75. The method of any one of claims 64 to 74, wherein the dimeric protein is an antibody.

76. A variant dimeric protein prepared by the method of any one of claims 64 to 75.

77. A kit-of-parts comprising a first dimeric protein according to any one of claims 1 to 37 and a second dimeric protein according to any one of claims 1 to 37 for simultaneous, separate or sequential use in imaging, diagnostics or therapy.

78. The dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of claims 1 to 63, 76, 77 and 79, for use in the treatment of a disease, such as a bacterial, viral or parasitic infection, autoimmune disease, cancer, inflammation, and/or reducing the risk for septic shock caused by a bacterial infection.

79. The dimeric protein, oligomer, hexamer, composition or kit-of-parts of any one of claims 1 to 63, 76, 77 and 79, wherein the dimeric protein comprises a binding region specifically binding to a lipopolysaccharide (LPS), a lipooligosaccharide (LOS), a delta endotoxin, Botulinum toxin, Corynebacterium diphtheriae exotoxin, a bacterial superantigen, a heat-stable enterotoxin, cytolysin, a channel-forming toxin, an enzymatically active toxin, or a mycotoxin.

80. The dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79, for use in imaging at least a part of the body of a human or other mammal.

81. A method for imaging of at least a part of the body of a human or other mammal, comprising administering a dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79.

82. A method for treating a bacterial, viral or parasitic infection, for imaging of at least a part of the body of human or other mammal, or for modulating clearance of a target molecule from the body of a human or other mammal, comprising administering a dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79.

83. A method for preventing or treating a disease, such as cancer, auto-immune diseases, organ transplant rejections, and C1q depletion in the humoral system, comprising administration of a dimeric protein, oligomer, hexamer, composition, kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79.

75. The method of any one of claims 64 to 74, wherein the dimeric protein is an antibody.

76. A variant dimeric protein prepared by the method of any one of claims 64 to 75.

77. A kit-of-parts comprising a first dimeric protein according to any one of claims 1 to 37 and a second dimeric protein according to any one of claims 1 to 37 for simultaneous, separate or sequential use in imaging, diagnostics or therapy.

78. The dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of claims 1 to 63, 76, 77 and 79, for use in the treatment of a disease, such as a bacterial, viral or parasitic infection, autoimmune disease, cancer, inflammation, and/or reducing the risk for septic shock caused by a bacterial infection.

79. The dimeric protein, oligomer, hexamer, composition or kit-of-parts of any one of claims 1 to 63, 76, 77 and 79, wherein the dimeric protein comprises a binding region specifically binding to a lipopolysaccharide (LPS), a lipooligosaccharide (LOS), a delta endotoxin, Botulinum toxin, Corynebacterium diphtheriae exotoxin, a bacterial superantigen, a heat-stable enterotoxin, cytolysin, a channel-forming toxin, an enzymatically active toxin, or a mycotoxin.

80. The dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79, for use in imaging at least a part of the body of a human or other mammal.

81. A method for imaging of at least a part of the body of a human or other mammal, comprising administering a dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79.

82. Use of a dimeric protein, oligomer, hexamer, composition or kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79 in the manufacture of a medicament for the treatment of a bacterial, viral or parasitic infection, for imaging of at least a part of the body of human or other mammal, or for modulating clearance of a target molecule from the body of a human or other mammal.

83. Use of a dimeric protein, oligomer, hexamer, composition, kit-of-parts according to any one of the claims 1 to 63, 76, 77 and 79 in the manufacture of a medicament for the treatment of cancer, auto-immune diseases, organ transplant rejections, and C1q depletion in the humoral system in a human.