

Supplementary Online Material

TENASCIN-X IN AMNIOTIC FLUID AND REPRODUCTIVE TISSUE OF PREGNANCIES COMPLICATED BY INFECTION AND PRETERM PRELABOR RUPTURE OF MEMBRANES

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Supplementary Data

Table S1. Primary antibodies.

Table S2. Demographic clinical and outcome characteristics of the women who provided amniotic fluid samples for tenascin-X (n=334).

Figure S1. Flow diagram describing study groups, the number of samples and type of tissues used in this study.

This supplementary material has been provided by the authors to give readers additional information about their work.

Table S1. Primary antibodies.

Protein Target	Host	Vendor	Catalog #	RRID	Clonality	Dilution	Usage
tenascin-X	sheep	R&D Systems	AF6999	AB_10971774	polyclonal antibody	1:50	IHC
tenascin-X	sheep	R&D Systems	AF6999	AB_10971774	polyclonal antibody	1:200	Western blot
CD45	rabbit	Abcam	ab10558	AB_442810	polyclonal antibody	1:500	IHC

Abbreviation: IHC, immunohistochemistry

Table S2. Demographic clinical and outcome characteristics of the women who provided amniotic fluid samples for tenascin-X (n=334)

Variable	2nd trimester genetic amniocenteses n=34	3rd trimester lung maturity amniocenteses n=31	Rule-out infection amniocenteses n=269	P value
<i>Characteristics at amniocentesis</i>				
Maternal age, years †	34 [30 – 39]	30 [26 – 34]	27 [22 – 33]	<0.001
Parity †	0 [0 – 1]	1 [0 – 2]	1 [0 – 1]	0.018
Gravidity †	2 [1 – 3]	3 [2 – 4]	2 [1 – 4]	0.384
GA, weeks †	19 [17 – 20]	36 [35 – 37]	27 [24 – 31]	<0.001
Uterine contractions ‡	0 (0)	0 (0)	127 (50)	<0.001
Cervical dilatation >3 cm ‡	0 (0)	0 (0)	46 (18)	0.007
PPROM ‡	0 (0)	0 (0)	98 (36)	<0.001
Clinical chorioamnionitis ‡	0 (0)	0 (0)	19 (7)	0.153
<i>Outcome characteristics</i>				
Term delivery (≥37 weeks) ‡	23 (100)	13 (52)	43 (17)	<0.001
Preterm birth at <34 weeks ‡	0 (0)	0 (0)	204 (78)	<0.001
GA at delivery, weeks †	39 [39 – 41]	37 [36 – 37]	31 [26 – 33]	<0.001
Amniocentesis-delivery time, days †	144 [137 – 156]	2 [1 – 8]	2 [0 – 16]	<0.001

† Data presented as median [interquartile range] and analyzed by Kruskal-Wallis ANOVA on Ranks.

‡ Data presented as n (%) and analyzed by Chi square tests.

Abbreviations: PPRM, preterm premature rupture of membrane; GA, gestational age

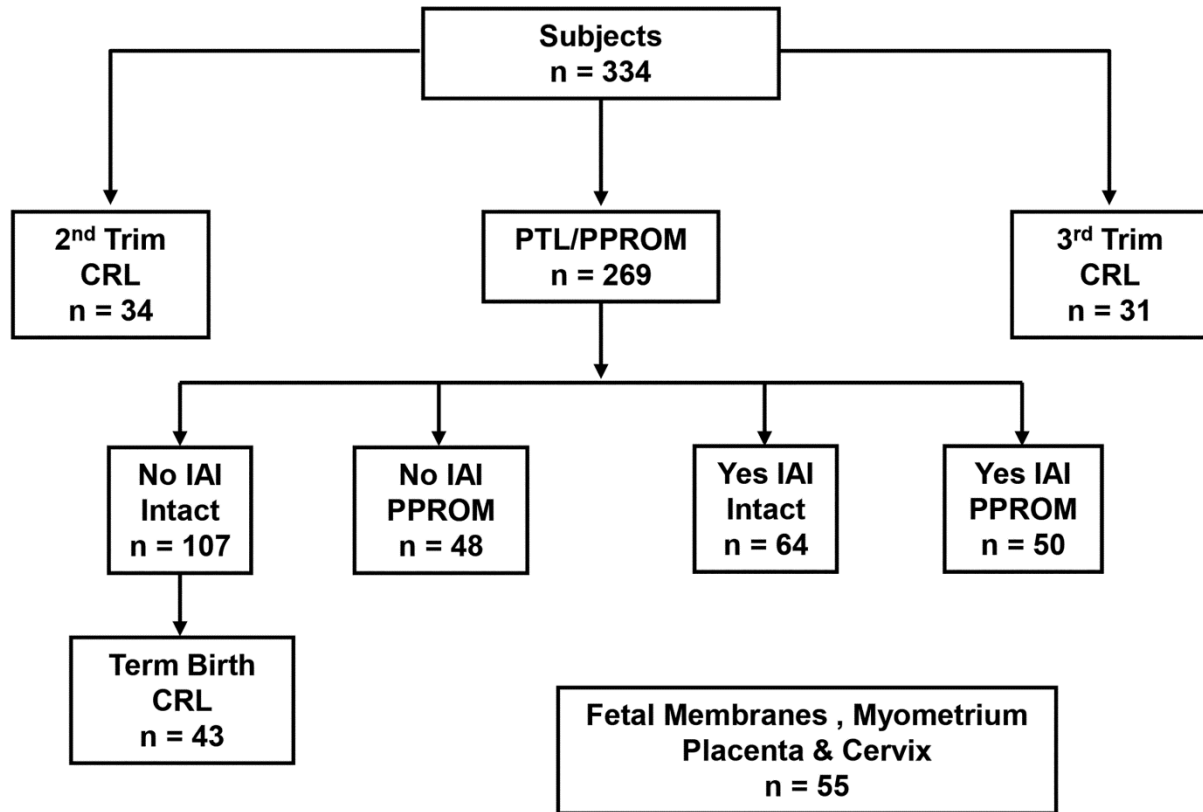


Figure S1. Flow diagram describing study groups, the number of samples and type of tissues used in this study. Trim, trimester; CRL, control; PTL, preterm labor; PPROM, preterm prelabor rupture of membranes; IAI, intra-amniotic infection/inflammation.