



BIOTEM

custom antibodies & services

Overview

Company Presentation

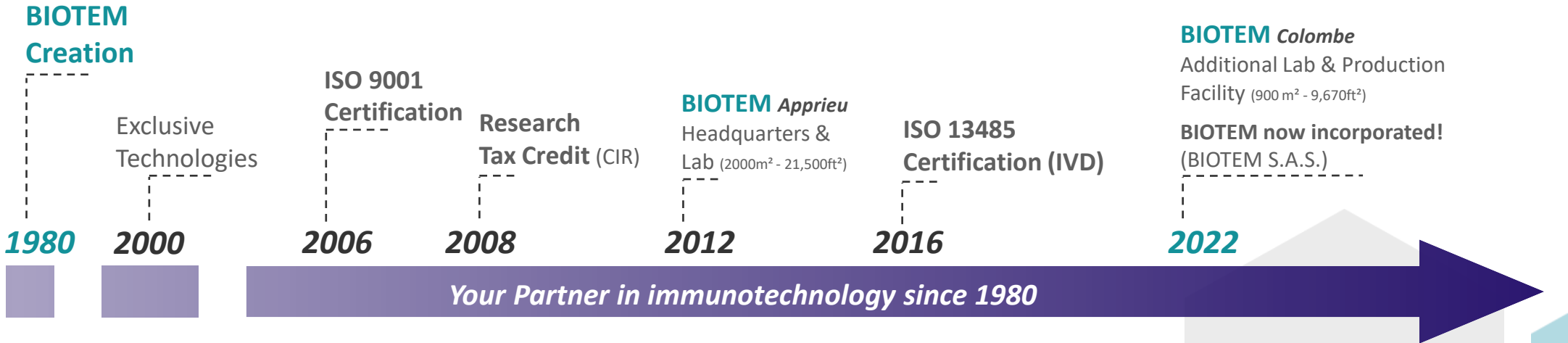
Our mission

Activities & Services

Quality Management

Our Commitment makes the Difference!

BIOTEM: Company Presentation



- ❖ Contract Research / Manufacturing Organization (C.R.O. / C.M.O.) in **immunotechnology**
- ❖ **Highly qualified staff** (52 employees including 7 PhD. and 10 MSc.)
- ❖ Headquarters & Research Labs (Auvergne-Rhône-Alpes – France)
- ❖ Unique Expertise and know-how
- ❖ Quality Standards: **ISO 9001:2015** and **ISO 13485:2016** (IVD)
- ❖ **Research Tax Credit accreditation (CIR)**



Our Commitment makes the Difference!

BIOTEM: High Added Value Services in Immunotechnology

- ❖ Unique Expertise and know-how
- ❖ Exclusive technologies
- ❖ Contract with **Guaranteed Results**
- ❖ **Research Tax Credit accreditation (CIR)**

> 100%

FEE FOR SERVICE

- ✓ No Claims
- ✓ No royalties
- ✓ No follow-up rights



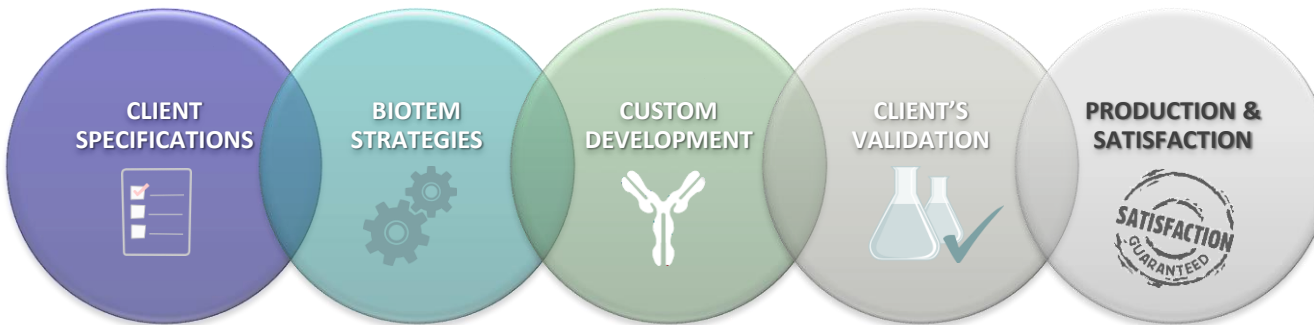
Clients

- Big-Pharma
- Diagnostics companies
- Biotechs
- Academic laboratories
- Hospitals & NGO

⇒ Framework agreements







BIOTEM: Activity Overview & Applications

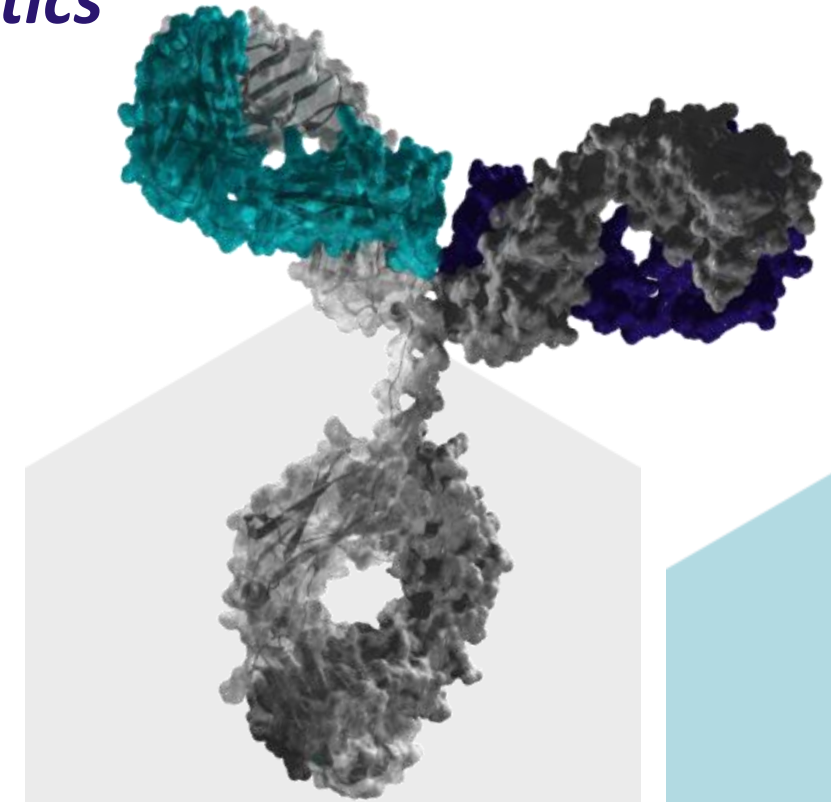
- ❖ **3 Departments to support you in your projects**
 - ✓ **HYBRIDOMA ANTIBODY**
 - ✓ **RECOMBINANT ANTIBODY**
 - ✓ **IMMUNOASSAY**
- ❖ Tailor-made solutions for **Research, Diagnostic & Therapeutic** applications
- ❖ **Personal assistance** during all the steps of the program



BIOTEM: Activity Overview & Applications

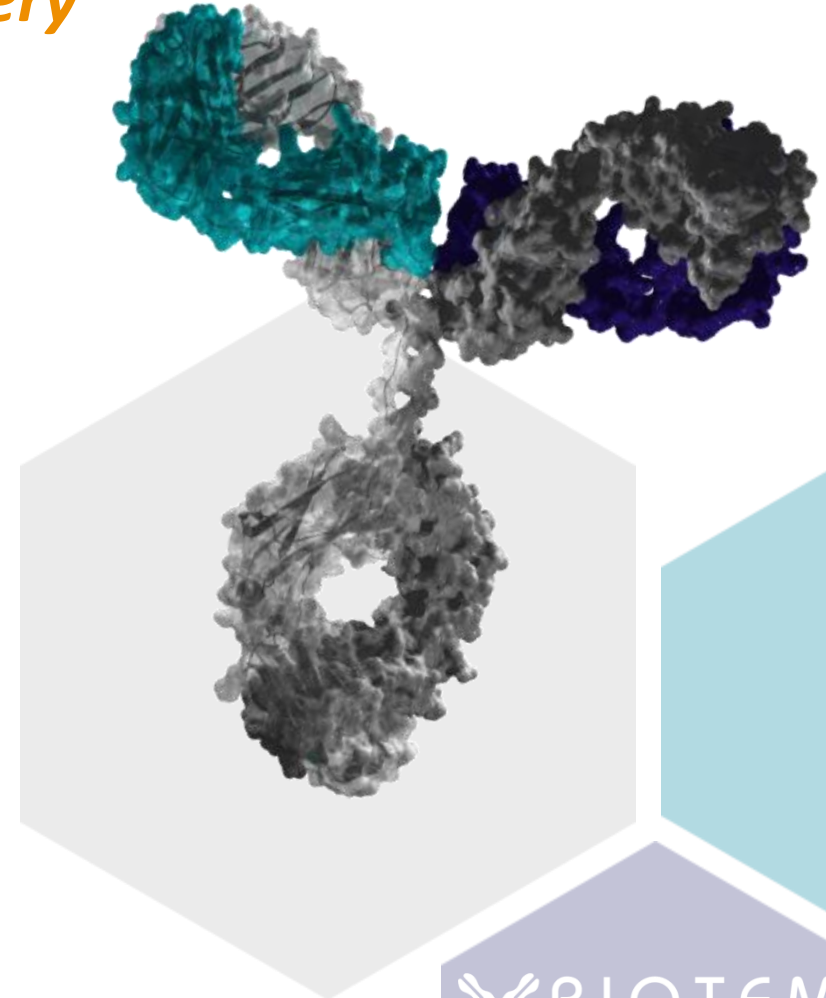
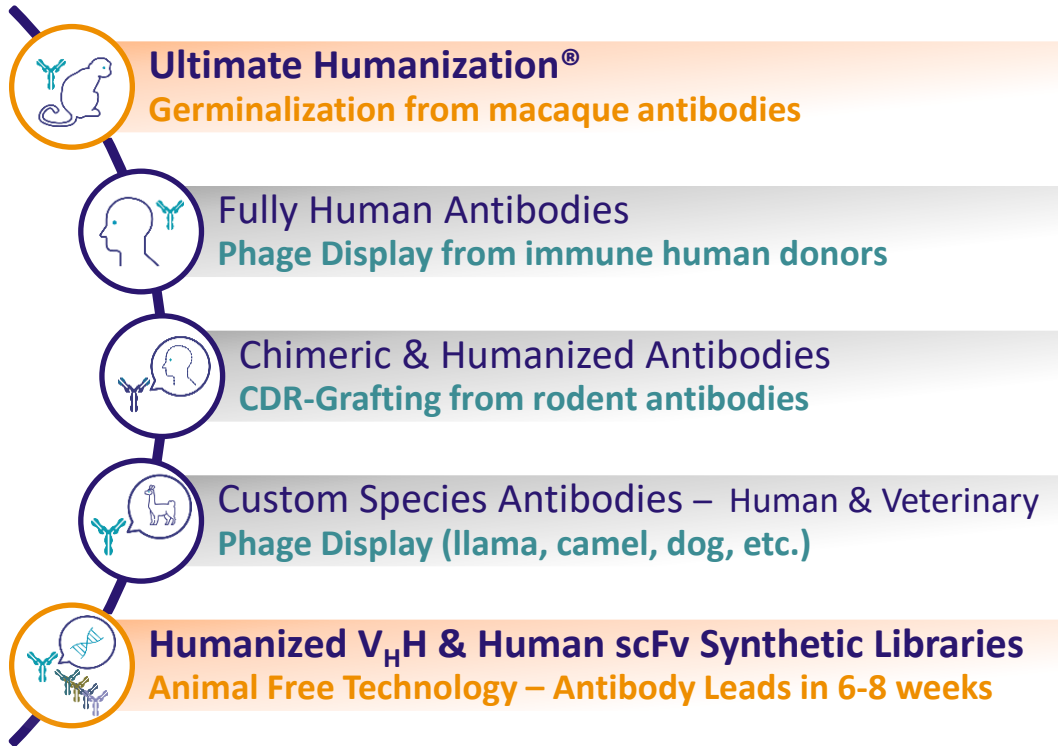
Custom Antibodies *Research & Diagnostics*

-  Mouse & Rat Monoclonal Antibodies
Hybridoma / Phage Display
-  Rabbit Monoclonal Antibodies
Phage Display
-  IHC Monoclonal Antibody
IHC Peptide Profiler® & IHC screening
-  Custom Species Antibodies – Immune Library
Phage Display (Veterinary Applications)
-  **V_HH & scFv Synthetic Libraries**
Animal Free Technology – Phage Display Screening
-  Polyclonal Antibodies
Several species – Custom protocols



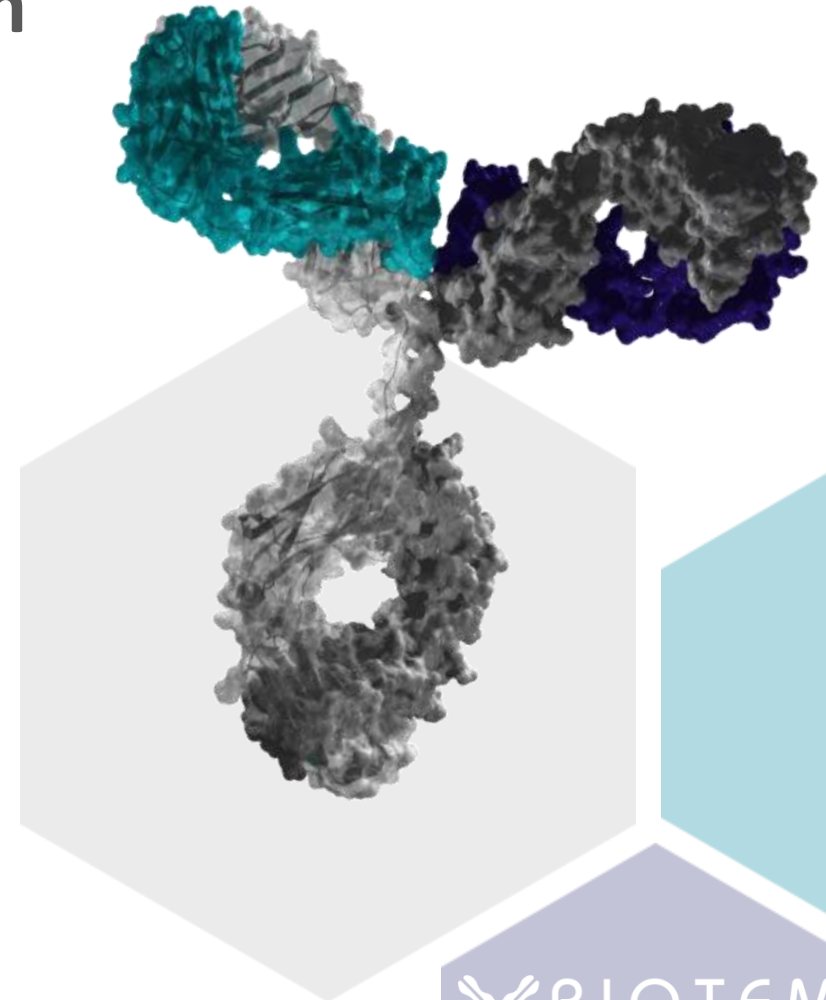
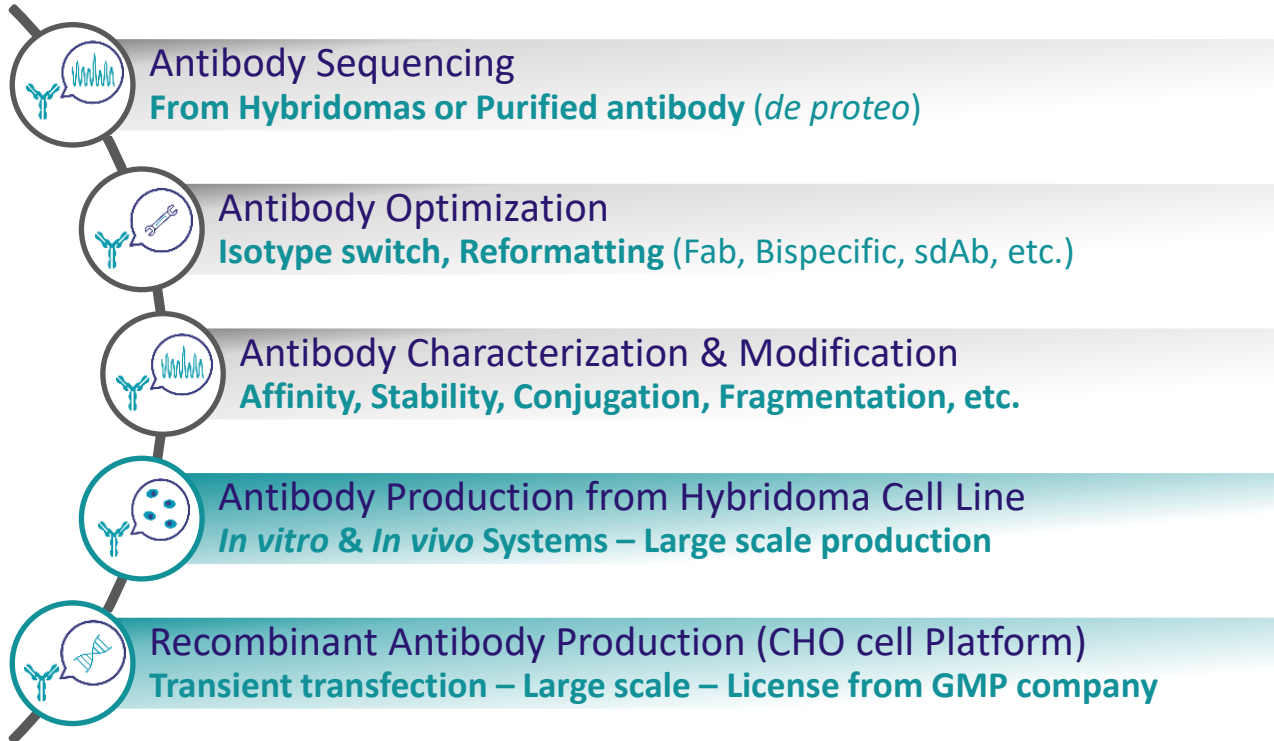
BIOTEM: Activity Overview & Applications

Recombinant Antibody Engineering Therapeutic Discovery



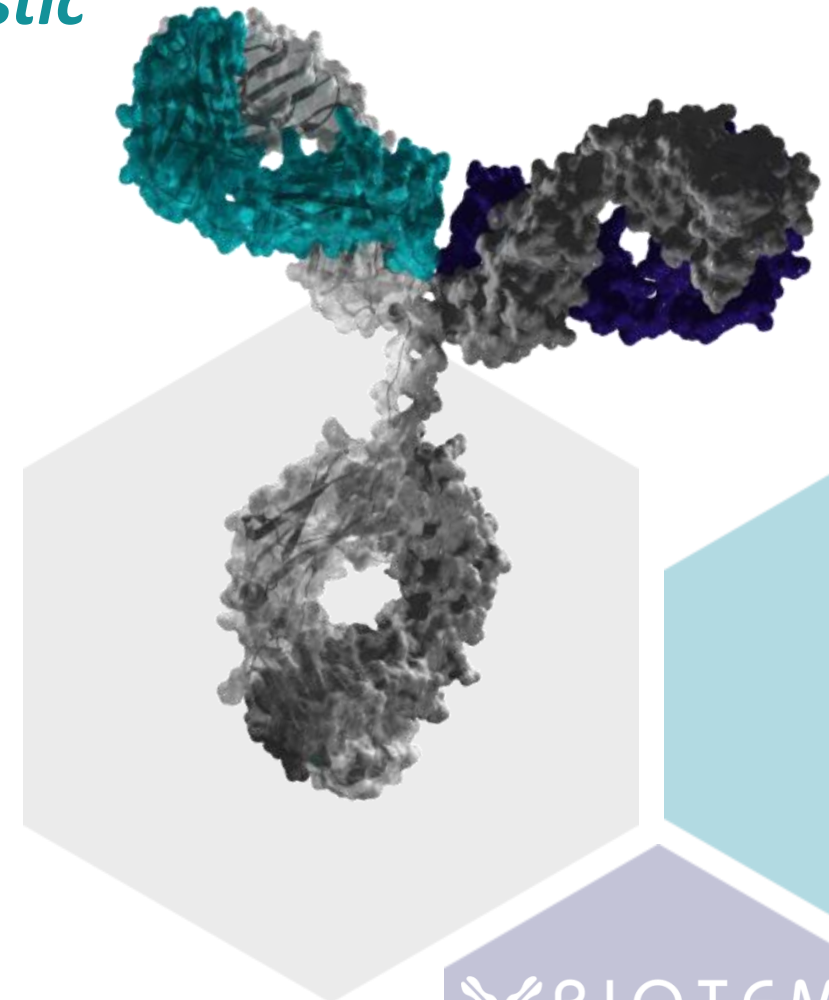
BIOTEM: Activity Overview & Applications

Antibody Production & Characterization



BIOTEM: Activity Overview & Applications

Immunoassays *Research & Diagnostic*



Quality Management

Your success and satisfaction is our priority!

Certification **ISO 9001:2015** (Quality Management Systems)
and **ISO 13485:2016** (IVD Medical Devices services)



- ❖ Mastery of design processes
- ❖ Compliance with regulations
- ❖ Demanding quality controls on delivered products
- ❖ Traceability and risk analysis
- ❖ Respect of delivery times
- ❖ Optimal project management



Our Commitment makes the Difference!

They trust us



Our Commitment makes the Difference!

Testimonials



K. Fischer – **dianova**

Gesellschaft für biochemische,
immunologische und mikrobiologische
Diagnostik mbH

“Dianova had a specific need to develop antibodies to work in IHC with paraffin embedded sections; the team and I found that BIOTEM did a very solid job. From the choice of the immunising antigen to the design of the whole project BIOTEM contributed with good ideas to shape it to our needs (or reshape it during the course). People at BIOTEM were always reliable, always had an open ear for our needs, ideas or concerns and managed to keep structure and concentration in such a special cooperation with several partners having different backgrounds or specific goals. Especially the coordination of the time sensitive inter-laboratory work over great distance and timely exchange of results worked well.”



C. Mary – **OSE**

Immunotherapeutics

“We worked with BIOTEM for the in silico humanization of our antibodies by CDR grafting and were very satisfied with the quality of the reports as well as by the applied price. The amino acid modifications proposed by BIOTEM for the humanization and the optimization of the antibodies were well explained and prioritized, which rendered the testing of the humanization variants more efficient. I particularly enjoyed the ease of interaction with the specialists and their very professional advice.”



G. Gilbert – **Rhythm**

Biosciences

“Following the de-risking the scientific aspects of our test and whilst finalising the clinical performance of our simple, low cost, global mass-market blood test for the early detection of colorectal cancer, RHYTHM BIOSCIENCES sought out a manufacturer capable of fulfilling Rhythm's ambition to bring this Australian innovation to the world and to address the significant unmet global need. During a robust global manufacturer selection process, we appointed and worked with BIOTEM for the optimisation and production transfer of our ELISA IVD medical device. BIOTEM, and more particularly its Immunoassay platform, has shown professionalism and efficiency with allowing for the easy monitoring of the project given the distances between the two entities. We are delighted with this long term collaboration and the upcoming production prospects.”



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