

CASE STUDY

# Embase™

Avinash Permraj, Research Scientist in Biotechnology,  
Management of Scientific Centers

Embase serves as an exhaustive knowledge resource



## SUMMARY

Discover how Avinash Permraj of Management of Scientific Centers uses Embase to deal with the information deluge in animal biotechnology and veterinary research.

# “Embase serves as an exhaustive knowledge resource.”

– Avinash Preraj, Research Scientist in Biotechnology,  
Management of Scientific Centers

## 3 THINGS YOU LIKE ABOUT EMBASE

1. Exhaustive coverage of scientific databases
2. Efficient filtering and export of data
3. Extremely useful drug and disease concept content

### What is your institute's focus?

We perform applied and basic research in animal biotechnology, wildlife conservation, animal nutrition, and animal healthcare, among other things.

### How long have you been with Management of Scientific Centers?

For 6 years.

### What is the focus of your work?

I am the principal investigator on many scientific projects in biotechnology. With my team of 6 post-graduates, I work on the development of biosimilars for veterinary use, running small-scale in vivo experiments. My tasks include writing scientific proposals, guiding research, driving projects, and writing scientific papers. I also collaborate with veterinarians to provide biotechnological solutions to their diagnostic or therapeutic problems.

### What inspires and motivates you?

A thirst for knowledge. Innate immune mechanisms and their successful application in animal healthcare is my area of interest.

The constant conflict between invading pathogens and the host's defenses has made the immune system a finely tuned biological system with the potential to clear any pathogen attacks. At the same time, pathogens also evolve new means of overcoming these defenses. Identifying the roles of the innate immune molecules of the host provides us with efficient strategies for animal disease prevention and treatment.

### What keeps you awake at night?

Knowing that I have to stay up-to-date with an ever-increasing amount of information on biological processes, novel techniques, and new concepts — or as I call it, dealing with an information deluge!

### How does Embase support you?

I found it particularly useful when I worked as a group leader on an international drug discovery project. Embase serves as an exhaustive knowledge resource that I and other researchers in multiple locations around the world can share. It lets us locate and annotate scientific data that is crucial for our research project communications and new scientific proposals.

### Would you recommend Embase to your colleagues?

Absolutely. It's such a comprehensive source of information, especially for a drug discovery, and you have certainty about the security of your information.