



Licenciatura Química: Universidad Autónoma de Puebla

Estudios de Maestría: Universidad Autónoma de Querétaro
Maestría en Tecnología de los Alimentos

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Programas de Posgrado en los que participa:

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Línea de Investigación:

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Tema(s) de Estudio:

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□ Proyectos de Investigación

Separacion y caracterizacion estructural de almidones utilizando cromatografia sip20090419 y sip 20100515

□ Publicaciones Recientes

Aparicio-Saguilán A, Aguirre-Cruz A, Méndez-Montealvo G, Rodriguez-Ambriz SL, Garcia-Suarez FJ, Páramo-Calderón DE, Bello-Pérez LA (2014) The effect of the structure of native banana starch from two varieties on its acid hydrolysis. *LWT - Food Science and Technology* 58 (2):381-386. doi:10.1016/j.lwt.2014.03.028

Agama-Acevedo E, Rodriguez-Ambriz SL, García-Suárez FJ, Gutierrez-Méraz F, Pacheco-Vargas G, Bello-Pérez LA (2014) Starch isolation and partial characterization of commercial cooking and dessert banana cultivars growing in Mexico. *Starch/Staerke* 66 (3-4):337-344. doi:10.1002/star.201300125

Bello-Perez, L. A., Agama-Acevedo, E., Zamudio-Flores, P. B., Mendez-Montealvo, G., & **Rodriguez-Ambriz, S. L.** (2010). Effect of low and high acetylation degree in the morphological, physicochemical and structural characteristics of barley starch. *LWT-Food Science and Technology*, 43, 1434-1440.

Sanchez-Rivera, M. M., Flores-Ramírez, I., Zamudio-Flores, P. B., González-Soto, R. A., **Rodriguez-Ambriz, S. L.**, & Bello-Pérez., L. A. (2010). Acetylation of banana (*Musa paradisiaca* L.) and maize (*Zea mays* L.) starches using a microwave heating procedure and iodine as catalyst: Partial characterization. *Starch/Starke*, 62, 155–164

Bello-Perez, L. A., Sanchez-Rivera, M. M., Nuñez-Santiago, C., **Rodriguez-Ambriz, S. L.**, & Roman Gutierrez, A. D. (2010). Effect of the pearled in the isolation and the morphological, physicochemical and reological characteristics of barley starch. *Carbohydrate Polymers*, 81, 63-69.

Bello-Perez, L. A., **Rodriguez-Ambriz, S. L.**, Agama-Acevedo, E., & Zamudio Flores, P. B. (2010) Starch with commercial potential: chemical modification of banana starch. *Trends in Carbohydrate Research*, Vol.2, No.1, 23-35.

Utrilla-Coello, R. G., Agama-Acevedo, E., Barba de la Rosa, A. P., **Rodriguez Ambriz, S. L.**, & Luis A. Bello-Perez, L. A. (2010). Physicochemical and enzyme characterization of Small and large Starch granules isolated from two maize cultivars. *Cereal Chemistry*, 87(1), 50-56.

Bello-Perez, L. A., **Rodriguez-Ambriz, S. L.**, Agama-Acevedo, E., & Mirna M. Sanchez-Rivera, M. M. (2009). Solubilization Effects on Molecular Weights of Amylose and amylopectins of Normal Maize and Barley Starches. *Cereal Chemistry*, 86(6), 701–705.

Utrilla-Coello, R. G., Agama-Acevedo, E., Barba de la Rosa, A. P., Martinez-Salgado, J. L., **Rodriguez-Ambriz, S. L.**, & Luis A. Bello-Perez, L. A. (2009). Blue Maize: Morphology and starch synthase characterization of starch granule. *Plant Foods for Human Nutrition*, 64(1), 18-24

Tesis Dirigidas Recientes

Digestibilidad y Características Moleculares de Almidón de Plátano (*musa paradisiaca* L.) y Mango (*mangifera indica* L.) Modificados Enzimáticamente, Casarrubias-Castillo, M. G., 2010.