

A pioneer in integrating **genomics and bioinformatics**

Eugene Berezikov

PhD, Professor

Eugene is a **Professor of Stem Cell Biology, Regeneration, and Ageing** at the **University of Groningen** and a **Group Leader** at the **European Research Institute for the Biology of Ageing (ERIBA)**, part of the **University Medical Center Groningen**. He earned his **PhD in Cell Biology** from the **Institute of Cytology and Genetics in Novosibirsk, Russia**, in 2000, followed by **postdoctoral research** at the **Hubrecht Institute in Utrecht**, the Netherlands.

A **pioneer in integrating genomics and bioinformatics**, Eugene made significant contributions to the study of **small RNAs** during the field's early development. His work led to his appointment as a **Group Leader at the Hubrecht Institute in 2007**. Later, he shifted his research focus to establish the **flatworm *Macrostomum lignano*** as a **model organism** for studying **stem cells** and **regeneration**.

In **2012**, Eugene moved his lab to **ERIBA**, where he continued developing this model organism. Under his leadership, his team:

- **Sequenced and assembled** the **genome and transcriptome** of *M. lignano*
- Developed **transgenesis methods**
- Identified **stem cell markers**
- Explored the relationship between **aging** and **regeneration** in this species

Through this research, Eugene has acquired significant expertise in **genomics**, including the development of **novel RNA-seq techniques**. This expertise has fostered **numerous collaborations** with both **basic and medical researchers** across various fields.

Since **2024**, he has served as **Director of Genomics and Transcriptomics Research** at **iPsomics**, where he continues to drive **innovation in genomics** and its **biomedical applications**.