



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO  
DI FARMACIA  
E BIOTECNOLOGIE

## AVVISO DI SEMINARIO

Il giorno **22 Ottobre 2024**  
alle ore **14:30**

### **Prof. Gloria Arriagada**

Professor, Universidad Andres Bello, Santiago, Cile

(ospite di Prof. Giorgio Gallinella)

terrà un seminario in lingua inglese dal titolo:

## **Functional Studies of Endogenous Parvoviral Elements**

Area tematica:  
Virology

*in presenza:*

**Aula Pisi, Padiglione 11, S.Orsola, Bologna BO**

*e in streaming:*

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_ZmQ2NGEwMDItMGFhNy00Y2Y1LWE3YjYtYzNjNDlkNDlhZDNI%40thread.v2/0?context=%7b%22Tid%22%3a%22e99647dc-1b08-454a-bf8c-699181b389ab%22%2c%22Oid%22%3a%22186e39c0-f23a-4cd4-88c6-b91c340ec2ee%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZmQ2NGEwMDItMGFhNy00Y2Y1LWE3YjYtYzNjNDlkNDlhZDNI%40thread.v2/0?context=%7b%22Tid%22%3a%22e99647dc-1b08-454a-bf8c-699181b389ab%22%2c%22Oid%22%3a%22186e39c0-f23a-4cd4-88c6-b91c340ec2ee%22%7d)

Collegli e studenti sono cordialmente invitati

## **ABSTRACT**

Endogenous viral elements (EVE) are viral derived DNA sequences present in the genome of extant species. Some EVEs possess intact open reading frame (ORF) that can be transcribed and even expressed as functional proteins with physiological roles, including protective roles against exogenous viral infection. Endogenous parvoviral elements (EVP) are parvoviral derived EVEs highly represented in animal genomes, in this talk I will show two short stories about the potential cellular role of EPV derived proteins assaying their potential antiviral role against parvoviruses, and their potential role as cytoskeletal associated proteins.

## **BIOGRAPHICAL SKETCH**

I am a Biochemist and Doctor in Biological Sciences from Universidad de Concepcion, in Chile. I did my postdoc at Columbia University in NY under the supervision of Dr. Stephen P Goff supported by a PEW Latina American fellowship, to learn and specialize in cellular and molecular biology of retroviruses. In 2012 I return to Chile to start my independent career at Universidad Andres Bello, in Viña del Mar studying retrovirus trafficking, and in 2014 I begin to study endogenous parvoviruses, switching my main research focus to this field. In 2019 I move to the Institute of Biomedical Sciences of Universidad Andres Bello in Santiago, were I have also become the director of the PhD program in biomedicine.