WHAT IS CLAIMED IS:

1. A packaging system comprising:
a packaging body defining a cavity;
a tissue cradle configured to be disposed within the cavity; and
a seal configured to be joined to the packaging body to fluidly seal the cavity.

2. The packaging system according to claim 1, wherein the packaging system comprises a plurality of tissue cradles, and wherein the cavity is configured to receive tissue cradles of different sizes.

~~3. The packaging system according to claim 1, wherein the cavity comprises at least one slot configured to engage a corresponding tab of the tissue cradle for maintaining a position of the tissue cradle within the cavity.~~

43. The packaging system according to claim 1, wherein the tissue cradle is configured to support a tissue specimen.

~~5. The packaging system according to claim 1, wherein the tissue cradle is configured to support a tissue specimen and to fit within the cavity to at least partially immerse the tissue specimen in a liquid disposed in the cavity.~~

~~6. The packaging system according to claim 1, wherein the tissue cradle is configured to allow the liquid to drain from the tissue cradle upon removal of the tissue cradle from the cavity.~~

~~7. The packaging system according to claim 6, wherein the tissue cradle includes one or more openings to allow the liquid to drain from the tissue cradle upon removal from the cavity.~~

~~8~~4. The packaging system according to claim 1, wherein the tissue cradle includes one or more features configured to facilitate manipulation of the tissue cradle.

~~9~~5. The packaging system according to claim 1, wherein the packaging system comprises a plurality of tissue cradles, and wherein the plurality of tissue cradles ~~are~~ is configured to support tissue specimens having a plurality of sizes.

~~10~~6. The packaging system according to claim 1, wherein the packaging system comprises a plurality of tissue cradles, and wherein the plurality of tissue cradles ~~are~~ is a plurality of different sizes.

~~11~~7. The packaging system according to claim ~~10~~6, wherein the cavity and each of the plurality of tissue cradles include cooperating features to support any of the plurality of tissue cradles within the cavity.

~~12~~8. The packaging system according to claim 1, wherein the seal includes a plastic film.

~~13~~9. The packaging system according to claim 1, wherein the seal includes a foil seal.

~~14~~10. The packaging system according to claim 1, wherein the seal is configured to be peelable from the packaging body to allow access to the cavity.

~~15~~11. A packaged tissue specimen, wherein the tissue specimen is packaged in a tissue packaging system comprising:

a packaging body defining a cavity;

a tissue cradle disposed within the cavity; and

a seal joined to the packaging body to fluidly seal the cavity,

wherein the tissue specimen is supported by the tissue cradle.

~~16~~12. The packaged tissue specimen according to claim ~~15~~11, wherein the cavity of the tissue packaging system is configured to receive tissue cradles of different sizes.

~~17. The packaged tissue specimen according to claim 15, wherein the tissue specimen includes one or more of:~~

~~nerve tissue, vascular tissue, urological tissue, tendons, or muscle tissue.~~

~~18. The packaged tissue specimen according to claim 15, wherein the tissue cradle of the tissue packaging system is configured to at least partially immerse the tissue specimen in a liquid disposed in the cavity.~~

~~19. The packaged tissue specimen according to claim 15, wherein the tissue cradle of the tissue packaging system is configured to allow the liquid to drain from the tissue cradle upon removal from the cavity.~~

~~20. The packaged tissue specimen according to claim 19, wherein the tissue cradle of the tissue packaging system includes one or more openings to allow the liquid to drain from the tissue cradle upon removal from the cavity.~~

~~21~~13. The packaged tissue specimen according to claim ~~15~~11, wherein the tissue cradle of the tissue packaging system includes one or more features configured to facilitate manipulation of the tissue cradle.

~~22~~14. The packaged tissue specimen according to claim ~~15~~11, wherein the tissue cradle of the tissue packaging system is configured to support the size of the tissue specimen.

~~23~~15. The packaged tissue specimen according to claim ~~15~~11, wherein the seal of the tissue packaging system includes a plastic film.

~~24~~16. The packaged tissue specimen according to claim ~~15~~11, wherein the seal of the tissue packaging system includes a foil seal.

~~25~~17. The packaged tissue specimen according to claim ~~15~~11, wherein the seal of the tissue packaging system is peelable from the packaging body to allow access to the cavity.

~~26. A method of packaging tissue comprising:~~

~~supporting a tissue specimen with a tissue cradle;~~

~~placing the tissue cradle within a cavity defined in a packaging body;~~

~~at least partially filling the cavity with a liquid; and~~

~~coupling a seal to the packaging body to fluidly seal the cavity.~~

~~27. The method according to claim 26, wherein the tissue cradle is selected from a plurality of tissue cradles of different sizes, and wherein the cavity is configured to receive each of the tissue cradles of different sizes.~~

~~28. The method according to claim 26, wherein the tissue specimen includes one or more of:~~

~~nerve tissue, vascular tissue, urological tissue, tendons, or muscle tissue.~~

~~29. The method according to claim 26, wherein the tissue cradle is configured to at least partially immerse the tissue specimen in the liquid disposed in the cavity.~~

~~30. The method according to claim 26, wherein the tissue cradle is configured to allow the liquid to drain from the tissue cradle upon removal from the cavity.~~

~~31. The method according to claim 30, wherein the tissue cradle includes one or more openings to allow the liquid to drain from the tissue cradle upon removal from the cavity.~~

~~32. The method according to claim 26, wherein the tissue cradle includes one or more features configured to facilitate manipulation of the tissue cradle.~~

~~33. The method according to claim 26, wherein the seal includes one of a plastic seal and a foil seal.~~

~~34. The method according to claim 26, wherein coupling the seal to the packaging body includes one of adhesively bonding and heat sealing.~~

~~35. The method according to claim 26, wherein the coupled seal is configured to be peeled from the packaging body to allow access to the cavity.~~

~~36. A packaging system comprising:~~

~~a packaging body defining a cavity and one or more reservoirs; and~~

~~a seal configured to be joined to the packaging body to fluidly seal the cavity and the one or more reservoirs.~~

~~37. The packaging system according to claim 36, wherein the cavity is configured to support a tissue specimen.~~

~~38. The packaging system according to claim 36, further comprising one or more tissue cradles configured to be disposed within the cavity, the one or more tissue cradles configured to support a tissue specimen.~~

~~39. The packaging system according to claim 36, wherein the seal is configured to be incrementally peelable from the packaging body to incrementally allow access to the cavity and the one or more fluid reservoirs.~~

~~40. The packaging system according to claim 36, further comprising one or more fluid pathways between the cavity and the one or more reservoirs.~~

~~41. The packaging system according to claim 40, wherein the one or more fluid pathways comprise a frangible seal configured to fluidly isolate the cavity and the one or more reservoirs in a sealed condition and to provide fluid communication between the cavity and the one or more reservoirs in a ruptured condition.~~

~~42. The packaging system according to claim 41, wherein the frangible seal is configured to be ruptured when a fluid pressure within the one or more reservoirs is increased above a threshold pressure.~~

~~43. The packaging system according to claim 41, wherein the frangible seal includes a region of lesser bond strength between the seal and the packaging body along the one or more fluid pathways.~~

~~44. The packaging system according to claim 41, wherein the frangible seal includes a rupturable member disposed in the one or more fluid pathways.~~

~~45. The packaging system according to claim 40, further comprising a drain between the cavity and an exterior of the packaging system.~~

~~46. The packaging system according to claim 45, wherein the drain comprises a frangible seal configured to fluidly isolate the cavity from the exterior of the packaging via the drain in a sealed condition, and configured to fluidly couple the cavity with the exterior of the packaging system via the drain in a ruptured condition.~~

~~47. A packaged tissue specimen, wherein the tissue specimen is packaged in a tissue packaging system comprising:~~

~~a packaging body defining a cavity and one or more reservoirs; and~~

~~a seal joined to the packaging body to fluidly seal the cavity and the one or more reservoirs;~~

~~wherein the tissue specimen is disposed within the cavity.~~

~~48. The packaged tissue specimen according to claim 47, the packaging system further comprising a cradle disposed within the cavity, the tissue cradle supporting the tissue specimen disposed within the cavity.~~

~~49. The packaged tissue specimen according to claim 47, wherein the seal is configured to be incrementally peelable from the packaging body to incrementally allow access to the cavity and the one or more fluid reservoirs.~~

~~50. The packaged tissue specimen according to claim 47, further comprising one or more fluid pathways between the cavity and the one or more reservoirs.~~

~~51. The packaged tissue specimen according to claim 50, wherein the one or more fluid pathways comprise a frangible seal configured to fluidly isolate the cavity and the one or more reservoirs in a sealed condition and to provide fluid communication between the cavity and the one or more reservoirs in a ruptured condition.~~

~~52. The packaged tissue specimen according to claim 51, wherein the frangible seal is configured to be ruptured when a fluid pressure within the one or more reservoirs is increased above a threshold pressure.~~

~~53. The packaged tissue specimen according to claim 51, wherein the frangible seal includes a region of lesser bond strength between the seal and the packaging body along the one or more fluid pathways.~~

~~54. The packaged tissue specimen according to claim 51, wherein the frangible seal includes a rupturable member disposed in the one or more fluid pathways.~~

~~55. The packaged tissue specimen according to claim 40, further comprising a drain between the cavity and an exterior of the packaging system.~~

~~56. The packaged tissue specimen according to claim 55, wherein the drain comprises a frangible seal configured to fluidly isolate the cavity from the exterior of the packaging via the drain in a sealed condition, and configured to fluidly couple the cavity with the exterior of the packaging system via the drain in a ruptured condition.~~

~~57. The packaged tissue specimen according to claim 47, wherein the tissue specimen is at least partially disposed in a liquid.~~

~~58. The packaged tissue specimen according to claim 50, wherein the one or more reservoirs include a wash solution.~~

~~59. The packaged tissue specimen according to claim 58, wherein the wash solution is configured to be at least partially transferred to the cavity via the one or more fluid pathways.~~