Supplementary Figures

Supplementary Figure 1. Survival plot of mice receiving two different radiation dose treatment: a single dose of 21 Gy or 3 doses of 8 Gy. Includes animals that died or reached the tumor volume average. 6 to 8 mice per group. Statistical significance was assessed by log-rank test.

Supplementary Figure 2. Survival plot of mice receiving no treatment (untreated), RT treatment alone (RT), or vancomycin plus RT combination treatment (RT+Vanco). 12 to 18 mice per group. Statistical significance was assessed by log-rank test (*P < 0.05).
Supplementary Figure 3. Growth curves of B16-OVA irradiated primary tumors from mice receiving no treatment (untreated), Neo/Met treatment alone (Neo/Met), RT treatment alone (RT), or Neo/Met plus RT combination treatment. 5 to 10 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by two-way ANOVA.

Supplementary Figure 4. Growth curves of B16-OVA irradiated primary tumors from mice purchased from Jackson laboratories receiving no treatment (untreated), RT treatment alone (RT), or vancomycin plus RT combination treatment (RT+Vanco). 5 to 10 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by two-way ANOVA (***P < 0.001).
Supplementary Figure 5. Analysis of intra-tumoral Tregs (A) Irradiated and (B) Abscopal tumor from mice treated with each therapeutic approach. Each dot represents a pool of 3 mice. Mean +/- SEM are shown. Statistical significance was assessed by Tukey’s test.

Supplementary Figure 6. Effects of CD8 T cells depletion on B16-OVA primary tumor growth in mice treated with vancomycin. Data are representative of at least two independent experiments. 5 to 10 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by two-way ANOVA.
Supplementary Figure 7. Il12b mRNA expression levels in tumors one day after irradiation. Results are depicted as fold change expression compared to untreated mice. 2 to 4 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by Tukey’s test. (**P < 0.01).

Supplementary Figure 8. Ifnb1 mRNA expression levels in tumors one day after irradiation. Results are shown as fold change expression compared to untreated mice. Data are representative of at least two independent experiments. 4 to 6 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by unpaired t-test (*P < 0.05).
Supplementary Figure 9. Example of flow cytometry dot plot of anti-MHC1 (Kb)-SL8 OVA peptide staining performed at 3-day post irradiation.

Supplementary Figure 10. TC-1 tumors from mice treated with RT alone or in combination with vancomycin were dissociated and plated with OT1 T cells in an IFNγ ELISpot plate for 24h. 3 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by Tukey's test (*P < 0.05, **P < 0.01, ***P < 0.001).
Supplementary Figure 11. Phenotypic characterization of BMDC CD11c+ upon exposure to butyrate (C4). Each dot represents BMDC derived from a different mouse (3 total). Mean +/- SEM are shown. Statistical significance was assessed by unpaired t-test (**P < 0.01).

Supplementary Figure 12. Il12b mRNA expression level in irradiated tumors from mice treated with vancomycin in combination with or without butyrate (C4). 4 mice per group. Mean +/- SEM are shown. Statistical significance was assessed by unpaired t-test (**P < 0.01).