



Departamento de Agronomía  
Universidad Nacional del Sur



Laboratorio de Estudios  
Apícolas

## Invitan a la Disertación

# What's going on in bee research at the Bees and Environment Unit of INRA-Avignon?



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Aula de Posgrado (al lado del LUM) - Dto. Agronomía

RESUMEN: The unit was created to investigate the causes of bee decline and its consequences. Our research unit put together the skills of three research teams on this topic including bee toxicology, bee biology and pathology, and bee ecology and pollination. That involves different scientific topics including: genomics, physiology, behavior, toxicology, pathology, epidemiology and ecology. The experimental scale ranges from gene to landscape. Pathogens, pesticides and nutritional resources are studied as primary causes of decline. Interactions are shown between nutrition and pathogens, pathogens and toxics. Recently, we decided to investigate on virus diversity in bees and its consequences on bee health, alone or in addition to other stressors. Social regulations and chemical communication have been studied for a long time. On the other hand, potential consequences of bee decline on pollination service are also studied.

A partnership associating different groups of stakeholders in the agricultural development and INRA scientists provides a strong workforce to transfer scientific knowledge and operational tools to beekeepers and facilitates a dialogue with the beekeeping sector.