

# Conservation of architectural complex of Manguinhos, in Rio de Janeiro, Brazil

**Benedito Tadeu de Oliveira**

Oswaldo Cruz Foundation - René Rachou Institute – Fiocruz Minas  
Av. Augusto de Lima, 1715 - Barro Preto, Belo Horizonte - MG, 30190-002, Brazil  
Email: [beneditoo@uaigiga.com.br](mailto:beneditoo@uaigiga.com.br) - Web page: <http://www.cpqrr.fiocruz.br/pg/>

## ABSTRACT

The article deals with interventions in the historic architectural complex of Manguinhos, in Rio de Janeiro, one of the most significant and symbolic architectural ensembles in Brazil. It is the headquarters of the Oswaldo Cruz Foundation - Fiocruz, under the supervision of the Brazilian Ministry of Health, the most prominent institution of science and technology on health in Latin America. It was protected by the National Historic and Artistic Heritage Institute (IPHAN) in 1980. The construction of the complex started in 1904 on the initiative of the renowned Brazilian scientist Oswaldo Cruz and was designed by the Portuguese architect Luiz Moraes Júnior.

The main monument of the architectural complex, the Moorish Pavilion, received the most varied influences of monuments, styles and the décor is a reference to Alhambra. An architectural reading of the complex of Manguinhos will be made, examining the architectural language adopted on the historic buildings in particular the Moorish Pavilion; the material and building systems used in its construction; its meaning for the city and the heritage designation process, the surrounding environment in various periods, and the physical, functional and visual relationship with the city.

Regarding the restoration works method, the following will be examined: causes of deterioration, diagnosis and state of conservation, interventions performed over the years, the project and methodology of the latest intervention.

In the conclusion, the article will analyze the interventions undertaken in the light of the modern principles of cultural heritage preservation, the importance of the restoration works of the complex of Manguinhos, and its use as a public cultural and scientific space for the city.

## REFERENCES

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