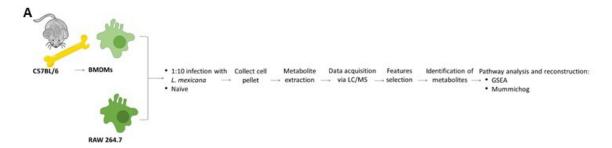
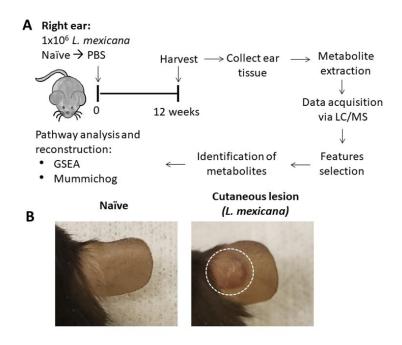
## Leishmania mexicana Promotes Pain-reducing Metabolomic Reprogramming In Cutaneous Lesions

## In vitro study design:



## In vivo study design:



## Sample table:

Sample ID	Experimental Variable / Factor	Mass Spec Mode	File name
RAW-	Cell pellet derived from RAW 264.7	Positive	RAW_Macrophages_Pe
L1_Cell_1	infected with L. mexicana. Biological		llett
RAW-	replicate 1, technical replicates 1-2-		
L1_Cell_2	3.		
RAW-			
L1_Cell_3			
RAW-	Cell pellet derived from RAW 264.7	Positive	RAW_Macrophages_Pe
L2_Cell_1	infected with L. mexicana. Biological		llett

RAW-	raplicate 2 tachnical raplicates 4.2		-
	replicate 2, technical replicates 1-2-		
L2_Cell_2	3.		
RAW-			
L2_Cell_3			
RAW-	Cell pellet derived from RAW 264.7	Positive	RAW_Macrophages_Pe
L3_Cell_1	infected with L. mexicana. Biological		llett
RAW-	replicate 3, technical replicates 1-2-		
L3_Cell_2	3.		
RAW-			
L3_Cell_3			
RAW-	Cell pellet derived from naïve RAW	Positive	RAW_Macrophages_Pe
N_Cell_1	264.7. Technical replicates 1-2-3.		llett
RAW-	20 mm rediminar replicates 1 2 or		
N_Cell_2			
RAW-			
N_Cell_3	Company of the many of the DAADAA	Decitive was als 0	DNADNACH Des Cerris
BMDMSup-	Supernatant from naïve BMDMs.	Positive mode &	BMDMSup_Pos_Comp
Control1_1	Biological replicate 1, technical	Negative mode	oundAbundances &
BMDMSup-	replicates 1-2-3.		BMDMSup_Neg_Comp
Control1_2			oundAbundances
BMDMSup-			
Control1_3			
BMDMSup-	Supernatant from naïve BMDMs.	Positive mode &	BMDMSup_Pos_Comp
Control2_1	Biological replicate 2, technical	Negative mode	oundAbundances &
BMDMSup-	replicates 1-2-3.		BMDMSup_Neg_Comp
Control2_2	•		oundAbundances
BMDMSup-			
Control2_3			
BMDMSup-	Supernatant from naïve BMDMs.	Positive mode &	BMDMSup_Pos_Comp
Control3 1	Biological replicate 3, technical	Negative mode	oundAbundances &
BMDMSup-	replicates 1-2-3.	Negative mode	BMDMSup Neg Comp
•	replicates 1-2-3.		
Control3_2			oundAbundances
BMDMSup-			
Control3_3			
BMDMSup-	Supernatant from BMDMs infected	Positive mode &	BMDMSup_Pos_Comp
LMex1_1	with L. mexicana. Biological replicate	Negative mode	oundAbundances &
BMDMSup-	1, technical replicates 1-2-3.		BMDMSup_Neg_Comp
LMex1_2			oundAbundances
BMDMSup-			
LMex1_3			
BMDMSup-	Supernatant from BMDMs infected	Positive mode &	BMDMSup_Pos_Comp
LMex2_1	with L. mexicana. Biological replicate	Negative mode	oundAbundances &
BMDMSup-	2, technical replicates 1-2-3.		BMDMSup_Neg_Comp
LMex2_2	,		oundAbundances
BMDMSup-			23.13.13.13.13.13.13.13.13.13.13.13.13.13
LMex2_3			
LIVIEAZ_3			

			T
BMDMSup-	Supernatant from BMDMs infected	Positive mode &	BMDMSup_Pos_Comp
LMex3_1	with L. mexicana. Biological replicate	Negative mode	oundAbundances &
BMDMSup-	3, technical replicates 1-2-3.		BMDMSup_Neg_Comp
LMex3_2			oundAbundances
BMDMSup-			
LMex3_3			
BMDMPellet-	Cell pellet from naïve BMDMs.	Positive	BMDM_Pellet_pos-
Control1_1	Biological replicate 1, technical		Abundances-with-top-
BMDMPellet-	replicates 1-2-3.		ID .
Control1 2	•		
BMDMPellet-			
Control1_3			
BMDMPellet-	Cell pellet from naïve BMDMs.	Positive	BMDM_Pellet_pos-
Control2_1	Biological replicate 2, technical	1 0311140	Abundances-with-top-
BMDMPellet-	replicates 1-2-3.		ID
Control2_2	Γερπεαίες 1-2-5.		
BMDMPellet-			
Control2_3	Call mallet frame mail := DNADNA-	Decitive	DMDM Dellat area
BMDMPellet-	Cell pellet from naïve BMDMs.	Positive	BMDM_Pellet_pos-
Control3_1	Biological replicate 3, technical		Abundances-with-top-
BMDMPellet-	replicates 1-2-3.		ID
Control3_2			
BMDMPellet-			
Control3_3			
BMDMPellet-	Cell pellet from BMDMs infected	Positive	BMDM_Pellet_pos-
LMex1_1	with L. mexicana. Biological replicate		Abundances-with-top-
BMDMPellet-	1, technical replicates 1-2-3.		ID
LMex1_2			
BMDMPellet-			
LMex1_3			
BMDMPellet-	Cell pellet from BMDMs infected	Positive	BMDM_Pellet_pos-
LMex2_1	with L. mexicana. Biological replicate		Abundances-with-top-
BMDMPellet-	2, technical replicates 1-2-3.		ID
LMex2 2	•		
BMDMPellet-			
LMex2_3			
BMDMPellet-	Cell pellet from BMDMs infected	Positive	BMDM_Pellet_pos-
LMex3 1	with L. mexicana. Biological replicate		Abundances-with-top-
BMDMPellet-	3, technical replicates 1-2-3.		ID
LMex3 2	2, 123		
BMDMPellet-			
LMex3_3			
VolpedoTissue	Tissue from the ear of a naïve	Positive	Volpedo_Compound_A
_Pos_N1_1	mouse. Biological replicate 1,	1 OSILIVE	bundances_Ear_Tissue
VolpedoTissue	technical replicates 1-2-3.		_Standard_Runs &
_Pos_N1_2	technical replicates 1-2-3.		Volpedo_Compound_A
_FUS_INI_Z			
			bundance_Ear_Tissue

VolpedoTissue			
_Pos_N1_3	Tissue from the ear of a name	Docitive	Volnodo Compound A
VolpedoTissue Pos N2 1	Tissue from the ear of a naïve	Positive	Volpedo_Compound_A
	mouse. Biological replicate 2,		bundances_Ear_Tissue
VolpedoTissue	technical replicates 1-2-3.		_Standard_Runs &
_Pos_N2_2			Volpedo_Compound_A
VolpedoTissue			bundance_Ear_Tissue
_Pos_N2_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Positive	Volpedo_Compound_A
_Pos_lpsi1_1	L. mexicana-infected mouse.		bundances_Ear_Tissue
VolpedoTissue	Biological replicate 1, technical		_Standard_Runs &
_Pos_lpsi1_2	replicates 1-2-3.		Volpedo_Compound_A
VolpedoTissue			bundance_Ear_Tissue
_Pos_lpsi1_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Positive	Volpedo_Compound_A
_Pos_Ipsi2_1	L. mexicana-infected mouse.		bundances_Ear_Tissue
VolpedoTissue	Biological replicate 2, technical		_Standard_Runs &
_Pos_lpsi2_2	replicates 1-2-3.		Volpedo_Compound_A
VolpedoTissue			bundance_Ear_Tissue
_Pos_lpsi2_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Positive	Volpedo_Compound_A
_Pos_lpsi3_1	L. mexicana-infected mouse.		bundances_Ear_Tissue
VolpedoTissue	Biological replicate 3, technical		_Standard_Runs &
_Pos_lpsi3_2	replicates 1-2-3.		Volpedo_Compound_A
VolpedoTissue			bundance_Ear_Tissue
_Pos_lpsi3_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Positive	Volpedo_Compound_A
_Pos_lpsi4_1	L. mexicana-infected mouse.		bundances_Ear_Tissue
VolpedoTissue	Biological replicate 4, technical		 _Standard_Runs &
Pos_lpsi4_2	replicates 1-2-3.		Volpedo_Compound_A
VolpedoTissue			bundance_Ear_Tissue
_Pos_lpsi4_3			
Naïve-Sample	Tissue from the ear of a naïve	Positive	EarPos_All_Abundance
1_1	mouse. Biological replicate 1,	. 03.6.70	_File
Naïve-Sample	technical replicates 1-2-3.		
1_2	teermearrepheates 1 2 3.		
Naïve-Sample			
1_3			
Naïve-Sample	Tissue from the ear of a naïve	Positive	EarPos_All_Abundance
	mouse. Biological replicate 2,	1 USILIVE	
6_1 Naïve-Sample	technical replicates 1-2-3.		_File
•	technical replicates 1-2-3.		
6_2			
Naïve-Sample			
6_3	Tissue from the insilatoral const	Docitive	ForDoc All Abundance
WT Ipsi-	Tissue from the ipsilateral ear of a	Positive	EarPos_All_Abundance
Sample 2_1	mouse infected with L. mexicana.		_File

F			
WT Ipsi-	Biological replicate 1, technical		
Sample 2_2	replicates 1-2-3.		
WT Ipsi-			
Sample 2_3			
WT Ipsi-	Tissue from the ipsilateral ear of a	Positive	EarPos_All_Abundance
Sample 7_1	mouse infected with L. mexicana.		_File
WT Ipsi-	Biological replicate 2, technical		
Sample 7_2	replicates 1-2-3.		
WT Ipsi-	·		
Sample 7_3			
WT Ipsi-	Tissue from the ipsilateral ear of a	Positive	EarPos_All_Abundance
Sample 11_1	mouse infected with L. mexicana.		_File
WT Ipsi-	Biological replicate 3, technical		
Sample 11_2	replicates 1-2-3.		
WT Ipsi-	replicates 1 2 3.		
Sample 11_3			
<del></del>	Tissue from the ear of a naïve	Nogative	Tissue CompoundAh
VolpedoTissue		Negative	Tissue_CompoundAbu
_Neg_N1_1	mouse. Biological replicate 1,		ndances_Neg_Nvsl_0p
VolpedoTissue	technical replicates 1-2-3.		05pvalue
_Neg _N1_2			
VolpedoTissue			
_Neg _N1_3			
VolpedoTissue	Tissue from the ear of a naïve	Negative	Tissue_CompoundAbu
_Neg _N2_1	mouse. Biological replicate 2,		ndances_Neg_Nvsl_0p
VolpedoTissue	technical replicates 1-2-3.		05pvalue
_Neg _N2_2			
VolpedoTissue			
_Neg _N2_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Negative	Tissue_CompoundAbu
_Neg _lpsi1_1	L. mexicana-infected mouse.		ndances_Neg_Nvsl_0p
VolpedoTissue	Biological replicate 1, technical		05pvalue
_Neg _lpsi1_2	replicates 1-2-3.		
VolpedoTissue	·		
_Neg _lpsi1_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Negative	Tissue_CompoundAbu
_Neg _lpsi2_1	L. mexicana-infected mouse.		ndances_Neg_Nvsl_0p
VolpedoTissue	Biological replicate 2, technical		05pvalue
_Neg _lpsi2_2	replicates 1-2-3.		0000000
VolpedoTissue			
_Neg _lpsi2_3			
VolpedoTissue	Tissue from the ipsilateral ear of an	Negative	Tissue_CompoundAbu
_Neg _lpsi3_1	L. mexicana-infected mouse.	INCEGUIVE	ndances_Neg_Nvsl_Op
VolpedoTissue	Biological replicate 3, technical		05pvalue
1			OSpvalue
_Neg _lpsi3_2	replicates 1-2-3.		
VolpedoTissue			
_Neg _lpsi3_3			

VolpedoTissue	Tissue from the ipsilateral ear of an	Negative	Tissue_CompoundAbu
_Neg _lpsi4_1	L. mexicana-infected mouse.		ndances_Neg_Nvsl_0p
VolpedoTissue	Biological replicate 4, technical		05pvalue
_Neg _lpsi4_2	replicates 1-2-3.		
VolpedoTissue			
_Neg _lpsi4_3			