Figure S1

Kaplan-Meier curves for the duration of OS according to the presence of CD8$^+$ T cells in the center of the tumor (CT) (a), in the invasive margin (IM) (b) and in combined regions (CT+IM) (c) of CRC lung metastases. Statistical comparison was performed by the log-rank test.

Figure S2

Kaplan-Meier curves for the duration of OS according to the presence of CD8$^+$ T cells in the center of the tumor (CT) (a), in the invasive margin (IM) (b) and in combined regions (CT+IM) (c) of RCC lung metastases.
Representation of the Kaplan-Meier curves for the duration of OS according to the presence of NKp46$^+$ cells in the CT (d), in the IM (e) and in combined region (CT+IM) (f) of RCC lung metastases.
Statistical comparison was performed by the log-rank test.

Figure S3

Influence of pre-operative patient treatments on the distribution of CD8$^+$, DC-LAMP$^+$ and NKp46$^+$ immune cells in CRC (a, b and c) and RCC lung metastases (d, e and f). 63/140 patients with CRC lung metastases have been treated with neo-adjuvant chemotherapy and 9/52 patients with RCC lung metastases have been treated with IL2/IFN. Whiskers length represents 10-90 percentile. ns, not significant (Mann-Whitney test).
Figure S4

Gene expression in lung metastases from CRC and RCC. Expression of genes related to (a) immune cell populations, (b) Th1/Th2 orientations, (c) inflammation and angiogenesis, (d) immunosuppression, (e) cytotoxicity, (f) chemokines/chemokine receptors in lung metastases from CRC (grey bars) and RCC (white bars). Expression levels of genes were determined using threshold cycle (Ct) values normalized to actin B [ACTB] (ΔCt). Whiskers length represents 10-90 percentile. ns, not significant; *P<0.05, **P<0.001, ***P<0.0001 (Mann-Whitney test).

Table S1

Baseline characteristics of 140 patients with CRC lung metastasis.

‡ The stage was determined by pathological examination at the time of diagnosis

Table S2

Baseline characteristics of 52 patients with RCC lung metastasis.

* determined by Heng et al.

Table S3

P values corresponding to different cutoff (minimum P value, first, second and third quartile) in CRC and RCC lung metastases.

§P values were corrected by the formula proposed by Altman et al.