

Contents

ARTICLES

- A historical-philosophical study
of the evolutionary biology of development • 9
Ana Maria ROCHA DE ALMEIDA & Charbel NIÑO EL-HANI
- Structures and mechanisms in physiology • 41
César LORENZANO
- The controversies about the participation
of Rosalind Franklin in the construction of the double helix model • 69
Marcos RODRIGUES DA SILVA
- Genetics in transformation:
crisis and revision of the concept of gene • 93
Leyla MARIANE JOAQUIM & Charbel NIÑO EL-HANI
- The studies about the environment and environmental science • 129
Amelia NANCY GIANNUZZO