Record Nr.	UNINA9910743336603321
Titolo	Drawing Processes of Life : Molecules, Cells, Organisms / / Edited by Gemma Anderson-Tempini & John Dupré
Pubbl/distr/stampa	Bristol : , : Intellect Books, , 2023 2023
ISBN	1-78938-710-8
Edizione	[New edition]
Descrizione fisica	1 online resource (336 pages) : illustrations (black and white, and colour)
Altri autori (Persone)	CortiAlessio <1965-> Berta Verd AmbrosioChiara BarnettHeather <1986-> WakefieldJames G WellmannJanina JägerJohannes PhillipsJonathan J ChichesterK. Lee GilbertSarah R GilbertScott F. <1949-> KhandkerWahida
Disciplina	724.7
Soggetti	ART / Criticism & Theory SCIENCE / Life Sciences / Biology ART / Techniques / Painting Art, Modern - 21st century Biology in art Art and science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	List of Figures Acknowledgements Foreword: Symbiotic Perspectives on the Processes of Biology and Art / Scott F. Gilbert Introduction / John Dupré and Gemma Anderson-Tempini 1. Conrad

1.

	H. Waddington and the Image of Process Biology / K. Lee Chichester 2. Drawing as a Pragmatist Visual Epistemology / Chiara Ambrosio 3. Drawing to Extend Waddington's Epigenetic Landscape / Gemma Anderson-Tempini, Berta Verd and Johannes Jaeger 4. Drawing the Origami Embryo as a Stratified Space-Time Worm / Gemma Anderson- Tempini and Alessio Corti 5. Drawing the Dynamic Nature of Cell Division / Gemma Anderson-Tempini, James Wakefield and John Dupré 6. Drawing as Intuitive Mode for Representing Protein Dynamics / Gemma Anderson-Tempini, Jonathan 'J. J.' Phillips and John Dupré 7. Drawing Out the Superorganism: Artistic Intervention and the Amplification of Processes of Life / Heather Barnett 8. Mimicry, Adaptation, Expression / Wahida Khandker 9. Metamorphosis in Images: Insect Transformation from the End of the Seventeenth to the Beginning of the Nineteenth Century / Janina Wellmann 10. Flow, Attend, Flex: Introducing a Process-Oriented Approach to Live Cell Biological Research / James G. Wakefield Process Epistemologies for the Careful Interplay of Art and Biology: An Afterword / Sarah R. Gilbert and Scott F. Gilbert Notes on Contributors Index.
Sommario/riassunto	How the challenge of depicting biological systems can generate productive questions for artists and scientists. An artist drawing cell division faces a problem: what is the best way to visually represent a dynamic process? This anthology, edited by an artist and a philosopher of science, explores drawing as a way of inquiring into living processes at the molecular, cellular, and organismal scale. In doing so, drawing emerges as a tool for relaying and uncovering knowledge - a pathway for research, not an end result. Incorporating drawing studies and contributions from schol- ars in the humanities and life sciences, Drawing Processes of Life addresses epistemological issues arising in cell division, insect metamorphosis, protein folding, and other ever- shifting biological systems. Fulfilling the promise of an interdisciplinary collaboration between artists and scientists, this book demonstrates the interweav- ing of processes, scientific, artistic, and non-human that the abstractive techniques of modern science so readily obscure.