

Supplementary Material: Table S1 and S2

- Table S1: Epidemiological characteristics of 32 children with DILI and 66 children without DILI: sex, age, race. Diagnosis, drug treatment and RUMCAM score of children with DILI reported for the time of sample analysis.

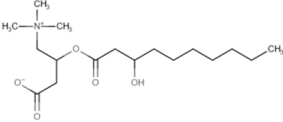
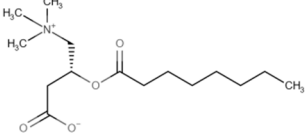
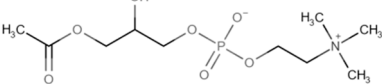
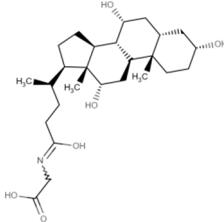
SEX	AGE (years)	RACE	DILI/ Without DILI	DIAGNOSIS	DRUG	RUCAM SCORE
Male	5	Caucasian	DILI	Fever	Ibuprofen	9
Female	1	Caucasian	DILI	Pneumococcal meningitis	Rifampicin	7
Female	2	Caucasian	DILI	Systemic inflammatory response syndrome	Meropenem	7
Female	2	Caucasian	DILI	Sepsis	Meropenem	6
Female	3	Caucasian	DILI	Reunatoid arthritis	Methotrexate	5
Male	1	Caucasian	DILI	Tachyarrhythmia	Amiodarone	8
Male	1	Caucasian	DILI	Cardiomyopathy	Propranolol	7
Male	0,5	Caucasian	DILI	Sepsis	Meropenem	6
Male	1	Caucasian	DILI	Sepsis	Meropenem	4
Female	1	Caucasian	DILI	Pneumonia (Candida)	Voriconazole	7
Female	3	Caucasian	DILI	Seizures	Zonisamide	8
Female	3	Caucasian	DILI	Sepsis (Candida)	Voriconazole	6
Male	5	Caucasian	DILI	Sepsis (S.aureus)	Cloxacillin	7
Female	10	Caucasian	DILI	Tonsillitis	Amoxicillin	7
Male	15	Caucasian	DILI	Ataxia-teleangiectasia	Cotrimoxazole	6
Female	14	Caucasian	DILI	Encephalitis	Acyclovir	5
Female	5	Caucasian	DILI	Pulmonary tuberculosis	Isoniacid	8
Female	3	Caucasian	DILI	Hip synovitis	Ibuprofen	6
Female	3	Caucasian	DILI	Hip synovitis	Ibuprofen	5
Female	1,5	Caucasian	DILI	Juvenile idiopathic arthritis	Methotrexate	4
Male	5	Caucasian	DILI	Respiratory infection	Amoxicillin-clavulanic acid	6
Male	9	Caucasian	DILI	Bronchitis	Amoxicillin-clavulanic acid	7
Female	1	Caucasian	DILI	Respiratory infection	Amoxicillin-clavulanic acid	5
Male	0,5	Caucasian	DILI	Respiratory infection	Amoxicillin-clavulanic acid	4
Male	1	Caucasian	DILI	Pultaceous tonsillitis	Amoxicillin-clavulanic acid	5
Male	14	Caucasian	DILI	Tonsillitis	Amoxicillin-clavulanic acid	7
Male	5	Caucasian	DILI	Mastoiditis	Amoxicillin-clavulanic acid	6
Male	0,5	Caucasian	DILI	Respiratory infection	Amoxicillin-clavulanic acid	5
Male	10	Caucasian	DILI	Respiratory infection	Amoxicillin-clavulanic acid	5
Male	3,5	Caucasian	DILI	Vomiting	Green anise	6
Male	4	Caucasian	DILI	Vomiting	Green anise	8
Male	0,2	Caucasian	DILI	Aerocolia	Horsetail (Equisetum)	4
Female	5	Caucasian	Without DILI	NA	NA	NA
Female	3	Caucasian	Without DILI	NA	NA	NA
Male	5	Caucasian	Without DILI	NA	NA	NA
Female	6	Caucasian	Without DILI	NA	NA	NA
Female	6	Caucasian	Without DILI	NA	NA	NA

SEX	AGE (years)	RACE	DILI/ Without DILI	DIAGNOSIS	DRUG	RUCAM SCORE
Female	8	Caucasian	Without DILI	NA	NA	NA
Male	9	African	Without DILI	NA	NA	NA
Male	4	Caucasian	Without DILI	NA	NA	NA
Male	4	Caucasian	Without DILI	NA	NA	NA
Female	3	Caucasian	Without DILI	NA	NA	NA
Female	0,5	Caucasian	Without DILI	NA	NA	NA
Male	1	Caucasian	Without DILI	NA	NA	NA
Male	2	Caucasian	Without DILI	NA	NA	NA
Female	1	African	Without DILI	NA	NA	NA
Male	1	Caucasian	Without DILI	NA	NA	NA
Female	5	Caucasian	Without DILI	NA	NA	NA
Male	4	Caucasian	Without DILI	NA	NA	NA
Male	2	Caucasian	Without DILI	NA	NA	NA
Male	3	Caucasian	Without DILI	NA	NA	NA
Male	2	Caucasian	Without DILI	NA	NA	NA
Male	7	Caucasian	Without DILI	NA	NA	NA
Female	5	Caucasian	Without DILI	NA	NA	NA
Female	9	Caucasian	Without DILI	NA	NA	NA
Male	12	Caucasian	Without DILI	NA	NA	NA
Female	3	Caucasian	Without DILI	NA	NA	NA
Male	2	Caucasian	Without DILI	NA	NA	NA
Male	13	Caucasian	Without DILI	NA	NA	NA
Male	11	Caucasian	Without DILI	NA	NA	NA
Male	3	African	Without DILI	NA	NA	NA
Male	2	Caucasian	Without DILI	NA	NA	NA
Female	4	Caucasian	Without DILI	NA	NA	NA
Male	5	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Male	1	Caucasian	Without DILI	NA	NA	NA
Female	7	Caucasian	Without DILI	NA	NA	NA
Male	8	Caucasian	Without DILI	NA	NA	NA
Male	10	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Male	1	Caucasian	Without DILI	NA	NA	NA
Female	3	Caucasian	Without DILI	NA	NA	NA
Male	1	Caucasian	Without DILI	NA	NA	NA
Male	2	Caucasian	Without DILI	NA	NA	NA
Male	4	Caucasian	Without DILI	NA	NA	NA
Male	4	Caucasian	Without DILI	NA	NA	NA
Male	5	Caucasian	Without DILI	NA	NA	NA
SEX	AGE (years)	RACE	DILI/ Without DILI	DIAGNOSIS	DRUG	RUCAM SCORE

Male	6	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Male	6	Caucasian	Without DILI	NA	NA	NA
Male	10	African	Without DILI	NA	NA	NA
Male	12	Caucasian	Without DILI	NA	NA	NA
Female	13	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Female	1	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Female	1	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Female	4	Caucasian	Without DILI	NA	NA	NA
Male	3	Caucasian	Without DILI	NA	NA	NA
Male	6	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Female	4	African	Without DILI	NA	NA	NA
Male	3	Caucasian	Without DILI	NA	NA	NA
Male	6	Caucasian	Without DILI	NA	NA	NA
Male	7	Caucasian	Without DILI	NA	NA	NA
Female	2	Caucasian	Without DILI	NA	NA	NA
Female	1	Caucasian	Without DILI	NA	NA	NA

Abbreviations: NA = Not aplicable.

Table S2.- Chemical structure of the main metabolites identified in DILI samples patients.

Metabolite	Chemical structure
Hydroxydecanoylcarnitine	
Octanoylcarnitine	
Lysophosphatidylcholine	
Glycocholic acid	
Taurocholic acid	