

Spanish White Biotech Pipeline

Products Process and Technology

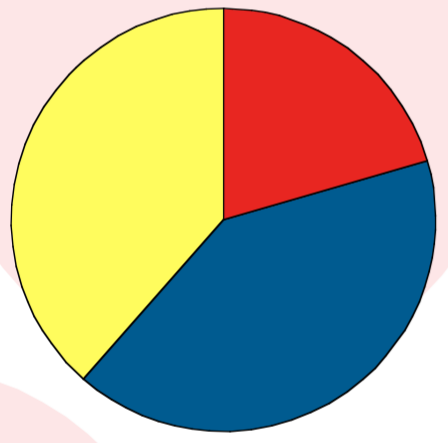
Company	Code	Type*	Indication	Basic R+D	Applied R+D	Industrial Scale up**	Available	Technology transfer in process	Patent
3P BIOPHARMACEUTICALS	3P-Protexp	T	Protein expression systems	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Product	T	Production of Recombinant Proteins	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Fermen	T	Bacterial , fungi and yeasts fermentation	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Mammal	T	Manufacture and purification of proteins from mammalian cells	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-MCB/WCB	Ps	Creation and qualification of cell banks: MCB and WCB	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-GMP	Ps	Culture and maintenance of bank cells under GMP conditions	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-MAL	Ps	Production of monoclonal antibodies	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Hor	Ps	Production of vaccines, growth hormones	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-BIO	Ps	Production of Biosimilars	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Hum	Ps	Human cells in culture	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Est	Ps	Stability studies of APIs (raw materials: pharmaceutical active ingredient)	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Anl	T	Analytical developments	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-Tech	T	Full process development and technology transfer	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-TC	T	Development of analytic methods for control in process and fina quality control	█	█	█	█	█	█
3P BIOPHARMACEUTICALS	3P-TG	T	Development and scaled of processes since the basic investigation until the drug arrive at the market	█	█	█	█	█	█
Biomedal	CASCADE	P	Bacterial expression system	█	█	█	█	█	█
Biomedal	LYTAG-2-PHASE	P	Protein separation and purification	█	█	█	█	█	█
BIOTMICROGEN	BMG - LFP	Ps	Lactic fermentation	█	█	█	█	█	█
BLACKBIO	Kit	P/T	Support micro-sequencing technology for use in personalized medicine and diagnostics	█	█	█	█	█	█
ENERGYGEN	ENG-C017	P	Methanogenic strain	█	█	█	█	█	█
ENERGYGEN	ENG - BGP	Ps	Biogas production	█	█	█	█	█	█
GP-PHARM		P/T	Micro nanospheres for release injectable products of peptide	█	█	█	█	█	█
GP-PHARM		P/T	Liposomes for release of injectable oncological products	█	█	█	█	█	█
Instituto Biomar	IB-Análisis	T	Determination of antibiotics in milk	█	█	█	█	█	█
IUCT	GC-Bio-CAT	P	Biocatalysts: Oxidases, Phosphorylase	█	█	█	█	█	█
IUCT	GC-Sol-S51	P	New solvent from renewable materials for synthesis of APIs	█	█	█	█	█	█
IUCT	GC-Bio-OA02	Ps	Biosynthesis of Exopolisacáridos	█	█	█	█	█	█
IUCT	GC-Sol-S77	P	New solvent from renewable materials from DMA	█	█	█	█	█	█
IUCT	GC-Bio-DTFF	P	Biosynthesis 2-deoxystriptomidina / Anticancer and Antiviral	█	█	█	█	█	█
IUCT	GC-Bio-DF	P	2-deoxy-5-fluorouridine / Anticancer / Colon & Pancreas	█	█	█	█	█	█
IUCT	GC-Bio-F	P	5-fluorouridine / Anticancer / Colon & breast	█	█	█	█	█	█
IUCT	GC-Bio-TFF	P	trifluorothymidine / Antiviral (Oftalmic) / Herpes Cornea	█	█	█	█	█	█
IUCT	GC-Bio-DAP	P	2,6-diaminopurine deoxiriboside / Anticancer	█	█	█	█	█	█
IUCT	GC-Bio-AP	P	2,6-diaminopurine riboside / Antiviral / Anticancer	█	█	█	█	█	█
IUCT	GC-Bio-SRC	T	Discovery/screening of new microorganism for biotransformations	█	█	█	█	█	█
Laboratorios LETI		Ps	Protein Purification	█	█	█	█	█	█
Laboratorios LETI		P	Production of protein extracts / allergens	█	█	█	█	█	█
NEURON BioIndustrial	MicroBioOil @	Ps	MicroBioOil @ (Biodiesel 2G production)	█	█	█	█	█	█
IUCT	GC-Bio-Can	Ps	Biotechnological synthesis of anticancer drugs	█	█	█	█	█	█
IUCT	GC-Bio-vir	Ps	Antiviral drug biobased synthesis	█	█	█	█	█	█
IUCT	GC-Bio-Che	T	Substitution of chemical processes for bioprocesses	█	█	█	█	█	█
IUCT	CG-Bio-MB	T	Molecular biology: genetically modified microorganism	█	█	█	█	█	█
SANIFIT	ASB-01	P	Treatment of dental calculus - Mouthwash	█	█	█	█	█	█
SANIFIT	ASB-01	P	Treatment of dental calculus - Gel	█	█	█	█	█	█
Biomedal	PROTEO-STAMP	Ps	Immobilization and shipment of fusion proteins	█	█	█	█	█	█
Biomedal	Y-CASCADE	T	Yeast expression system	█	█	█	█	█	█
Biomedal	ATENUATOR	T	Bacterial expression system	█	█	█	█	█	█
ARQUEBIO	B-MB-C	P	Modified biopolymers for cosmetic applications	█	█	█	█	█	█
SENSIA	Biosensor	P	Biomolecular interaction analysis and the presence of chemical compounds	█	█	█	█	█	█
BIONATURIS	FLYLIFE	Ps	CDMO, MVB, WSVB, upstream development, downstream development, analytical development, scale-up	█	█	█	█	█	█
CLEAN BIOTEC	Halodepur	Ps	Biodepuration process of hypersaline wastewater	█	█	█	█	█	█
Instituto Biomar	IB-Agricultura	P	Microbial Biopesticides	█	█	█	█	█	█
IUCT	GC-Bio-13P	P	biosynthesis of 1,3-propanodiol	█	█	█	█	█	█
MICROGENAMBIENTAL	MGA - PCS72	Ps	Process for the production of microdiesel	█	█	█	█	█	█
MICROGENAMBIENTAL	MGA - MDC72	P	New microdiesel producing strain.	█	█	█	█	█	█
MICROGENAMBIENTAL	MGA-MX-10	P	Consortium bacteria and microalgae for the treatment of olive mill washing water	█	█	█	█	█	█
MICROGENAMBIENTAL	MGA-PCS-10	Ps	Bio-process for the purification of water washing through photobioreactor mills	█	█	█	█	█	█
MICROGENAMBIENTAL	MGA-FB-10	P	Photo-bio-reactor for purification of olive mill washing water	█	█	█	█	█	█
NEOCODEX	NXCnu-1001	P	Neurology functional food implementation	█	█	█	█	█	█
IDEN BIOTECHNOLOGY	IB-PB	T	Technologies to improve crops	█	█	█	█	█	█
NEURON BioIndustrial	MICROBIOTOOLS®	T	MICROBIOTOOLS® (Biotransformation platform)	█	█	█	█	█	█
NEURON BioIndustrial	SCR-Mtb	T	Metabolite screening platform	█	█	█	█	█	█
BIOTMICROGEN	BMG - PC331	P	Probiotics strain with immunomodulation capacity	█	█	█	█	█	█
IUCT	GC-Car-S50	P	Second generation biodiesel	█	█	█	█	█	█
IUCT	GC-Sol-S75	P	New solvent from renewable materials for metal degreasing	█	█	█	█	█	█
ARQUEBIO	B-MB-pga	T	Poly-gamma glutamic acid microbial origin platform	█	█	█	█	█	█
ARQUEBIO	B-MB-ah	T	Hyaluronic acid microbial origin platform	█	█	█	█	█	█
CLEAN BIOTEC	Phytodesal	T	Soil desalination with salt phytoaccumulators	█	█	█	█	█	█
NEURON BioIndustrial	TriBioPlast @	Ps	Biopolymers production	█	█	█	█	█	█
IUCT	GC-Sol-S76	P	New solvent from renewable materials from Ac. Levulinico	█	█	█	█	█	█
IUCT	GC-Bio-LIP	P	Biocatalysts: Lipases	█	█	█	█	█	█
IUCT	GC-Bio-OA03	P	Exopolisacárido OA03	█	█	█	█	█	█
IMMUNOSTEP	IS-pat	T	Antibody binding microarray	█	█	█	█	█	█
Instituto Biomar	IB-Cosmética	P	Extract antifungal	█	█	█	█	█	█
ORYZON	ORYSAMF	T	Molecular screening technology for creating variety in plants / yeast	█	█	█	█	█	█
ORYZON	Tethys	T	Design and calculation of probes for genomic studies (microarrays)	█	█	█	█	█	█
ORYZON	Polyphebus	T	Processing of data from genomic studies	█	█	█	█	█	█
ORYZON	ORYZOMICS	T	Integrated platform from target discovery to drug development candidate	█	█	█	█	█	█
ARQUEBIO	C2B-MO-Aq	Ps	Microbial oxydation of natural origin anthraquinones	█	█	█	█	█	█
IUCT	GC-Bio-K3	P	Menadione (vitamin K3)	█	█	█	█	█	█
Instituto Biomar	IB-Enología	P	Production of O. oeni (malolactic fermentation)	█	█	█	█	█	█
Instituto Biomar	IB-Alimentación	P	Microbial preservative	█	█	█	█	█	█
Laimat Soluciones Científico Técnicas	SQ-NH	Ps	Antibiotics sensors, peptides, proteins	█	█	█	█	█	█
ARQUEBIO	C2B-MM-An	T	Anilin biosynthesis	█	█	█	█	█	█
ARQUEBIO	C2B-MM-Mn	T	Microbial oxydation of methyl naphthalenes	█	█	█	█	█	█
NEURON BioIndustrial	NST-Pkt	Ps	Biosynthesis of new poliketides derivatives	█	█	█	█	█	█
Instituto Biomar	IB-Acuicultura	T	Microbial control farms	█	█	█	█	█	█
CIBER-BBN	BBN-MOD-ANIM	T	Models in vitro and in vivo, for studies of diseases and treatments	█	█	█	█	█	█
CIBER-BBN	BBN-CARAC-TEJ	T	Determination of the mechanical properties and microstructure of biological tissues (ligaments and tendons, muscle, bone, cartilage, veins and arteries) and tissue scaffolds	█	█	█	█	█	█
CIBER-BBN	BBN-BIODISTR	T	Biodistribution in vivo of external agents (drugs, antibodies, nanoconjugates) in small laboratory animals	█	█	█	█	█	█
CIBER-BBN	BBN-BIOMARK	T	Biomarkers with direct clinical application	█	█	█	█	█	█
Instituto Biomar	IB-Biodiésel	Ps	Biodiesel Production	█	█	█	█	█	█
ARQUEBIO	C2B-MM-Tr	T	Microbial modification of triterpenes	█	█	█	█	█	█
IGEN BIOTECH	DNA kit	P	Kit quick obtaining DNA samples of limited cellularity	█	█	█	█	█	█
IDEN BIOTECHNOLOGY	IB-MB	T	Technologies to improve micro-organisms	█	█	█	█	█	█
A&B Laboratorios de Biotecnología	Bioclean	P	New enzymes and microorganisms for biodegrentes	█	█	█	█	█	█
ARQUEBIO	N4B-RP-AV	T	Recombinant proteins for drug delivery	█	█	█	█	█	█
CIBER-BBN	VPHTK	T	Interactive software tools for conducting clinical trials and in silico prototyping	█	█	█	█	█	█
CIBER-BBN	BBN-VAL-BIOMARK	T	Patterns to identify biomarkers and validation of new contrast agents for MRI diagnosis and prognosis	█	█	█	█	█	█
ARQUEBIO	N4B-CB-Api	T	Chemical bioconjugation of biopolymers with APIs	█	█	█	█	█	█
CIBER-BBN	BBN-AGN-CONTR	T	Contrast agents based on nanoparticles with magnetic and paramagnetic properties	█	█	█	█	█	█
CIBER-BBN	BBN-FUN-NP-BIOM	T	Getting new compounds (therapeutic nanoconjugates) with therapeutic activity and biocompatible and functionalized polymeric materials to produce therapeutic substitutes (mesh) and implants	█	█	█	█	█	█
CIBER-BBN		Ps	Process for obtaining metal nanoparticles	█	█	█	█	█	█
CIBER-BBN		P	Device for measuring permeability and tissue scaffolds deformed	█	█	█	█	█	█
CIBER-BBN	PIWASP	Ps	Procedure for obtaining solid micro- or nanoparticles	█	█	█	█	█	█
CIBER-BBN		P	Ter-magnetic applicator device for electrical conduction processes Altered Central Nervous System Inflammation	█	█	█	█	█	█
CIBER-BBN		Ps	Magnetic-luminescent nanoparticles for biomedical applications	█	█	█	█	█	█
CIBER-BBN		T	Histological method optimized for the preservation of epitopes and cellular architecture of vertebrate tissues	█	█	█	█	█	█

(*) P= Product Ps= Process T= Technology (**) Only available in case that type is Products or Services

asebio

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PRODUCTS, PROCESS AND TECHNOLOGY



TECHNOLOGY41%
 PRODUCTS36%
 PROCESS23%

asebio

Asociación Española de Bioempresas.
 Plataforma de encuentro del sector biotecnológico español.

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ASEBIO, la Asociación Española de Bioempresas, está compuesta más de 160 empresas, asociaciones, fundaciones, universidades, centros tecnológicos y de investigación que realizan actividades directas o indirectamente relacionadas con la Biotecnología. El amplio número de colaboradores hace de ASEBIO la plataforma de encuentro más adecuada para hacer frente a los desafíos del desarrollo del sector en España.

Existen alrededor de 300 empresas que investigan y desarrollan productos en el sector de la biotecnología española.

