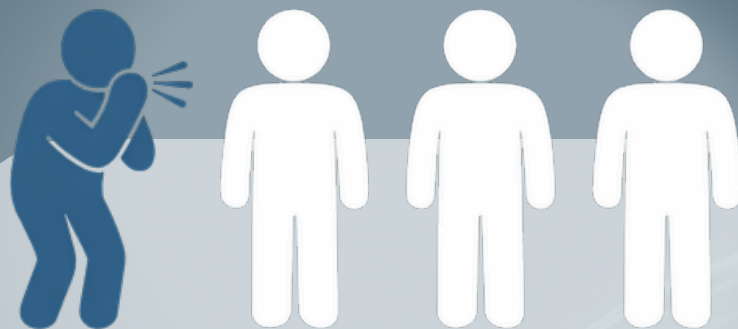


ALLERCLEAN

FROM CLEANING TO ALLERGEN CONTROL

**PROBIOTIC ANTI-ALLERGEN
DETERGENTS**





1 in 4 people

SUFFER FROM RESPIRATORY ALLERGIES

Allergic rhinitis affects hundreds of millions of people, with a prevalence of approximately **22.7% in Europe.***

* Al-Digheari, A., Mahboub, B., Tarraf, H. et al. The clinical burden of allergic rhinitis in five Middle Eastern countries: results of th

e SNAPSHOT program. Allergy Asthma Clin Immunol 14, 63 (2018). <https://doi.org/10.1186/s13223>

-018-0298 -x

RESPIRATORY ALLERGIES SIGNIFICANTLY IMPACT QUALITY OF LIFE



Asthma



Rhinitis



Conjunctivitis



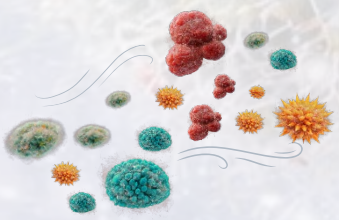
**Poor sleep
quality**



**Mood
deterioration**

Kalmarzi, R. N., Khazaei, Z., Shahsavari, J., Gharibi, F., Tavakoli, M., Khazaei, S., & Shariat, M. (2017). The impact of allergic rhinitis on quality of life: a study in western Iran. *Biomedical Research and Therapy*, 4(9), 1629-1637.
<https://doi.org/10.15419/bmrat.v4i9.370>

WHY DO WE DEVELOP RESPIRATORY ALLERGIES?



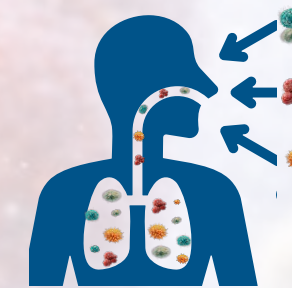
Respiratory allergens are present in dust.



They settle on surfaces.



They are then resuspended into the air through human activity,



and may be inhaled.



The immune system may overreact,



triggering an allergic response.

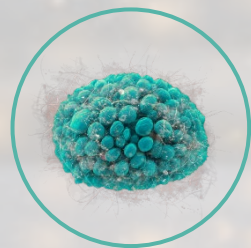
Repeated or prolonged exposure increases the risk of developing an allergy.

WHERE ARE RESPIRATORY ALLERGENS FOUND?



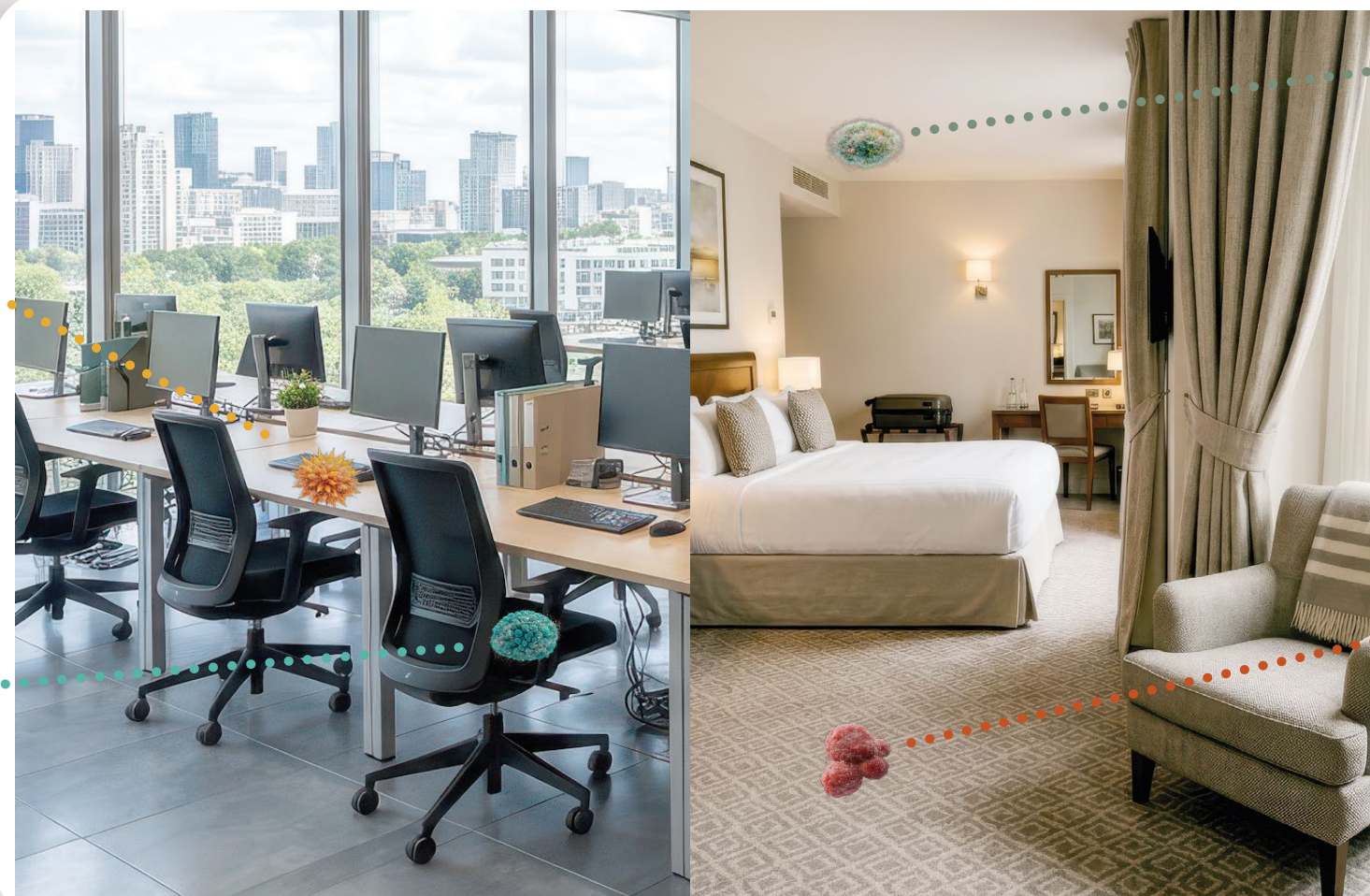
POLLEN

OUTSIDE
INSIDE : WINDOWSILLS,
TABLES, FLOORS,...



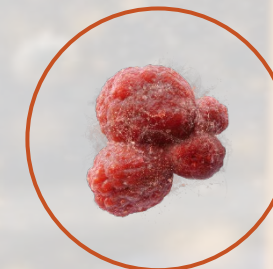
PET HAIR

SOFAS, RUGS,...



MOLD

WALLS AND DAMP AREAS



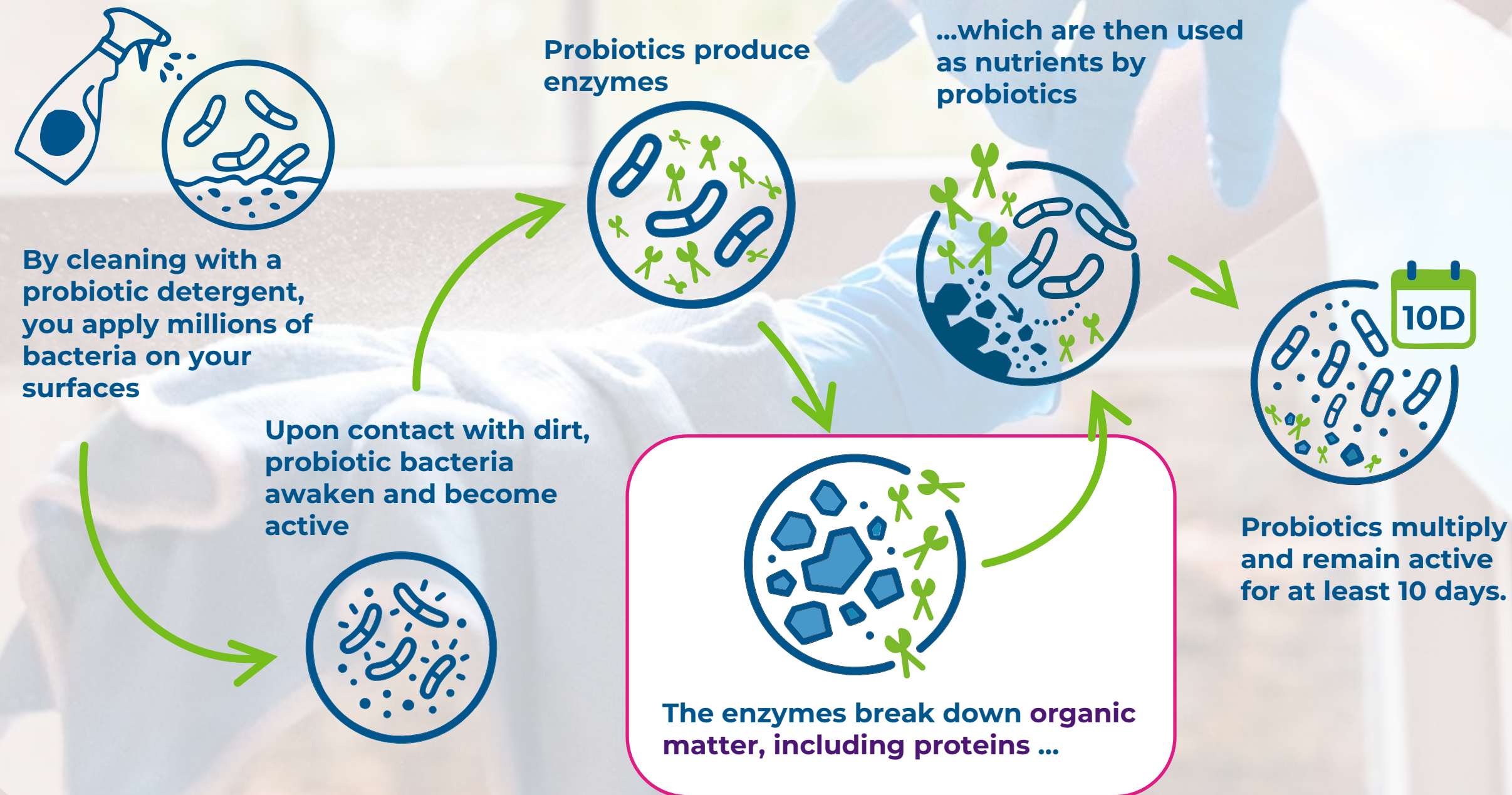
DUST MITE

BEDDING, SOFAS,
CARPETS,...



Can **cleaning** these **surfaces** provide a sustainable **solution**?

THE ACTION OF **PROBIOTIC DETERGENTS** ON ALLERGENS



Respiratory allergens are **proteins**. Probiotics break down proteins.

Can probiotics break down allergens?

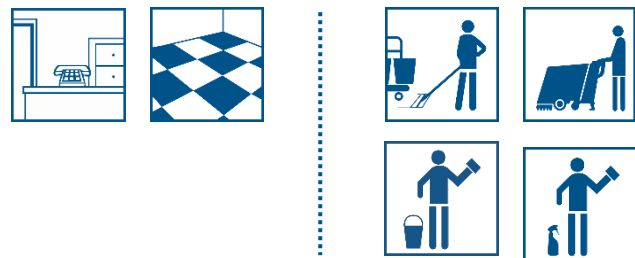
IMPROVE YOUR CLEANING WITH ALLERCLEAN



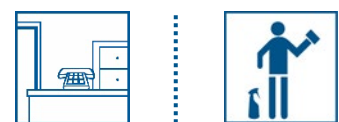
ALLERCLEAN
Surf spray



ALLERCLEAN
Multi



ALLERCLEAN
E-spray



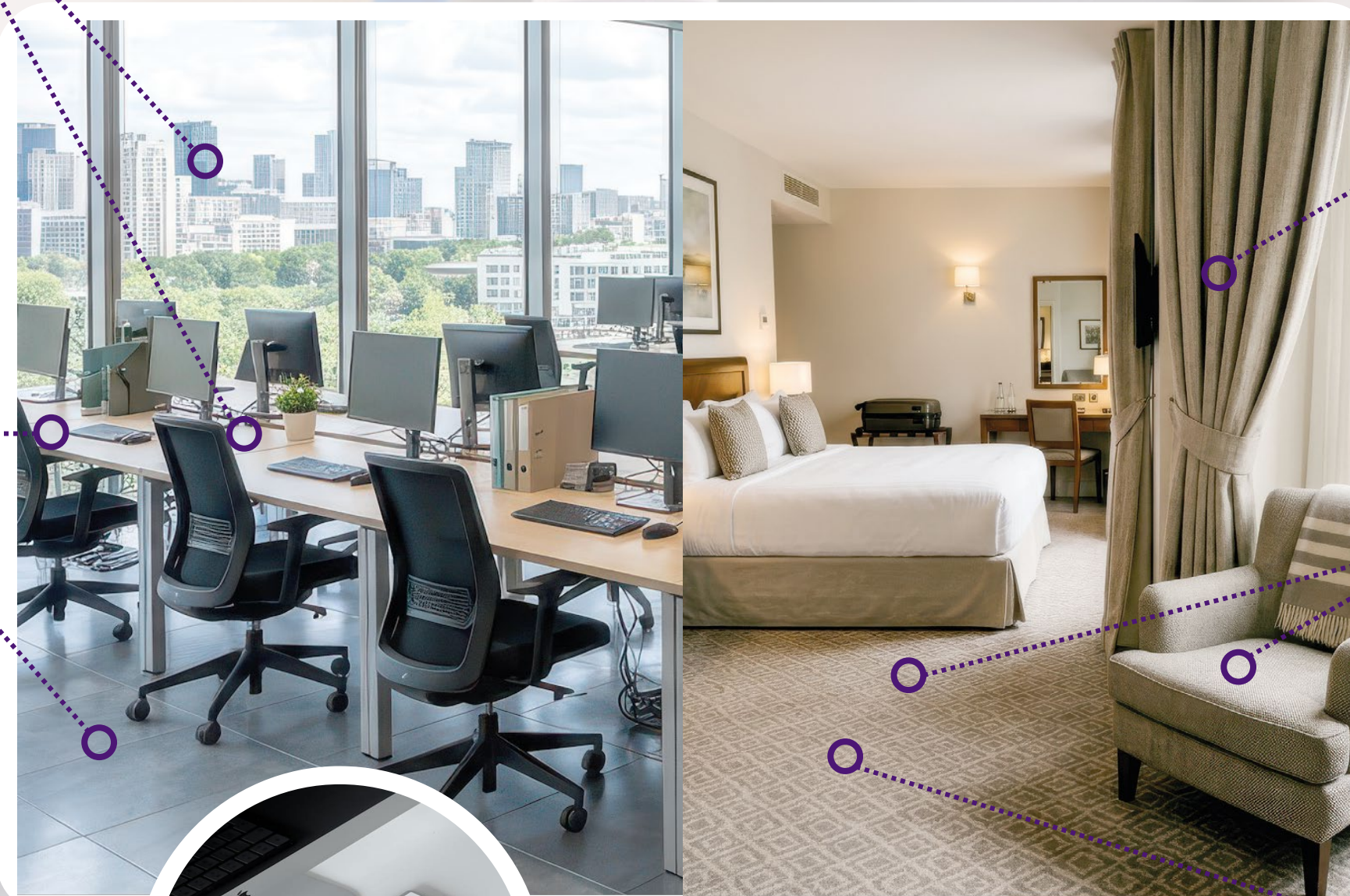
ALLERCLEAN
Textile spray



ALLERCLEAN
Carpet Extract



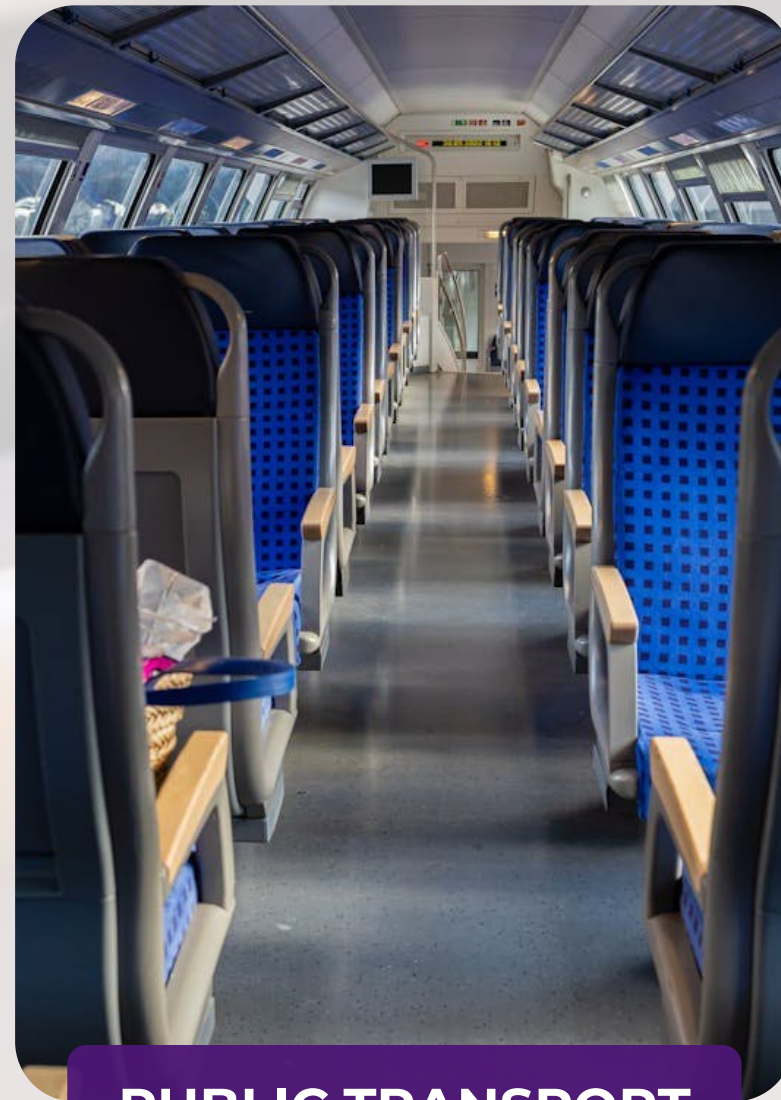
ALLERCLEAN
Carpet Shampoo



ANTI-ALLERGEN CLEANING FOR ALL INDOOR ENVIRONMENTS



OFFICES



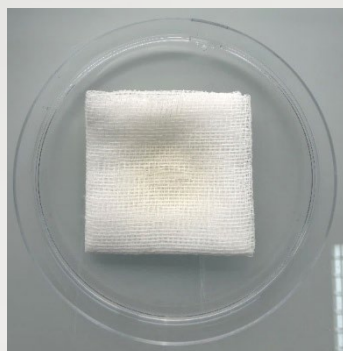
PUBLIC TRANSPORT



HOTELS

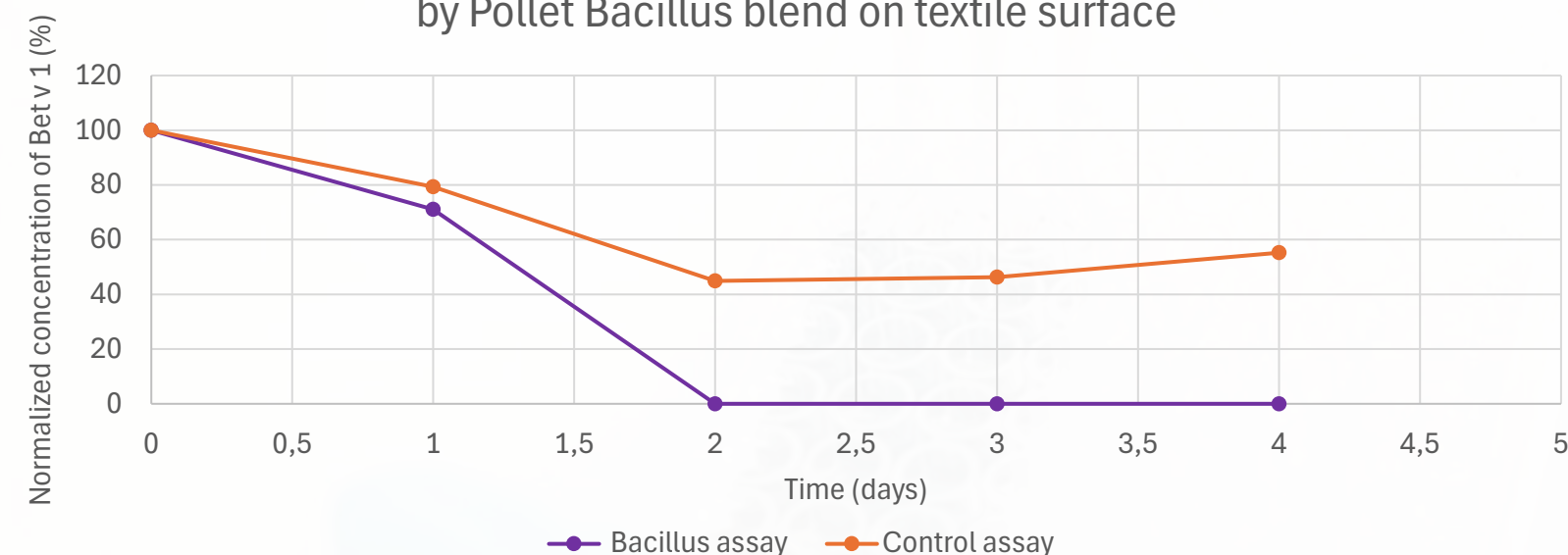


CULTURAL VENUES

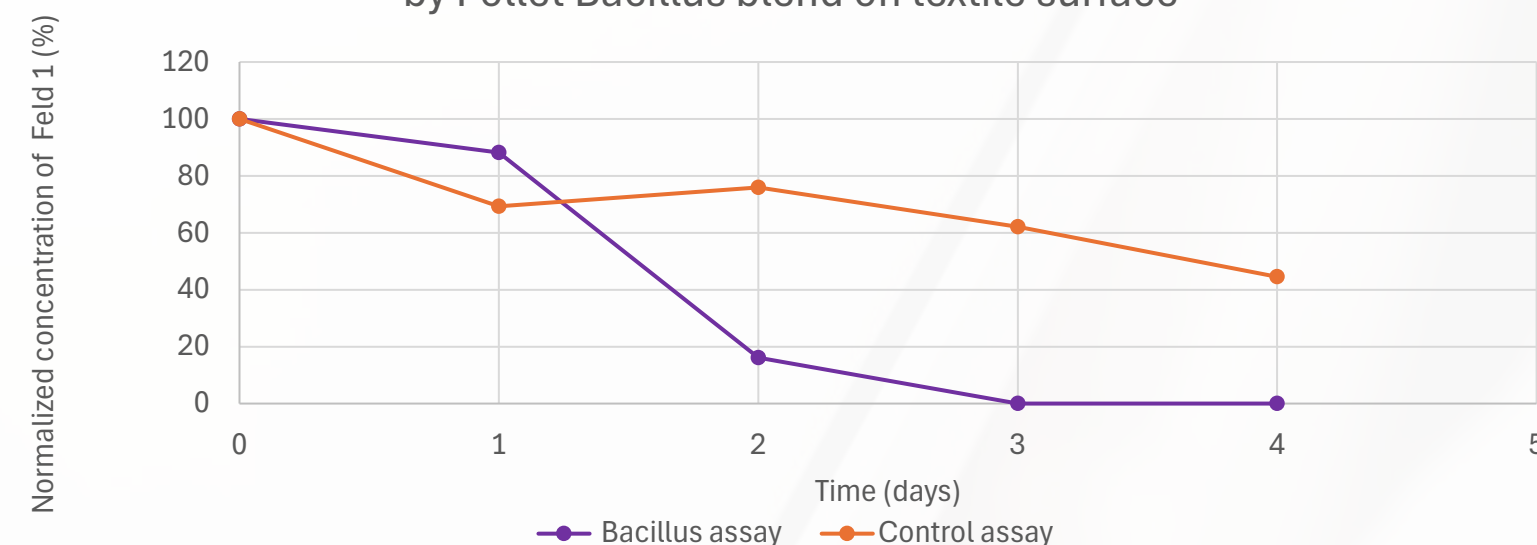


ALLERGENS DEGRADATION KINETICS ON SURFACES

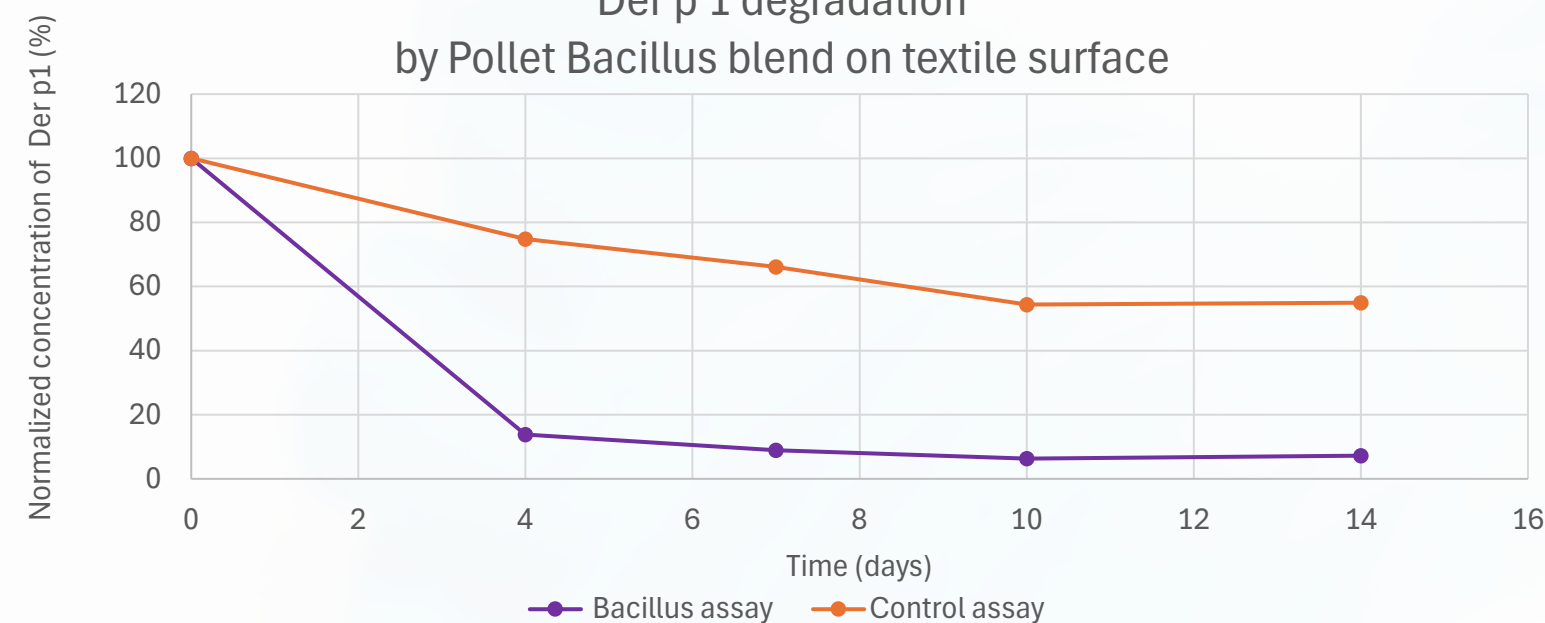
Bet v1 degradation
by Pollet Bacillus blend on textile surface



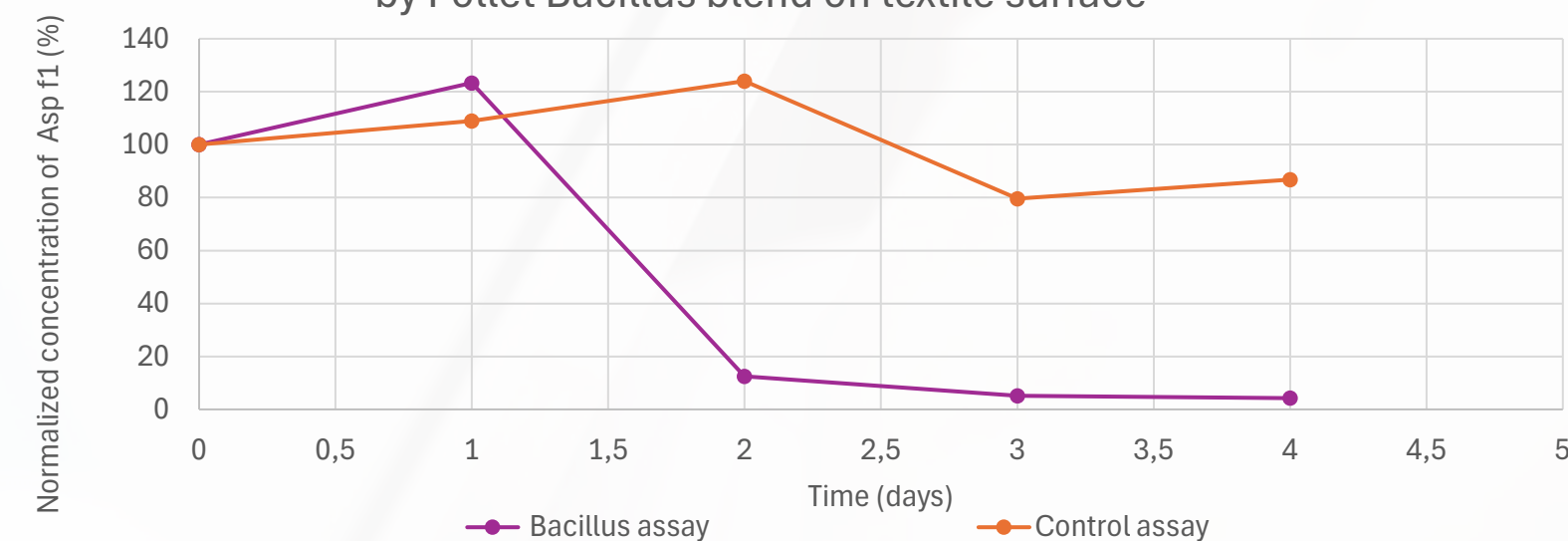
Fel d 1 degradation
by Pollet Bacillus blend on textile surface



Der p 1 degradation
by Pollet Bacillus blend on textile surface



Asp f1 degradation
by Pollet Bacillus blend on textile surface



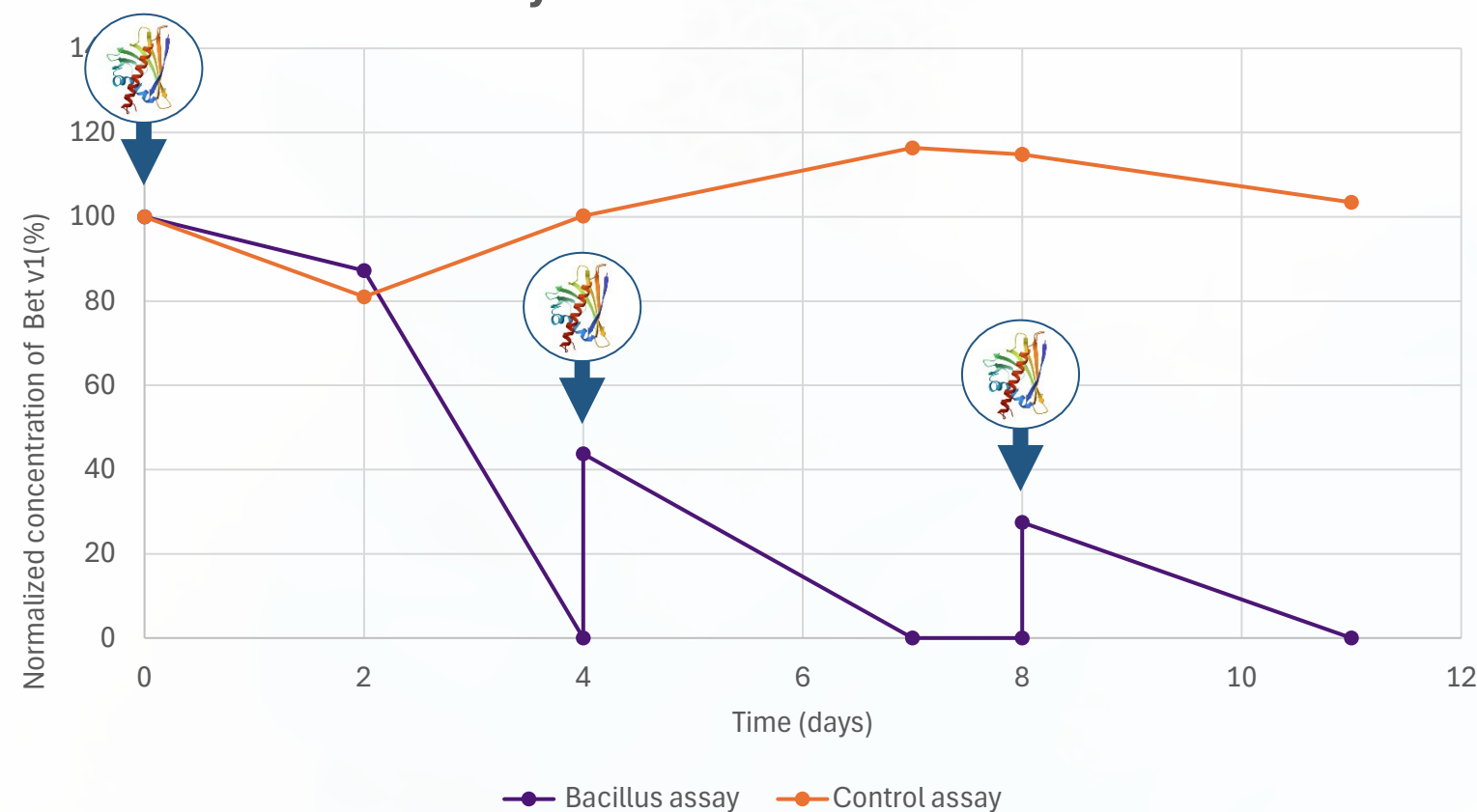


ALLERGENS DEGRADATION KINETICS ON SURFACES

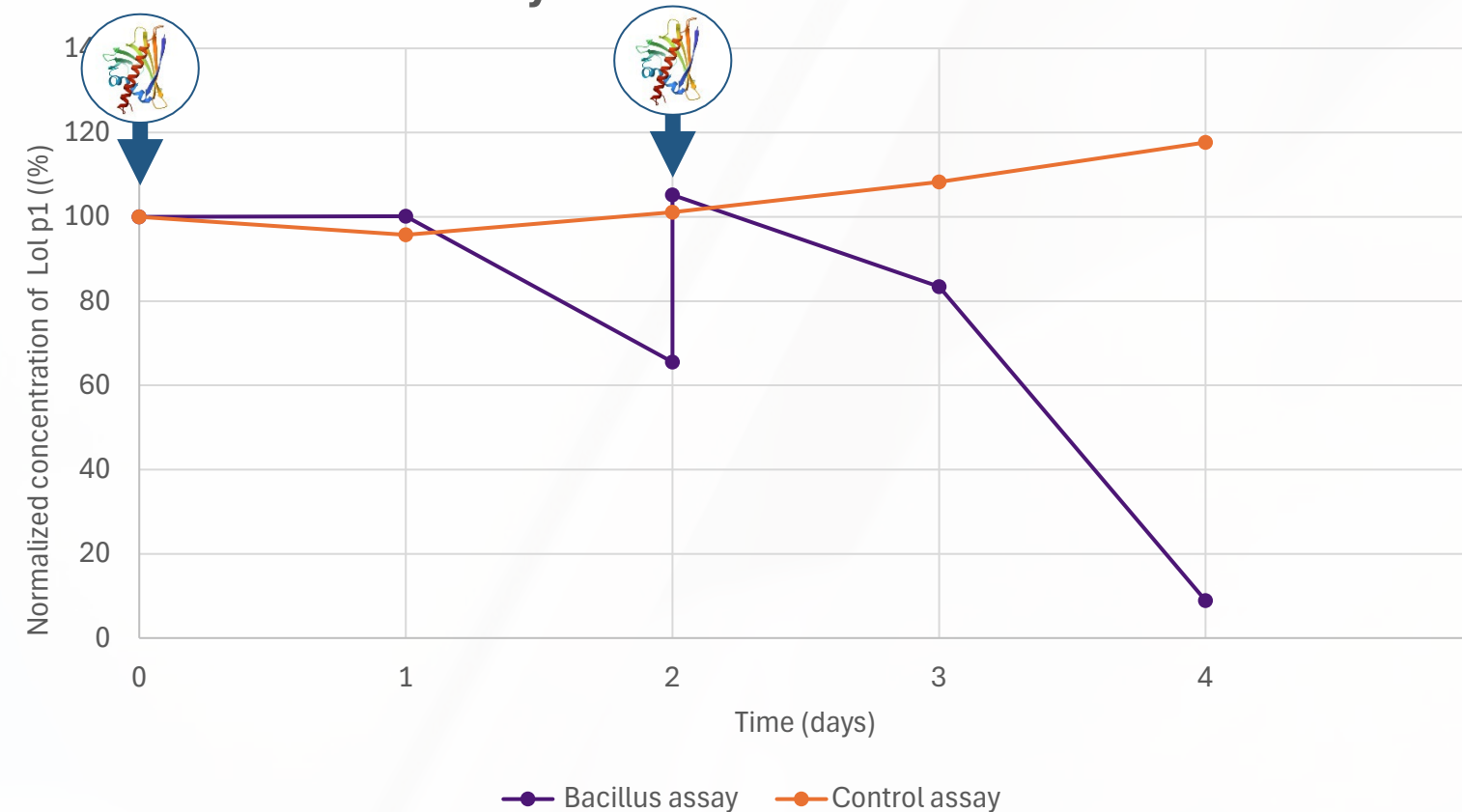


Advanced control of allergen degradation mechanisms by probiotics:
complete degradation on stainless steel surfaces within 2 to 4 days

**Bet v1 degradation
by Pollet Bacillus blend**



**Lol p1 degradation
by Pollet Bacillus blend**



MORE ABOUT US

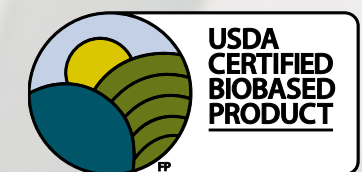
Pollet is a Belgian family-owned company, founded in 1763, that **develops, manufactures** and **supplies** high-performance, eco-friendly and probiotic **professional cleaning solutions**.

We have developed **hundreds of formulas** to meet all our customers' needs, and our products are distributed **in more than 20 countries**.

Our corporate certifications



Our **eco-friendly product** ranges have received the following certifications:



AN AMBITIOUS **INDUSTRIAL RESEARCH PROJECT**



1M€
invested



3 years
R&D



Supported by
the Walloon
Region



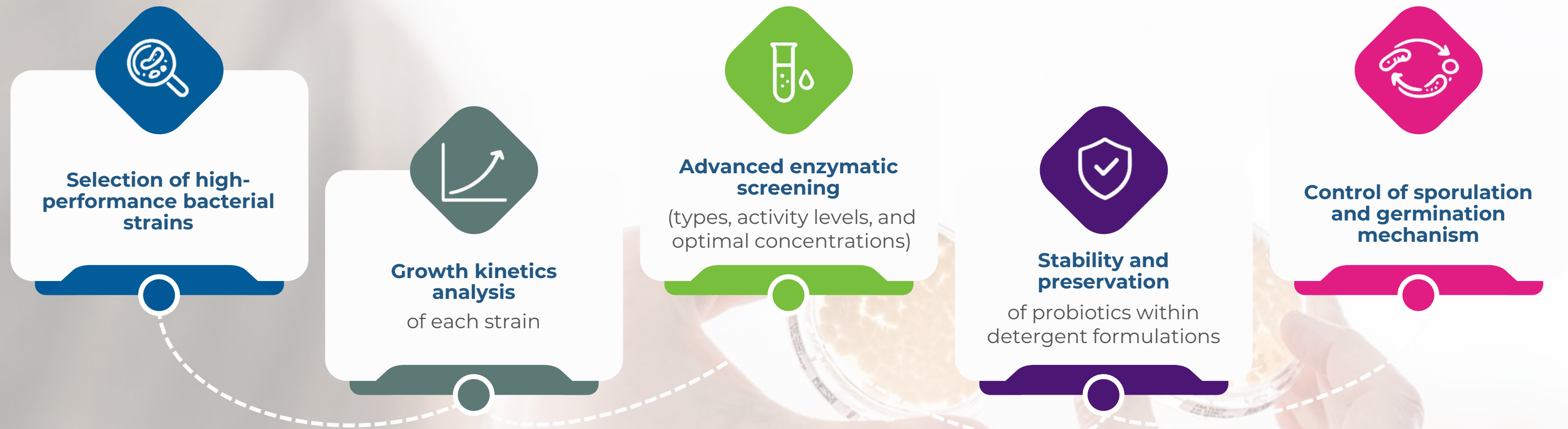
Patent
filed



3 dedicated
FTEs

25 YEARS OF EXPERTISE IN BIOTECHNOLOGY

Full mastery of the **probiotic detergent lifecycle** from strain selection to real-world performance



A rigorous and controlled process that ensures the development of efficient, stable, and reliable probiotic cleaning solutions, **designed to deliver long-lasting hygiene and measurable results** confirmed by internal and external testing