Table S1. Characteristics of malnourished population by GLIM criteria in obstructive diseases.

	Obstructive Diseases (N = 483)		
	Malnourished	**Not Malnourished**	*p*
N	223	260	
Age	55.6 (7.4)	56.7 (7.3)	<0.05
Male/Female	68.2% / 31.8%	82.3% / 17.7%	<0.001
FEV1 (%)	25.7 (12.6)	24.4 (10.0)	NS
TLC (%)	125.3 (39.7)	119.9 (31.8)	NS
pCO2 (mmHg)	47.5 (9.4)	47.0 (8.0)	NS
WL 6 months (yes)	43.5%	8.0%	<0.001
WL 6 months (kg)	4.7 (3.2)	2.1 (0.8)	<0.001
WL 6 months (%)	7.6 (4.5)	3.0 (1.0)	<0.001
Oral nutritional supplements (yes)	11.7%	2.0%	<0.001
Weight (kg)	58.3 (10.5)	75.9 (12.1)	<0.001
BMI (kg/m²)	21.0 (3.0)	27.0 (3.4)	<0.001
TSF (mm)	12.9 (6.4)	15.0 (6.0)	<0.001
SSF (mm)	12.8 (5.7)	18.7 (5.4)	<0.001
AC (cm)	25.7 (3.0)	30.3 (2.8)	<0.001
MAMC (cm)	21.6 (2.4)	25.6 (2.2)	<0.001
FM (kg)	13.6 (6.8)	22.6 (7.7)	<0.001
FFM (kg)	44.8 (7.6)	53.6 (8.2)	<0.001
Albumin (g/dL)	4.0 (0.4)	4.1 (0.4)	NS
Prealbumin (mg/dL)	23.4 (6.2)	23.8 (5.3)	NS
Cholesterol (mg/dL)	198.6 (43.5)	198.8 (38.1)	NS
HDL-cholesterol (mg/dL)	54.4 (16.4)	49.9 (18.2)	<0.001
LDL-cholesterol (mg/dL)	122.2 (38.6)	124.1 (33.2)	NS
Triglycerides (mg/dL)	105.1 (44.1)	122.7 (57.6)	<0.001
CRP (mg/L)	7.7 (18.7)	9.8 (19.3)	<0.01

FEV1, forced expiratory volume; TLC, total lung capacity; WL, unintentional weight loss; BMI, body mass index; TSF, triceps skinfold thickness; SSF, subscapular skinfold thickness; AC, arm circumference; MAMC, mid-arm muscle circumference; FM, fat mass; FFM, fat-free mass; CRP, C-reactive protein. Plus-minus values are means ± SD.

Table S2. Characteristics of malnourished population by GLIM criteria in interstitial lung diseases.

	Interstitial Lung Diseases (N = 388)		
	Malnourished	**Not Malnourished**	*p*
N	122	266	
Age	52.3 (11.5)	55.4 (8.5)	<0.05
Male/Female	66.4% / 33.6%	74.1% / 25.9%	NS
FEV1 (%)	41.8 (16.4)	49.5 (14.9)	NS
TLC (%)	48.8 (14.4)	59.8 (22.9)	NS
pCO2 (mmHg)	43.7 (7.5)	41.0 (5.1)	NS
WL 6 months (yes)	53.9%	8.4%	<0.001
WL 6 months (kg)	6.2 (3.7)	3.0 (1.4)	<0.001
WL 6 months (%)	8.5 (4.6)	3.4 (1.0)	<0.001
Oral nutritional supplements (yes)	11.0%	0.8%	<0.001
Weight (kg)	65.5 (13.5)	80.3 (12.2)	<0.001
BMI (kg/m²)	23.7 (4.1)	28.8 (3.5)	<0.001
TSF (mm)	15.8 (7.3)	17.6 (6.3)	<0.01
SSF (mm)	16.3 (7.2)	21.5 (6.5)	<0.001

AC (cm)	27.3 (3.7)	31.5 (2.9)	<0.001
MAMC (cm)	22.2 (3.1)	26.0 (2.4)	<0.001
FM (kg)	19.2 (9.2)	26.4 (8.0)	<0.001
FFM (kg)	46.1 (8.8)	54.2 (9.1)	<0.001
Albumin (g/dL)	3.9 (0.4)	4.0 (0.4)	NS
Prealbumin (mg/dL)	25.1 (8.6)	24.6 (6.0)	NS
Cholesterol (mg/dL)	198.8 (39.9)	201.1 (40.4)	NS
HDL-cholesterol (mg/dL)	49.0 (14.0)	46.4 (15.2)	<0.05
LDL-cholesterol (mg/dL)	125.6 (31.9)	126.7 (37.0)	NS
Triglycerides (mg/dL)	132.1 (63.6)	136.6 (56.9)	NS
CRP (mg/L)	12.2 (17.3)	8.3 (13.8)	NS

FEV1, forced expiratory volume; TLC, total lung capacity; WL, unintentional weight loss; BMI, body mass index; TSF, triceps skinfold thickness; SSF, subscapular skinfold thickness; AC, arm circumference; MAMC, mid-arm muscle circumference; FM, fat mass; FFM, fat-free mass; CRP, C-reactive protein. Plus-minus values are means ± SD.

Table S3. Characteristics of malnourished population by GLIM criteria in cystic fibrosis and non-cystic fibrosis bronchiectasis.

	CF/NCFB (N = 163)		
	Malnourished	**Not Malnourished**	*p*
N	137	26	
Age	28.4 (10.3)	40.50 (10.50)	<0.001
Male/Female	47.5% / 52.5%	65.4% / 34.6%	NS
FEV1 (%)	25.8 (10.1)	29.3 (7.2)	NS
TLC (%)	100.7 (19.7)	119.0 (7.8)	NS
pCO2 (mmHg)	47.1 (6.9)	43.7 (3.6)	NS
WL 6 months (yes)	48.8%	13.6%	<0.01
WL 6 months (kg)	4.6 (2.8)	1.5 (0.9)	<0.05
WL 6 months (%)	8.3 (4.9)	2.3 (1.5)	<0.05
Oral nutritional supplements (yes)	67.9%	20.0%	<0.001
Weight (kg)	51.1 (8.9)	73.7 (14.4)	<0.001
BMI (kg/m²)	19.0 (2.7)	25.8 (3.6)	<0.001
TSF (mm)	11.6 (6.3)	16.1 (5.9)	<0.01
SSF (mm)	9.8 (4.5)	18.0 (6.5)	<0.001
AC (cm)	23.1 (3.2)	30.4 (3.0)	<0.001
MAMC (cm)	19.5 (2.5)	25.3 (2.6)	<0.001
FM (kg)	9.4 (5.0)	21.4 (7.9)	<0.001
FFM (kg)	41.9 (8.3)	54.3 (9.2)	<0.001
Albumin (g/dL)	3.8 (0.5)	3.9 (0.6)	NS
Prealbumin (mg/dL)	17.4 (5.9)	21.0 (7.5)	<0.05
Cholesterol (mg/dL)	135.2 (43.1)	165.2 (35.8)	<0.001
HDL-cholesterol (mg/dL)	42.8 (15.9)	46.3 (15.0)	NS
LDL-cholesterol (mg/dL)	78.7 (32.6)	101.7 (25.8)	<0.001
Triglycerides (mg/dL)	84.4 (36.9)	82.0 (27.5)	NS
CRP (mg/L)	23.5 (29.9)	10.5 (9.6)	<0.05

CF, cystic fibrosis; NCFB, non-cystic fibrosis bronchiectasis; FEV1, forced expiratory volume; TLC, total lung capacity; WL, unintentional weight loss; BMI, body mass index; TSF, triceps skinfold thickness; SSF, subscapular skinfold thickness; AC, arm circumference; MAMC, mid-arm muscle circumference; FM, fat mass; FFM, fat-free mass; CRP, C-reactive protein. Plus-minus values are means ± SD.

Table S4. Characteristics of malnourished population by GLIM criteria in vascular diseases.

	Vascular Diseases (N = 26)		
	Malnourished	Not Malnourished	*p*
N	16	10	
Age	37.9 (11.8)	43.5 (9.7)	NS
Male/Female	37.5% / 62.5%	50.0% / 50.0%	NS
FEV1 (%)	98.0 (17.0)	69.9 (-)	NS
TLC (%)	98.0 (18.4)	-	-
pCO2 (mmHg)	30.5 (5.0)	-	-
WL 6 months (yes)	66.7%	0.0%	<0.05
WL 6 months (kg)	3.8 (2.8)	-	-
WL 6 months (%)	5.2 (4.0)	-	-
Oral nutritional supplements (yes)	6.3%	0.0%	NS
Weight (kg)	64.0 (15.2)	79.7 (11.0)	<0.01
BMI (kg/m²)	23.5 (5.5)	29.3 (3.0)	<0.01
TSF (mm)	16.3 (7.8)	18.9 (5.1)	NS
SSF (mm)	14.4 (8.7)	23.4 (5.8)	<0.01
AC (cm)	26.9 (6.4)	32.0 (3.2)	<0.01
MAMC (cm)	21.8 (5.3)	26.1 (3.0)	<0.05
FM (kg)	16.1 (9.1)	24.9 (7.7)	<0.05
FFM (kg)	46.1 (10.3)	54.9 (11.0)	NS
Albumin (g/dL)	4.1 (0.4)	4.0 (0.4)	NS
Prealbumin (mg/dL)	23.2 (5.9)	24.8 (5.6)	NS
Cholesterol (mg/dL)	145.7 (30.9)	208.5 (62.7)	<0.05
HDL-cholesterol (mg/dL)	36.2 (9.2)	38.2 (12.3)	NS
LDL-cholesterol (mg/dL)	86.4 (29.3)	142.2 (53.4)	<0.01
Triglycerides (mg/dL)	112.2 (47.5)	137.7 (40.1)	NS
CRP (mg/L)	5.6 (11.0)	4.4 (2.8)	NS

FEV1, forced expiratory volume; TLC, total lung capacity; WL, unintentional weight loss; BMI, body mass index; TSF, triceps skinfold thickness; SSF, subscapular skinfold thickness; AC, arm circumference; MAMC, mid-arm muscle circumference; FM, fat mass; FFM, fat-free mass; CRP, C-reactive protein. Plus-minus values are means ± SD.