

# Moving Science

## Concept

Scientific movies contemplate different categories, each one with specific cinematographic procedures: research film, teaching film, publicity film. The history of this type of movies is still to be revealed in its diversity and interest. In Brazil, the scientific cinema development follows the scientific productions of the newly inaugurated research institutions (Soroterapic Federal Institute, 1900; Butantan Institute, 1901 and Biologic Institute). These institutions, in the beginning of the twentieth century, aimed at increasing their legitimacy by guiding the population and clarifying about diseases and prophylaxis issues.

The National Institute of Educative Cinema (Instituto Nacional de Cinema Educativo – INCE) is a federal agency created by the doctor Edgar Roquette-Pinto in 1936. The INCE produced scientific movies with the goal of educating through the cinema, highlighting the different disciplines of knowledge: chemistry, medicine, mathematics, history and biology.

In the section “**Science in motion**”, expressive films highlight the role of the Butantan Institute in the production of anti-ophidian serum as well as aspects of Brazilian fauna and flora.

## Curatorship

Adilson Mendes is a PhD in Communication Sciences (ECA-USP), with studies about cinema and social life. Author of *Trajatória de Paulo Emilio* (Career of Paulo Emilio) (Studio, 2013).

## Movies

### - ***Serpentes do Brasil* (Brazilian snakes), by Alexandre Wulfes, 1941, 6 '**

Some typical examples of snakes from Brazilian tropical lands, such as the small snake-cipó and the immense sucuri. At the Butantan Institute, in São Paulo, a great diversity of species is used for the study and withdrawal of the antiofidic serum.

[Http://bcc.org.br/filme/detalhe/033048](http://bcc.org.br/filme/detalhe/033048)

### - ***O puraquê* (The electric eel), by Humberto Mauro, 1939, 12 '**

Summary of the research of Dr. Carlos Chagas on the electrical properties of "puraquê", the electric eel.

<http://bcc.org.br/filme/detalhe/007578>

### - ***Instituto Butantan*, conducted by Rossi Film (Brazil, 1920circa, 13 ')**

The phases of preparation of antiofidic serum at the Butantan Institute. This process, described at the beginning of the twentieth century, still develops in the institution today.

<http://bcc.org.br/filme/detalhe/036957>

### - ***Vitória Regia* (Victoria amazonica), by Humberto Mauro (Brazil, 1937, 6 ')**

Amazonic corner recomposed in the Botanic Garden of Rio de Janeiro, which shows the natural habitat of the Victoria amazonica. Highlight for the innovative features of accelerated camera and hatching of a flower.

<http://bcc.org.br/filme/detalhe/006322>