CLAIMS

WHAT IS CLAIMED IS:

1. A compound selected from:

Example 3210, Example 3211, Example 3212, Example 3213, Example 3216, Example 3217, Example 3218, Example 3219, Example 3220, Example 3221, Example 3222, Example 3223, Example 3224, Example 3225, Example 3226, Example 3227, Example 3228, Example 3229, Example 3230, Example 3231, Example 3232, Example 3233, Example 3234, Example 3235, Example 3236, Example 3237, Example 3238, Example 3239, Example 3240, Example 3241, Example 3242, Example 3243, Example 3244, Example 3245, Example 3246, Example 3614, Example 3616, Example 3617, Example 3618, Example 3628, Example 3637, Example 3638, Example 3639, Example 3640, Example 3641, Example 3642, Example 3643, Example 3644, Example 3645, Example 3646, Example 3647, Example 3648, Example 9166, Example 9167, Example 9188, Example 9189, Example 9190, Example 9191, Example 9192, Example 9193, Example 9194, Example 9195, Example 9196, Example 9213, Example 9214, Example 9215, Example 9216, Example 9217, Example 9218, Example 9219, Example 9220, Example 9221, Example 9222, Example 9223, Example 9224, Example 9225, Example 9226, Example 9227, Example 9228, Example 9229, Example 9230, Example 9231, Example 9232, Example 9233, Example 9234, Example 9235, Example 9236, Example 9237, Example 9238, Example 9239, Example 9240, Example 9241, Example 9242, Example 9243, Example 9244, Example 9245, Example 9246, Example 9247, Example 9248, Example 9249, Example 9250, Example 9251, Example 9252, Example 9253, Example 9254, Example 9255, Example 9256, Example 9257, Example 9258, Example 9259, Example 9260, Example 9261, Example 9262, Example 9263, Example 9264, Example 9265, Example 9266, Example 9267, Example 9268, Example 9269, Example 9270, Example 9271, Example 9272, Example 9273, Example 9274, Example 9275, Example 9276, Example 9277, Example 9278, Example 9279, Example 9280, Example 9281, Example 9282, Example 9283, Example 9284, Example 9285, Example 9286, Example 9287, Example 9288, Example 9289, Example 9290, Example 9291, Example 9292, Example 9293, Example 9294, Example 9295, Example 9296, Example 9297, Example

9298, Example 9299, Example 9300, Example 9301, Examples 9302, Example 9303, Example 9304, Example 9305, Example 9306, Example 9307, Example 9308, Example 9309, Example 9310, Example 9311, Example 9312, Example 9313, Example 9314, Example 9315, Example 9316, Examples 9317, Example 9318, Example 9319, Example 9320, Example 9321, Example 9322, Example 9323, Example 9324, Example 9325, Example 9326, Example 9327, Example 9328, Example 9329, Example 9330, Example 9331, Example 9332, Example 9333, Example 9334, Example 9335, Example 9336, Example 9337, Example 9338, Example 9345, Example 9346, Example 9347, Example 9348, Example 9349, Example 9350, Example 9351, Example 9352, Example 9353, Example 9354, Example 9355, Example 9356, Example 9357, Example 9358, Example 9359, Example 9360, Example 9361, Example 9362, Example 9363, Example 9364, Example 9365, Example 9366, Example 9367, Example 9368, Example 9369, Example 9370, Example 9371, Example 9372, Example 9373, Example 9374, Example 10053, Example 10054, Example 10055, Example 10056, Example 10057, Example 10058, Example 10059, Example 10060, Example 10061, Example 10062, Example 10063, Example 10064, Example 10065, Example 10066, Example 10067, Example 10068, Example 10069, Example 10070, Example 10071, Example 10072, Example 10073, Example 10074, Example 10075, Example 10076, Example 10077, Example 10078, Example 10079, Example 10080, Example 10081, Example 10082, Example 10083, Example 10084, Example 10085, Example 10086, Example 10087, Example 10088, Example 10089, Example 10090, Example 10091, Example 10092, Example 10093, Example 10094, Example 10095, Example 10096, Example 10097, Example 10098, Example 10099, Example 10100, Example 10102, Example 10103, Example 10104, Example 10105, Example 10106, Example 10107, Example 10108, Example 10109, Example 10110, Example 10111, Example 10112, Example 10113, Example 10114, Example 10115, Example 10116, Example 10117, Example 10118, Example 10119, Example 10120, Example 10121, Example 10148, Example 10149, Example 10150, Example 10151, Example 10152, Example 10153, Example 10154, Example 10155, Example 10156, Example 10157, Example 10158, Example 10159, Example 10160, Example 10161, Example 10162, Example 10163, Example 10164, Example 10165, Example 10166, Example 10167, Example 10168, Example 10169, Example 10170, Example 10171, Example 10172, Example 10173, Example 10174, Example 10175,

Example 10176, Example 10177, Example 10178, Example 10179, Example 10180, Example 10181, Example 10182, Example 10183, Example 10184, Example 10185, Example 10186, Example 10187, Example 10188, Example 10189, Example 10190, Example 10191, Example 10192, Example 10193, Example 10194, Example 10195, Example 10533, Example 10535, Example 10542, Example 10543, Examples 10551, Example 10640, Example 10556, Example 10557, Example 10558, Example 10559, Example 10560, Example 10561, Example 10562, Example 10563, Example 10564, Example 10565, Example 10566, Example 10567, Example 10568, Example 10569, Example 10570, Example 10571, Example 10572, Example 10573, Example 10574, Example 10575, Example 10576, Example 10577, Example 10578, Example 10579, Example 10580, Example 10581, Example 10582, Example 10583, Example 10584, Example 10585, Example 10586, Example 10587, Example 10588, Example 10589, Example 10590, Example 10591, Example 10592, Example 10593, Example 10594, Example 10595, Example 10596, Example 10597, Example 10598, Example 10599, Example 10600, Example 10601, Example 10602, Example 10603, Example 10604, Example 10605, Example 10606, Example 10607, Example 10608, Example 10609, Example 10611, Example 10610, Example 10612, Example 10613, Example 10614, Example 10615, Example 10616, Example 10617, Example 10618, Example 10619, Example 10620, Example 10621, Example 10622, Example 10623, Example 10624, Example 10625, Example 10626, Example 10627, Example 10628, Example 10629, Example 10630, Example 10631, Example 10632, Example 10633, Example 10634, Example 10635, Example 10636, Example 10637, and Example 10638;
or a pharmaceutically acceptable salt thereof.

2. A compound selected from
Example 1240, Example 1241, Example 1244, Example 1245, Example 1246, Example 1247, Example 1248, Example 1250, Example 1251, Example 1252, Example 1255, Example 1256, Example 1257, Example 1258, Example 1259, Example 1260, Example 1261, Example 1262, Example 1272, Example 1273, Example 1275, Example 1276, Example 1277, Example 1278, Example 1279, Example 1280, Example 1281, Example 1282, Example 1283, Example 1285, Example 1289, Example 1306, Example 1309, Example 1501, Example 1502, Example 1503, Example 1504, Example 1505, Example

1506, Example 1507, Example 1508, Example 1509, Example 1510, Example 1511, Example 1512, Example 1513, Example 1514, Example 1519, Example 1520, Example 1522, Example 1523, Example 1525, Example 1526, Example 1528, Example 1529, Example 1530, Example 1531, Example 1532, Example 1533, Example 1534, Example 1535, Example 1536, Example 1537, Example 1538, Example 1539, Example 1542, Example 5148, Example 5150, Example 5151, Example 5152, Example 5154, Example 5156, Example 5157, Example 5158, Example 5159, Example 5160, Example 5161, Example 5162, Example 5164, Example 5165, Example 5167, Example 5169, Example 5170, Example 5174, Example 5175, Example 5177, Example 5178, Example 5179, Example 5182, Example 5183, Example 5184, Example 5186, Example 5189, Example 5190, Example 5191, Example 5196, Example 5198, Example 5200, Example 5201, Example 5202, Example 5204, Example 5205, Example 5207, Example 5208, Example 5209, Example 5210, Example 5211, Example 5214, Example 5215, Example 5216, Example 5218, Example 5219, Example 5221, Example 5223, Example 5224, Example 5225, Example 5228, Example 5229, Example 5230, Example 5232, Example 5233, Example 5234, Example 5236, Example 5237, Example 5240, Example 5242, Example 5243, Example 5245, Example 5246, Example 5247, Example 5248, Example 5249, Example 5251, Example 5252, Example 5255, Example 5256, Example 5257, Example 5260, Example 5261, Example 5262, Example 5263, Example 5264, Example 5265, Example 6168, Example 6262, Example 6272, Example 7067, Example 7068, Example 7069, Example 7070, Example 7071, Example 7072, Example 7073, Example 7075, Example 7077, Example 7078, Example 7079, Example 7080, Example 7081, Example 7082, Example 7083, Example 7084, Example 7085, Example 7086, Example 7087, Example 7088, Example 7088, Example 7089, Example 7090, Preparation of Example 7091, Example 7092, Example 7093, Example 7094, Example 7095, Example 7096, Example 7097, Example 7098, Example 7099, Example 7100, Example 7101, Example 7102, Example 7103, Example 7104, Example 7105, Example 7106, Example 7107, Example 7108, Example 7109, Example 7110, Example 7111, Example 7112, Example 7113, Example 7114, Example 7115, Example 7116, Example 7117, Example 7118, Example 7119, Example 7120, Example 7121, Example 7122, Example 7123, Example 7124, Example 7125, Example 7126, Example 7127, Example 7128, Example 7129, Example 7130, Example 7131, Example 7132, Example 7133, Example 7134, Example

7135, Example 7136, Example 7137, Example 7138, Example 7139, Example 7152, Example 9115, Example 9116, Example 9117, Example 9118, Example 9119, Example 9120, Example 9121, Example 9122, Example 9123, Example 9124, Example 9125, Example 9126, Example 9127, Example 9128, Example 9129, Example 9130, Example 9131, Example 9132, Example 9133, Example 9134, Example 9135, Example 9136, Example 9137, Example 9138, Example 9139, Example 9140, Example 9141, Example 9142, Example 9143, Example 9144, Example 9145, Example 9146, Example 9147, Example 9148, Example 9149, Example 9150, Example 9155, Example 9156, Example 9157, Example 9158, Example 9159, Example 9160, Example 9161, Example 9162, Example 9163, Example 9164, Example 9165, Example 9168, Example 9169, Example 9170, Example 9171, Example 9172, Example 9173, Example 9174, Example 9175, Example 9176, Example 9177, Example 9178, Example 9179, Example 9180, Example 9181, Example 9182, Example 9183, Example 9184, Example 9185, Example 9186, Example 9187, Example 10012, Example 10013, Example 10014, Example 10015, 10016, Example 10017, Example 10018, Example 10019, Example 10020, Example 10021, Example 10022, Example 10023, Example 10024, Example 10025, Example 10034, Example 10035, Example 10036, Example 10037, Example 10042, Example 10043, Example 10044, Example 10045, Example 10047, Example 10049, Example 10050, Example 10051, Example 10052, Example 10122, Example 10123, Example 10126, Example 10127, Example 10128, Example 10129, Example 10130, Example 10131, Example 10132, Example 10136, Example 10137, Example 10138, Example 10139, Example 10140, Example 10141, Example 10142, Example 10143, Example 10144, Example 10145, Example 10146, Example 10147, Example 10196, Example 10197, Example 10198, Example 10199, Example 10200, Example 10201, Example 10202, Example 10203, Example 10203, Example 10204, Example 10205, Example 10206, Example 10207, Example 10208, Example 10209, Example 10210, Example 10211, Example 10212, Example 10213, Example 10214, Example 10215, Example 10216, Example 10217, Example 10218, Example 10219, Example 10530, Example 10531, Example 10532, Example 10534, Example 10536, Example 10539, Example 10540, Example 10544, Example 10552, Example 10553, Example 10554, Example 10555, Example 11001, Example 11002, Example 11003, and Example 11004;
or a pharmaceutically acceptable salt thereof.

3. A compound selected from

Example 1290, Example 1291, Example 1292, Example 1293, Example 1294, Example 1295, Example 1296, Example 1297, Example 1298, Example 1299, Example 1300, Example 1301, Example 1302, Example 1303, Example 1304, Example 1305, Example 5153, Example 5155, Example 5163, Example 5166, Example 5168, Example 5171, Example 5176, Example 5180, Example 5181, Example 5187, Example 5192, Example 5199, Example 5203, Example 5213, Example 5220, Example 5222, Example 5226, Example 5227, Example 5231, Example 5238, Example 5241, Example 5253, Example 5254, Example 5259, Example 6118, Example 6119, Example 6128, Example 6134, Example 6135, Example 6136, Example 6137, Example 6140, Example 6141, Example 6146, Example 6156, Example 6158, Example 6162, Example 6170, Example 6172, Example 6176, Example 6180, Example 6183, Example 6184, Example 6185, Example 6189, Example 6201, Example 6202, Example 6203, Example 6204, Example 6207, Example 6209, Example 6213, Example 6216, Example 6224, Example 6228, Example 6236, Example 6244, Example 6247, Example 6249, Example 6250, Example 6258, Example 6266, Example 6267, Example 6269, Example 6274, Example 6276, Example 6283, Example 6284, Example 6288, Example 6289, Example 6293, Example 6296, Example 6297, Example 6301, Example 6303, Example 6309, Example 6310, Example 6324, Example 6331, Example 6334, Example 6335, Example 6338, Example 6344, Example 6347, Example 6350, Example 6361, Example 6363, Example 6365, Example 6369, Example 6370, Example 6372, Example 6380, Example 6383, Example 6384, Example 6389, Example 6390, Example 6391, Example 6392, Example 6393, Example 6394, Example 6395, Example 6396, Example 6397, Example 6398, Example 6399, Example 6400, Example 6401, Example 6402, Example 6403, Example 6404, Example 6405, Example 6406, Example 6407, Example 6408, Example 6409, Example 6410, Example 6411, Example 6412, Example 6415, Example 6416, Example 7140, Example 7141, Example 7142, Example 7143, Example 7144, Example 7145, Example 7146, Example 7147, Example 7148, Example 7151, Example 7153, and Example 7154.

4. A compound of any one of claims 1 to 3 for use in the treatment of a medical condition which can be treated by enhancing, stimulating, and/or increasing the immune

response in a subject in need thereof wherein the compound is to be administered to the subject.

5. The compound of claim 4 further wherein an additional agent is to be administered prior to, after, or simultaneously with the compound.

6. The compound of claim 5 wherein the additional agent is an antimicrobial agent, an antiviral agent, a cytotoxic agent, and/or an immune response modifier.

7. A compound of any one of claims 1 to 3 for use in the treatment of cancer by inhibiting growth, proliferation, or metastasis of cancer cells in a subject in need thereof.

8. The compound of claim 7 wherein the cancer is selected from melanoma, renal cell carcinoma, squamous non-small cell lung cancer (NSCLC), non-squamous NSCLC, colorectal cancer, castration-resistant prostate cancer, ovarian cancer, gastric cancer, hepatocellular carcinoma, pancreatic carcinoma, squamous cell carcinoma of the head and neck, carcinomas of the esophagus, gastrointestinal tract and breast, and a hematological malignancy.

9. A compound of any one of claims 1 to 3 for use in the treatment of an infectious disease in a subject in need thereof.

10. The compound of claim 9 wherein the infectious disease is caused by a virus.

11. The compound of claim 10 wherein the virus is selected from HIV, Hepatitis A, Hepatitis B, Hepatitis C, herpes virus, and influenza.

12. A compound of any one of claims 1 to 3 for use in the treatment of septic shock in a subject in need thereof.

13. A compound of any one of claims 1 to 3 for use in blocking the interaction of PD-L1 with PD-1 and/or CD80 in a subject.

14. The use of a compound of any one of claims 1 to 3 in the manufacture of a medicament for the treatment of a medical condition that can be treated by enhancing, stimulating, and/or increasing the immune response in a subject in need thereof, wherein the medicament is to be administered to the subject.

15. The use of claim 14 further wherein an additional agent is to be administered prior to, after, or simultaneously with the medicament.

16. The use of claim 15 wherein the additional agent is an antimicrobial agent, an antiviral agent, a cytotoxic agent, and/or an immune response modifier.

17. The use of a compound of any one of claims 1 to 3 in the manufacture of a medicament for treating cancer by inhibiting growth, proliferation, or metastasis of cancer cells in a subject in need thereof.

18. The use of claim 17 wherein the cancer is selected from melanoma, renal cell carcinoma, squamous non-small cell lung cancer (NSCLC), non-squamous NSCLC, colorectal cancer, castration-resistant prostate cancer, ovarian cancer, gastric cancer, hepatocellular carcinoma, pancreatic carcinoma, squamous cell carcinoma of the head and neck, carcinomas of the esophagus, gastrointestinal tract and breast, and a hematological malignancy.

19. The use of a compound of any one of claims 1 to 3 in the manufacture of a medicament for treating an infectious disease in a subject in need thereof.

20. The use of claim 19 wherein the infectious disease is caused by a virus.

21. The use of claim 20 wherein the virus is selected from HIV, Hepatitis A, Hepatitis B, Hepatitis C, herpes virus, and influenza.

22. The use of a compound of any one of claims 1 to 3 in the manufacture of a medicament for treating septic shock in a subject in need thereof.

23. The use of a compound of any one of claims 1 to 3 in the manufacture of a medicament for blocking the interaction of PD-L1 with PD-1 and/or CD80 in a subject.