

POSTER PRESENTATIONS

ISA V 2022

I Scientific trends on Agave	
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IP1P	"IN VITRO CONSERVATION OF GERMPLASM OF MEXICAN AGAVES" <i>Eugenio Pérez Molphe Balch, Lucía Isabel Chávez Ortiz, Alberto Isaac Reyes Silva, Ma. de Lourdes de la Rosa Carrillo & Adilene Dávila Galván.</i>
IP2P	"IMPORTANCE OF IN VITRO HARDENING FOR A SUCCESSFUL EX VITRO ACCLIMATIZATION IN <i>Agave</i> spp" <i>Luisa Gutiérrez Quintana & Liberato Portillo.</i>
IP3P	"BENEFICIAL INSECTS AND PESTS OF THE AGAVE CROP, PERSPECTIVES AND NEW RESEARCH" <i>William David Rodríguez.</i>
IP4P	"IN VITRO PROPAGATION OF <i>Agave Potatorum</i> (TOBALÁ) BY DIRECT ORGANOGENESIS AND CALLOGENESIS" <i>Enrique Rodríguez de la Garza, Fátima Gutiérrez Tenorio, Mauro Alejandro Salazar Muñoz, Alejandro González Rodríguez, Daniela Magallanes Enríquez & César Armando Puente Garza.</i>
IP5P	"MICROPROPAGATION OF AXILLARY BUDS IN <i>Agave</i> spp. BY TEMPORARY IMMERSION SYSTEMS" <i>Marlene Ortiz, Antonia Gutiérrez, Karla Vega, Manuel Rodríguez & Ernesto Tapia.</i>
IP6P	"EFFECT OF SALICYLIC ACID ON THE INCREASE OF BIOMASS AND SUGARS IN <i>Agave cupreata</i> TREL. & BERGER AND <i>Agave salmiana</i> GENTRY" <i>Ana María Roque Otero, Amaury Martín Arzate Fernández, Aurelio Domínguez López & Rubí Martín Arriaga.</i>
IP7P	"EFFECT OF PGPR BACTERIA ON THE DEVELOPMENT AND ACCLIMATIZATION OF VITROPLANTS OF <i>Agave cupreata</i> " <i>Eréndira Tututi Guillén.</i>
IP8P	"USO DE BIOESTIMULANTES A BASE DE ALGAS MARINAS SOBRE EL CRECIMIENTO DE PLANTAS MICROPROPAGADAS DE <i>Agave maximiliana</i> ". <i>Marco Valdés, Fernando Santacruz, Mireya Hernández, José Castañeda, Patricia Zarazúa & Lino de la Cruz.</i>
IP9P	"MORPHOLOGICAL DIVERSITY OF VARIETIES OF AGAVE IN RANCHO SAN ISIDRO, THE FIRST PULQUE PRODUCER IN THE STATE OF TLAXCALA, MEXICO" <i>Areli Flores Morales, D. Verónica Aquino Juárez, Eric Ocaranza Sánchez & Ángeles Sánchez Contreras.</i>
IP1V	"PROGRESS IN CRYOBIOTECHNOLOGY OF <i>Agave</i> spp" <i>Lourdes Delgado Aceves, Liberato Portillo & María Teresa González Arnao</i>
IP2V	"TEST FOR BIOCONTROL OF PHYTOPATHOGENS OF <i>Agave salmiana</i> IN TEMPORARY IMMERSION SYSTEMS" <i>María de Lourdes Pliego, Isabel Hernández, Ana Laura López Escamilla & Mayra de la Torre.</i>
IP3V	"GEO-LOCALIZATION OF DISEASES IN AGAVE" <i>Yaxk'in U Kan Coronado & Mayra de la Torre.</i>
IP4V	"GROWTH OF <i>Agave potatorum</i> UNDER BIOFERTILIZATION IN LOW FERTILITY SOILS" <i>Verónica Martínez Gallegos, Angélica Bautista Cruz, Jair Sanjuan Martínez & María Gabriela Ramirez Valadez.</i>

IP5V	<p>“LEAF ANATOMY IN AGAVE SALMIANA SUBSP. SALMIANA (ASPARAGACEAE) FROM THE EDO. OF MEXICO, INTRASPECIFIC VARIATION”</p> <p><i>Lorena E. Chávez Güitrón, Estela Sandoval Zapotitla, Florencia del C. Salinas Pérez, Ulises Rosas & Alejandro Vallejo Zamora.</i></p>
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IP8V	<p>“STUDIES OF ORYZALIN ON MERISTEMATIC TISSUE OF AGAVE H11648”</p> <p><i>Miguel Ángel Herrera Alamillo, María Teresa Álvarez Padilla, Gabriel Ojeda & L. Felipe Sánchez Teyer.</i></p>
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II Science and technology of Agave beverages

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IIP3P	<p>“PHYSICO-CHEMICAL EVALUATION OF TWENTY MEZCALS -CERTIFIED AND ARTESANAL- PRODUCED IN DURANGO”</p> <p><i>Martha Rosales Castro, Sandra J. Alvarado Aguilar & Ma. Guadalupe Reyes Navarrete</i></p>
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III Fructans and other agave products

ID	TITLE
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IIIP2P	“BIOFILM MADE FROM FRUCTANS BY AGAVE LACTIC ACID BACTERIA” <i>Nayeli A. Martha Lucero, Gustavo Viniestra González & Alma Cruz Guerrero.</i>
IIIP3P	“PHYSICO-CHEMICAL AND SENSORY CHARACTERIZATION OF MAGUEY SYRUP FROM SINGUILUCAN AND CARDONAL REGIONS IN HIDALGO STATE, MEXICO” <i>L. Moreno Vilet, M.F. Aguilar Aguilar, S.E. García Barrón, J. Jaimez Ordaz & A. E. Cruz Guerrero.</i>
IIIP4P	“ANALYSIS AND CHEMICAL CHARACTERIZATION OF AN Agave angustifolia Haw EXTRACT RICH IN FRUCTANS” <i>Y.E. Camacho Rodríguez, S. V. Avila Reyes, B.H. Camacho Díaz, N. Monterrosas Brisson, M. L. Arenas Ocampo & A. R. Jiménez Aparicio.</i>
IIIP5P	“MAGUEY SYRUP: OPTIMIZATION OF THE ARTISANAL PRODUCTION PROCESS” <i>L.G. González-Olivares, L. Moreno Vilet, E. Contreras López & J. Añorve Morga.</i>
IIIP6P	“CHARACTERIZATION OF ACETYLATED AGAVINS OF Agave Angustifolia Haw” <i>Carolina Buitrago Arias, Brenda H. Camacho Díaz, Rita Martínez Velarde, Liliana Alamilla Beltrán & Antonio R. Jiménez Aparicio.</i>
IIIP7P	“AGAVE FRUCTANS AS SUGAR SUBSTITUTES IN SOFT GEL FORMULATIONS” <i>Hugo Espinosa Andrews & Rogelio Rodríguez Rodríguez.</i>
IIIP8P	“VALORIZATION OF AGUAMIEL PRODUCED IN COMMUNITIES OF THE HIDALGO STATE: SUSTAINABLE PRODUCTION OF AGUAMIEL SYRUP RICH IN OLIGOFRACTANS DESTINED FOR MEDIUM AND MEDIUM-HIGH ECONOMIC SECTORS” <i>C.J. Figueredo Urbina, S.E. García Barrón, A. Castañeda Ovando & L. Moreno Vilet.</i>
IIIP1V	"EFFECT OF CHEMICAL MODIFICATIONS ON THE ANTIBACTERIAL ACTIVITY OF AGAVE FRUCTANS FRACTIONS” <i>Dafne I. Díaz Ramos, Maribel Jiménez Fernández, Oscar García Barradas & Rosa I. Ortiz Basurto</i>
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IIIP4V	“MORPHOSTRUCTURAL CHARACTERIZATION OF <i>Saccharomyces boulardii</i> AGAVINS/WHEY PROTEIN BEADS OBTAINED BY IONIC GELATION” <i>María Sady Chávez-Falcón, Carolina Buitrago-Arias, Sandra Victoria Avila-Reyes, Roberto Campos-Mendiola, Brenda Hildeliza Camacho-Díaz, Antonio Ruperto Jiménez-Aparicio</i>

IV Sustainable and integral exploitation of Agaves and sub products

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IVP2P	“LIMITATIONS AND PERSPECTIVES OF IXTLE ADDED VALUE CHAINS” <i>Evelyn Cázares Jiménez & Gustavo Viniestra González.</i>
IVP3P	“PRODUCTION OF FORAGE FROM LEAVES OF THREE AGAVE SPECIES IN A SEMIARID REGION OF NORTHERN GUANAJUATO” <i>Juan Teodomiro Frías Hernández, Ronnie Cummins & José Ignacio del Real Laborde.</i>
IVP4P	“PROTOTIPO COMERCIAL DE MEMBRANA BIOPOLIMÉRICA DE RESIDUOS DE LA AGROINDUSTRIA MEZCALERA PARA USO DÉRMICO” <i>Tania Indira Portillo Ayala, María del Pilar Buera, Argelia López Bonilla, Luz Arcelia García Serrano & Brenda Hildeliza Camacho Díaz.</i>

IVP5P	<p>“AGAVE SALMIANA SILAGE METAGENOMICS CHALLENGES EXTRACTING HIGH-QUALITY DNA FROM A COMPLEX MATRIX”</p> <p><i>Fred E. Hernández Perea, Eneas Aguirre Von Wobeser & Mayra de la Torre.</i></p>
IVP1V	<p>“EXTRACTION AND CHARACTERIZATION OF CELLULOSE FROM AGAVE BAGASSE”</p> <p><i>Miguel Angel Lorenzo Santiago, Jacobo Rodríguez Campos, Silvia Maribel & Contreras Ramos.</i></p>
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IVP4V	<p>“CHARACTERIZATION OF THE PRODUCTS OBTAINED FROM THE PIROLYSIS OF AGAVE CUPREATA BAGASSE”</p> <p><i>Gonzalo Canche Escamilla, Natalia Uc León & Santiago Duarte Aranda.</i></p>
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IVP7V	<p>“COMPARATIVE LANDSCAPE ANALYSIS OF A TRADITIONAL AGAVE SYSTEM (METEPANTLE) vs. MONOCULTURE AGAVE SYSTEM”</p> <p><i>Gilberto Hernández Cárdenas, Daniela Aguiña Islas & Gustavo Viniegra González.</i></p>
V Industrial Social, normative and ethnobotanic aspects	
ID	TITLE
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VP3P	<p>“THE EXCLUDING CHARACTER OF THE BACANORA APPELLATION OF ORIGIN CERTIFICATION AND ITS IMPACT ON THE COMMERCIAL NETWORK TOPOLOGY”</p> <p><i>Vianey del Rio Guerra, Gustavo Viniegra González, Luis Alberto Cira Chávez, Sergio de los Santos Villalobos & María Isabel Estrada Alvarado.</i></p>
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