

ANEXO B

1. Name

MA. GUADALUPE ROJAS VERDE

Education – degree, discipline, institution, year

Degree	Discipline	Institution	Year	Country
Bachelor	Food Engineering	Univesity Autonomous of San Luis Potosi	1998	México
MSc	Microbiology	University Autonomous of Nuevo Leon	2000	México
PhD	Biotechnology	University Autonomous of Nuevo Leon	2010	México

Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), date (ex. 1990-1995), full time or part time

Institution	Title	Date	Responsibility
UANL	Non-teaching staff research	1997-2011	Research
UANL	Full time-techear	2011-to date	Classes and research

Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time

Company or entity	Title	Brief description of position	Date	Responsibility

Certifications or professional registrations

Certifications/Professional registrations	Institution	Date	Status
N/A	N/A	N/A	N/A

Current membership in professional organizations

Professional Organization	Title	Date	Status

Honors and awards

Title	Institution	Date	Status
SNI CANDIDATE	CONACYT	2011-2014	Not Active
PROFILE PRODEP	SEP	2011-to date	Active

Service activities (within and outside of the institution)

Activity	Institution	Date	Status
Laboratory head	UANL	2011-to date	Active
Tutorship	UANL	2013-to date	Active

Briefly list the most important publications and presentations from the past five years—title, co-authors, if any, place of publication or presentation, and date of publication or presentation

Degrading capability indigotin disulphonate dye (indigo carmine) in liquid fermentation. E. G. Galindo-León, I. Duran-Leyva, L. Galán-Wong, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde . XII International Congress Environmental Sciences. XVII National Congress Environmental Science. Cd, Juárez, Chi. June 5-7th 2013
Use of actinomicetes to toxic compound remotion: synthetic dye. M. Navarro-Zalbaldoitia, E. Robles-González, L. Galán Wong, K. Arévalo Niño, V. Almaguer-Cantú, G. Rojas-Verde . XII International Congress Environmental Sciences. XVII National Congress Environmental Science. Cd, Juárez, Chi. June 5-7th 2013
Biosorption of toxic compound: Textile dye by actinomycetes. M. Navarro-Zalbalgoitia, E. Galindo-León, L. Galán-Wong, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde . 48 th Chemical Mexican Congress. 32 nd National Congress of Chemical Education. Mexican Chemical Society. Guanajuato, Gto. México. August 31 st September 4 th , 2013.
Enzyme hydrolytic and oxidative production by native actinomicetes. E. G. Galindo-León, D. Gallardo-Navarro, K. Arévalo-Niño, V. Almaguer-Cantú, L. Galán-Wong, E. Alemán-Huerta, U. J. López-Chuken, G. Rojas-Verde . VII Latin American Network Congress of Environmental Sciences. San Carlos, Costa Rica. November 11 th 15 th 2013.
Sustainability and Challenges of Minimally Processed Foods. In Minimally Processed Foods. Technologies for Safety, Quality and Convenience. J. E. Dávila-Aviña, L. Solís-Soto, G. Rojas-Verde , N. A. Salas. 2014. M. W. Siddiqui, M. S. Rahman (Eds.). Springer. Pp. 279-295. ISBN 978-3-319-10676-2 (Print) 978-3-319-10677-9 (Online).
Evaluation of terrestrial actinomycetes against potential phytopathogenic fungi. En Proceedings Food Science, Biotechnology and Safety. Navarro-Zalbalgoitia M. G., K. Arévalo-Niño, L. Galán-Wong, V. Almaguer-Cantú, M. G. Rojas-Verde . 2014. J. Santos-García, H. S. García (eds). Pp. 507-514. ISBN 978-607-95455-3-6
Utilization of wheat bran for the simultaneous production of amylase and xylanase by native actinomycetes. M. E. Aleman-Huerta, K. Arevalo-Nino, L. Galan-Wong, V. Almaguer-Cantu, M.G. Rojas-Verde . 2014. In Proceedings Food Science, Biotechnology and Safety. J. Santos-García, H. S. García (eds). Pp. 51-54. ISBN 978-607-95455-3-6
Biosorption of RBBR by <i>Fusarium</i> sp. G. Royval, L. Galán-Wong, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde . 114 th General Meeting. American Society for Microbiology. Boston, Massachusetts. May 17-20, 2014.
Isolation and Classification of Bacilli Colony from Soil Samples S. Buentello-Wong, L. Galán-Wong, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde . 114 th General Meeting. American Society for Microbiology. Boston, Massachusetts. May 17-20, 2014.
Molecular Characterization of Strains of Bacilli from Cry Genes Active Against Dipterans. S. Buentello-Wong, L. Galán-Wong, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde . 114 th General Meeting. American Society for Microbiology. Boston, Massachusetts. May 17-20, 2014.
Dye Remotion by Fungi Treatment. D. Gallardo-Navarro D., J. I. Durán-Leyva, L. Galán-Wong, M. E. Alemán-Huerta, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde . 1st. Biotechnology World Symposium. 9 ^o National Meeting of Biotechnology. IPN. Tlaxcala, October 13-16, 2014.

Evaluation of Terrestrial Actinomycetes against Potential Phytopathogenic fungi. M. Navarro-Zabalgaitia M. G., K. Arévalo-Niño, L. Galán-Wong, V. Almaguer-Cantú, M. G. Rojas-Verde . 6° Congreso Food Science, Biotechnology and Safety. 8-10 Octubre, 2014.
Utilization of Wheat Bran for the Simultaneous Production of Amylase and Xylanase by Native Actinomycetes. G. E. Espinosa-Domínguez, C. Peralta-de Lira, M. E. Alemán-Huerta, K. Arévalo-Niño, L. Galán-Wong, V. Almaguer-Cantú, G. Rojas-Verde . 6° Congreso Food Science, Biotechnology and Safety. 8-10 Octubre, 2014.
Biosorption of hexavalent chromium using inactive biomass of <i>Aspergillus</i> sp. J. Andrade-Rivera, L. J. Galán-Wong, K. Arévalo-Niño, G. Rojas-Verde , V. Almaguer-Cantú. 2014. J. Chem. Biol. Phys. Scie. 4(5): 91-95.
Dye remotion by fungi treatment. D. Gallardo-Navarro, J. I. Duran-Leyva, L.J. Galán-Wong, M. E. Alemán-Huerta, k. Arevalo-Niño, V. Almaguer-Cantu, G. Rojas-Verde . 2014. J. Chem. Biol. Phys. Scie. 4(5): 147.
Removal of lead from aqueous solutions by brewer's spent grain. H. I. Salazar-Gonzalez, V. Almaguer-Cantu, G. Rojas-Verde , L. H. Morales-Ramos, C. Solis-Rojas, K. Arevalo-Niño. 2014. J. Chem. Biol. Phys. Scie. 4(5): 10-16.
Three carbon sources for the production of polyhydroxyalkanoates (PHAS) by the native <i>Bacillus cereus</i> . M. E., Martinez H. E., G. Rojas V. , V. Almaguer, U. Lopez, K. Arevalo, L. Galan. 2014. J. Chem. Biol. Phys. Scie. 4(5): 104.
Characterization of Cry proteins in native strains of <i>Bacillus thuringiensis</i> . S. Buentello-Wong, L. Galán-Wong, K. Arévalo-Niño, V. Almaguer-Cantú, G. Rojas-Verde. 2015. Southwestern Entomol. 40(1): 15-24. DOI: http://dx.doi.org/10.3958/059.040.0102
Use of wheat bran for the simultaneous production of amylase, xylanase and CMCCase by native soil actinomycetes. A. Tamez-Hernández, L. Galán-Wong, V. Almaguer-Cantú. K. Arévalo-Niño, E. Alemán-Huerta, G. Rojas-Verde. 115 th General Meeting. American Society for Microbiology. New Orleans, Louisiana. May 30-Jun 2, 2015.
Isolation and selection of native actinomycetes enzymes producers of industrial interest. Martínez Ledezma C., Ibarra González K., Martínez Espinoza M., Fernández Leal E., Arévalo Niño K., Rojas Verde G. XV International Congress and XXI National Congress of Environmental Sciences. Instituto Tecnológico del Valle de Oaxaca. Oaxaca, México. Jul 14-17, 2016.
Methylene blue dye remotion by <i>Fusarium</i> sp. Apresa Cerda D., Arévalo Niño K., Almaguer Cantú V., Rojas Verde G. XV International Congress and XXI National Congress of Environmental Sciences. Instituto Tecnológico del Valle de Oaxaca. Oaxaca, México. Jul 14-17, 2016.
Biosorption of chromium (VI) by biomass of <i>Penicillium</i> sp. immobilized in alginate of calcium. Fernández Amezcua E. R., Rojas Verde G. , Galán Wong L. J., Almaguer Cantú V. XV International Congress and XXI National Congress of Environmental Sciences. Instituto Tecnológico del Valle de Oaxaca. Oaxaca, México. Jul 14-17, 2016.
Physicochemical analysis of the removal chromium (VI) by <i>Aspergillus</i> sp. inactive biomass. Andrade Rivera J., Galán Wong L. J., Rojas Verde G. , Almaguer Cantu V. XV International Congress and XXI National Congress of Environmental Sciences. Instituto Tecnológico del Valle de Oaxaca. Oaxaca, México. Jul 14-17, 2016.
Toxicity of some essential oil formulation against the Mexican fruit fly <i>anastrepha ludens</i> (Loew)(diptera: Tephritidae). Buentello-Wong S., Galan-Wong L., Arévalo-Niño K., Almaguer-Cantú V., Rojas-Verde G. 2016. Industrial Crops and Products. 85: 58-62.
Isolation and selection of native actinomycetes enzymes producers of industrial interest. Martínez Ledezma C., Ibarra González K., Martínez Espinoza M., Fernández Leal E., Arévalo Niño K., Rojas Verde G. 2016. Rev. Mex. Agrosistemas. Vol. 3 (Suplemento): 635
Methylene blue dye remotion by <i>Fusarium</i> sp. Apresa Cerda D., Arévalo Niño K., Almaguer Cantú V., Rojas Verde G. 2016. Rev. Mex. Agrosistemas. Vol. 3 (Suplemento): 636.
Biosorption of chromium (VI) by biomass of <i>Penicillium</i> sp. immobilized in alginate of calcium. Fernández Amezcua E. R., Rojas Verde G. , Galán Wong L. J., Almaguer Cantú V. 2016. Rev. Mex. Agrosistemas. Vol. 3 (Suplemento): 677.
Physicochemical analysis of the removal chromium (VI) by <i>Aspergillus</i> sp. inactive biomass. Andrade Rivera J., Galán Wong L. J., Rojas Verde G. , Almaguer Cantu V. 2016. Rev. Mex. Agrosistemas. Vol. 3 (Suplemento): 678

Biosorption of chromium (VI) by *Escherichia coli* DH5 α F genetical modified with the metallothionein 1 gene of *Mus musculus*. Garza Ramírez A. J., Balderas Rentería I., **Rojas Verde G.**, Almaguer Cantú V. 2016. Rev. Mex. Agrosistemas. Vol. 3 (Suplemento): 749.

Briefly list the most recent professional development activities

Professional Activity	Date
Research enzymes produced by white rot fungi: oxidative, hydrolytic. Degradation of textile dyes. Submerged and solid state fermentation.	2001-2010
Teaching: Agricultural biotechnology, animal biotechnology, environmental biotechnology.	2011-to date
Research enzymes produced by actinomycetes. anti fungal activity, isolation of soil microorganisms (bacteria, fungi), remediation of textile effluents (biological degradation of dyes).	2011-to date
Reviewer of four proposals by stimulus program for Research, Technological Development and Innovation. National Council of Sciences and Technology (CONACyT).	2014