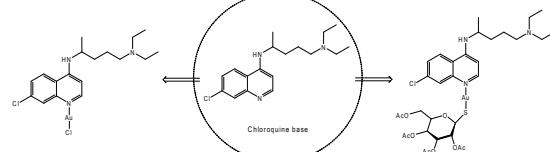
- 212-219 A Therapeutic System of ¹⁷⁷Lu-labeled Gold Nanoparticles-RGD Internalized in Breast Cancer Cells**

Myrna Luna-Gutiérrez, Guillermina Ferro-Flores, Blanca E. Ocampo-García, Clara L. Santos-Cuevas, Nallely Jiménez-Mancilla, De León-Rodríguez L.M., Erika Azorín-Vega, and Keila Isaac-Olivé*



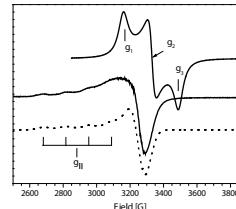
- 220-229 Synthesis and Anticancer Activity of Gold(I)-Chloroquine Complexes**

Maribel Navarro, William Castro, Sorenlis González, María Jesús Abad, and Peter Taylor*



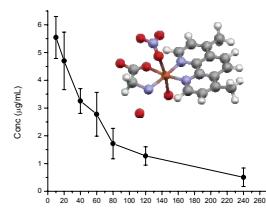
- 230-238 Spectroscopic Studies and DFT Calculations of Cimetidine Complexes with Transition Metal Ions**

*Daniela Olea-Román, Juan Carlos Villeda-García, Raúl Colorado-Peralta, Alejandro Solano-Peralta, Mario Sanchez, Irán F. Hernández-Ahuactzi, and Silvia Elena Castillo-Blum**



- 239-244 Blood to Plasma Ratio, Short-Term Stability and Plasma Protein Binding of Casiopeina IIgly, a Copper (II) Based Compound with Antineoplastic Activity**

*Roberto Carlos Cañas-Alonso, Inés Fuentes-Noriega, and Lena Ruiz-Azuara**



Review

- 245-259 Metal-Based Drug-DNA Interactions**

*Juan Carlos García-Ramos, Rodrigo Galindo-Murillo, Fernando Cortés-Guzmán, and Lena Ruiz-Azuara**

