HOKKAIDO UNIVERSITY

Title	Chemotherapy-Induced IL34 Enhances Immunosuppression by Tumor-Associated Macrophages and Mediates Survival of Chemoresistant Lung Cancer Cells
Author(s)	Baghdadi, Muhammad; Wada, Haruka; Nakanishi, Sayaka et al.
Citation	Cancer research, 76(20), 6030-6042 https://doi.org/10.1158/0008-5472.CAN-16-1170
Issue Date	2016-10
Doc URL	https://hdl.handle.net/2115/67225
Type	journal article
File Information	Supplementary_tables.pdf, Supplemental tables

Hokkaido University Collection of Scholarly and Academic Papers : HUSCAP

Supplemental table S1

Correlation between IL-34 expression and clinic-pathological characteristics in lung cancer patients

	Total	High IL-34 expression	Weak IL-34 expression	Absent IL-34 expression	P-value High vs Weak/Absent
	n = 332	n = 83	n = 79	n = 170	
Gender					
Male	181	48	44	89	0.5257
Female	151	35	35	81	
Age (years)					
< 65	143	38	32	73	0.6094
65=<	189	45	47	97	
Histology					
ADC	277	65	70	141	
SCC	32	10	7	15	0.1148**
LCC	5	2	1	2	
Others	18	5	1	12	
pT					
T1	176	35	42	99	0.0305*
T2-T3	156	48	37	71	
pN					
N0	227	58	68	151	0.0003*
N1+N2	55	25	11	19	
Smoking status					
Never smoker	138	32	35	71	
Ex smoker	157	42	40	75	0.6064***
Current smoker	35	8	4	23	
unknown	2	1	0	1	

*P < 0.05 (Fisher's exact test)

** ADC vs. non-ADC

***Never vs. Ex or Current smoker

Supplemental table S2

Cox's proportional hazards model analysis of prognostic factors for OS in NSCLC patients

Variables	Hazards ratio	95% CI	Unfavorable/Favorable	P-value
Univariate analysis				
High IL-34 expression	**1.862**	**1.058-3.275**	**High vs weak/absent**	**0.0310***
Age (years)	**1.624**	**0.910-2.899**	**>=65 / < 65**	**0.1010**
Gender	**1.539**	**0.875-2.706**	**Male / Female**	**0.1346**
Histology	**3.014**	**1.671-5.436**	**non-ADC / ADC**	**0.0002* #**
T-factor	**2.834**	**1.572-5.109**	**T2-3 / T10**	**0.0005***
N-factor	**3.670**	**2.097-6.422**	**N1-2 / N0**	**<0.0001***
Smoking status	**1.321**	**0.751-2.323**	**Ex or Current/Never**	**0.3342**
Multivariate analysis				
High IL-34 expression	**1.205**	**0.665-2.185**	**High vs weak/absent**	**0.5388**
Histology	**2.457**	**1.346-4.487**	**non-ADC / ADC**	**0.0034* #**
T-factor	**2.085**	**1.137-3.825**	**T2-3 / T10**	**0.0176***
N-factor	**2.964**	**1.643-5.347**	**N1-2 / N0**	**0.0003***

***P* < 0.05**

 # non-ADC vs. ADC