1. Record Nr. UNINA9910631096903321

Autore	Lametschwandtner Alois
Titolo	Color Atlas of Adult Xenopus laevis : Microvasculature of Tissues and Organs / / by Alois Lametschwandtner, Bernd Minnich
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-05110-6
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (293 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	597.8654
Soggetti	Vertebrates Anatomy, Comparative Imaging systems in biology Blood-vessels - Diseases Biology - Technique Physiology Vertebrate Zoology Animal Anatomy Biological Imaging Angiology Experimental Organisms Animal Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. Materials and Methods -- 3. Microvasculature of Xenopus Tissues and Organs.
Sommario/riassunto	This atlas offers stunning color electron scanning micrographs and exceptional light microscopy pictures of capillaries, vessels and diverse histomorphological tissues and organs of Xenopus laevis. The model organisms Xenopus laevis serves to study basic biological questions related to growth, differentiation, maturation, and regression of cells, tissues and organs. Xenopus and human genomes have long stretches of gene collinearity, and 79% of identified human disease genes have a verified ortholog in Xenopus. Thus, this atlas will be a powerful tool for

anatomists, morphologists, histologists and physiologists interested in normal and pathologically altered organs and tissue; and to all researchers, who wish to learn more about the microvascular anatomy of this vertebrate model organism. .