CLAIMS

1. Use of a therapeutically effective amount of a vinpocetine, an optical isomer thereof, a racemate thereof, a solvate thereof, a prodrug thereof, a metabolite thereof, a related compound or extract thereof, a crystalline compound thereof, a pharmaceutically acceptable salt, or any combination thereof in the manufacture of a drug or a preparation for preventing, delaying, inhibiting or treating myopia or myopia-related diseases, wherein the myopia does not include myopia in the elderly or pathological myopia, wherein the drug or the preparation does not comprise long-acting β-adrenoceptor agonist.

2. The use according to claim 1, wherein the vinpocetine, an optical isomer thereof, a racemate thereof, a solvate thereof, a prodrug thereof, a metabolite thereof, a related compound or extract thereof, a crystalline compound thereof, a pharmaceutically acceptable salt, or any combination thereof is as a main active ingredient in wherein the drug or the preparation.

3.The use according to claim 2, the content or efficacy of wherein vinpocetine, an optical isomer thereof, a racemate thereof, a solvate thereof, a prodrug thereof, a metabolite thereof, a related compound or extract thereof, a crystalline compound thereof, a pharmaceutically acceptable salt, or any combination thereof accounts for more than 50%, more than 60%, more than 70%, more than 80%, more than 90% or 100% of total active ingredients in wherein the drug or the preparation, and the percentage (%) is a mass ratio, a molar ratio, a titer ratio, or an efficacy contribution ratio to the use.

4.The use according to any of claims 1-3, wherein the myopia is selected from the group consisting of refractive myopia, axial myopia; congenital myopia, early-onset myopia, delayed onset myopia, late-onset myopia, low myopia, moderate myopia, high myopia, pseudomyopia, true myopia, myopia in children/adolescents, myopia in juveniles, myopia in adults, simple myopia, axial simple myopia, progressive myopia, primary myopia, secondary myopia, curvature myopia, index myopia, astigmatic myopia, position myopia, bending myopia, myopia caused by long-term use of eyes at close range, myopia caused by visual fatigue, myopia caused by adverse drug reactions, myopia caused by reading books, myopia caused by using electronic products, myopia caused by mismatch of refractive media, myopia caused by abnormal refractive

development, myopia caused by excessive eyeball growth, myopia caused by unhygienic use of eyes, myopia that is poorly or ineffectively treated with atropine, myopia caused by insufficient outdoor exercise, accommodative spastic myopia, myopia in infants, hereditary myopia, and myopia dominated by environmental factors.

5.The use according to claim 4, the concentration of wherein the vinpocetine, an optical isomer thereof, a racemate thereof, a solvate thereof, a prodrug thereof, a metabolite thereof, a related compound or extract thereof, a crystalline compound thereof, a pharmaceutically acceptable salt, or any combination thereof in wherein the drug or the preparation is 0.001 μM to 100 mM.

6.The use according to claim 4, the concentration or proportion of wherein the vinpocetine, an optical isomer thereof, a racemate thereof, a solvate thereof, a prodrug thereof, a metabolite thereof, a related compound or extract thereof, a crystalline compound thereof, a pharmaceutically acceptable salt, or any combination thereof in wherein the drug or the preparation is less than 25%, and the percentage (%) is mass/volume concentration, mass percentage, or mole ratio.

7.The use according to claim 4, administration of wherein the drug or the preparation is selected from the group consisting of systemic administration, local administration, parenteral administration, non-invasive administration, and combinations thereof.

8.The use according to claim 4, wherein the drug or the preparation further comprises pirenzepine, muscarinic antagonist, robaxin, indoramine, timolol maleate, epinephrine, pyrazine, perlapine, methylamine, chlorisondamine, acetylcholinesterase inhibitor, dopamine agonist, gamma-aminobutyric acid, naloxone, glucagon, retinoic acid, M receptor blockers, dibazole, polyunsaturated fatty acids, homatropine, 7-methylxanthine, niacin, piracetam, Salvia miltiorrhiza extract, safflower extract, fish oil, bear bile extract, vitamins, adenosine triphosphate, smooth muscle relaxants, drugs to prevent vasospasm, non-selective adenylate antagonist, vasodilators, pupil dilating components, decongestants, eye muscle accommodative components, anti-inflammatory agent components, astringent components, antihistamine components, anti-allergic components, components for inhibiting collagen degradation, hepatoprotective components, components for enhancing blood-retinal barrier, amino acids, antibacterial agent components, antioxidant component, saccharides, polymers or derivatives thereof, celluloses or derivatives thereof, local anesthetic components,

components for amblyopia treatment, components for glaucoma treatment, components for cataract treatment, type I phosphodiesterase inhibitors, miRNA or modified derivatives thereof.

9.The use according to claim 4, wherein the metabolite of a vinpocetine is apovincaminic acid.

10.The use according to claim 4, wherein the preventing, delaying, inhibiting or treating myopia or myopia-related diseases is controlling the progression of myopia, or slowing down the procession or speed of the refraction change towards negative in an individual with myopia or in an individual with a tendency to develop myopia.

11.The use according to any of claims 5-10, wherein the drug or the preparation is capable of being prepared into an injection, a tablet, a freeze-dried powder injection, a capsule, a granule, an aerosol, a liniment, a lotion, a cream, a drop, a flushing agent, a spray, an ointments, a patch, a syrup, an oral preparation, an eye preparation, an oil-water mixture, a suspension, a paste, a pill, a suppository, an emulsion, an eye ointment, an eye drops, or an eye gel.