CLAIMS

1. A transdermal device comprising:

a plurality of drug containing or drug storage compartments,

each compartment sealed or having contiguous walls such that when a drug formulation is placed inside one of the plurality of drug containing or drug storage compartments the drug formulation is contained in the compartment, and

the compartment has one side open to a removable (and optionally a flexible) release liner; and

on the same side of the transdermal device as the open side of (or side covered by the release liner) the compartment to the flexible and removable release liner is affixed an adhesive to affix the transdermal device to a skin surface, in which the adhesive is covered until removal of the removable release liner; and

in which the plurality of drug containing or drug storage compartments comprises:

a first compartment comprising an avermectin class drug;

a second compartment comprising an antibiotic; and

a third compartment comprising zinc.

2. A transdermal device according to Claim 1, in which

the avermectin class drug is ivermectin;

the antibiotic is doxycycline, azithromycin or both; and/or

the zinc is a zinc chelate.

3. A transdermal device according to Claim 2, in which the zinc chelate is selected from zinc sulphate, zinc acetate, zinc gluconate, zinc picolinate, zinc oxide nanoparticles, or a combination thereof.

4. A transdermal device according to Claim 1, 2 or 3, in which the transdermal device comprises between 3 and 10 separate drug containing compartments, and in which each compartment has a storage capacity of between about 5 µl and 1000 µl, or between about 20 µl and 500 µl, or between about 50 µl and 5 ml.

5. A transdermal device according to any preceding claim, further comprising a pressure cuff or band, in which the transdermal device is set, affixed, glued or sewn onto a cuff or band which is adapted to be worn around an arm or leg, and

the cuff or band is designed to allow a user to tighten the cuff or band around the arm or leg, optionally by use of a hook and loop fastener; or

the cuff or band is designed to tighten around the arm or leg by inflation.

6. A transdermal device according to any preceding claim, in which the transdermal device comprises 3 drug containing compartments.

7. A transdermal device according to Claim 6, in which the first compartment comprises 48 mg of ivermectin, the second compartment comprises 300 mg of doxycycline and the third compartment comprises 50 mg of zinc chelate.

8. A transdermal device according to any preceding claim, in which the flexible and removable release liner comprises an acrylate polymer or a pressure-sensitive adhesive (PSA).

9. A transdermal device according to any preceding claim, in which the drug formulation of each compartment is formulated as a liquid, liposome, gel or hydrogel drug formulation.

10. Use of the transdermal device according to any preceding claim for the manufacture of a medicament for preventing or ameliorating a coronavirus infection caused by COVID-19, or a variant, alternative clade or substrain thereof.