



**EXPRESSION**  
BIOTECHNOLOGIES

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CSO & Co-founder

# WHO WE ARE

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**SME** Founded in January  
2010 in Hørsholm, **Denmark**

As a privately owned CRO  
spin-off from Affitech A/S



**EXPRESION<sup>®</sup>**

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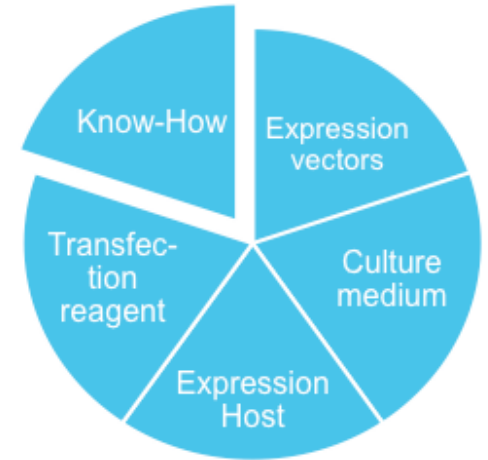
CHALLENGING PROTEINS MADE EASY

# OUR FOCUS

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*Drosophila* S2 insect cell  
expression system

Production of **ANTIGENS** for  
**R&D** and  
**CLINICAL TRIALS**



# WHY COLLABORATE WITH US

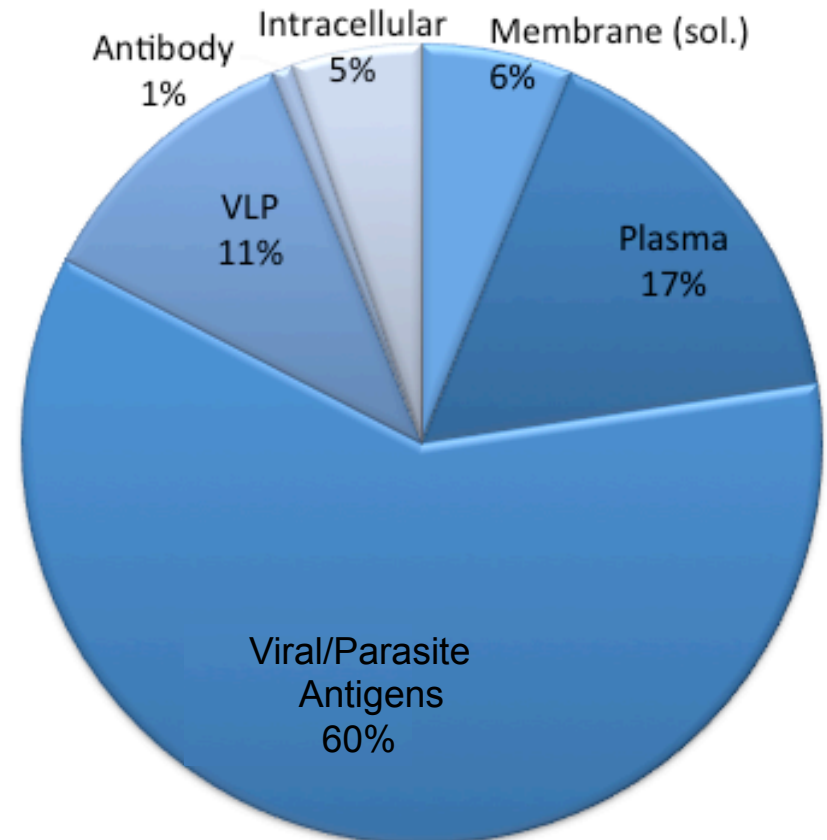
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# PROTEINS PRODUCED BY EXPRES<sup>2</sup>ION: >90% SUCCESS RATE

## Yields obtained by Polyclonal ExpreS<sup>2</sup> cell lines in Shake Flasks \*

<b>FLU: HA variants</b>	100-270mg/L
<b>RSV: F-protein</b>	1-10mg/L
<b>Malaria antigens</b>	5-100mg/L
<b>Flavivirus antigens and VLPs</b>	10-100mg/L
<b>Ebola Virus antigen</b>	9 mg/L pure
<b>Marburg Virus antigen</b>	Not yet determined
<b>East Coast Fever antigen</b>	Est. 10mg/L

\* Yields can typically be >10 fold increased by cloning



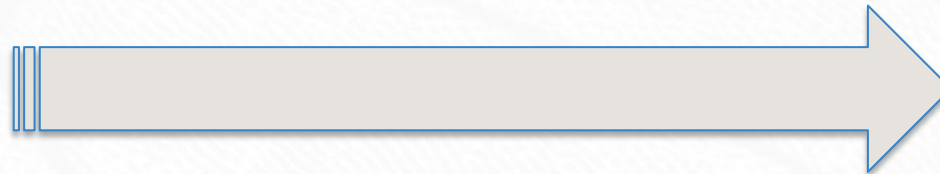
# PROVEN ExpreS<sup>2</sup> TECHNOLOGY

## CLINICAL STAGE OF THE PLATFORM

### Malaria



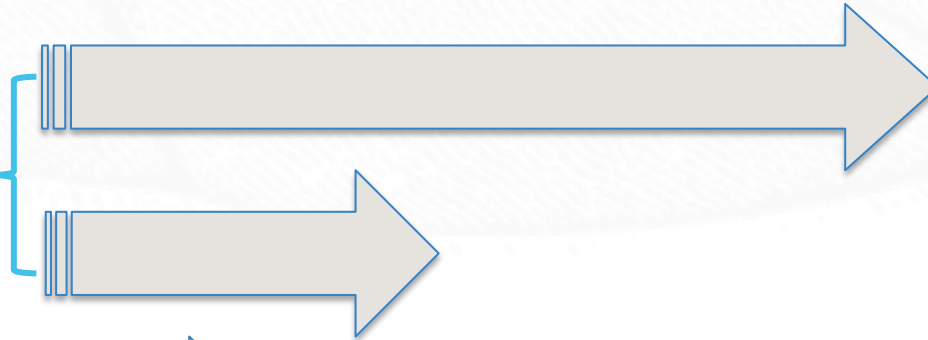
Placental



Q1  
2016

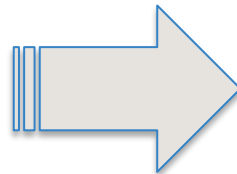


Blood stage



H1  
2016

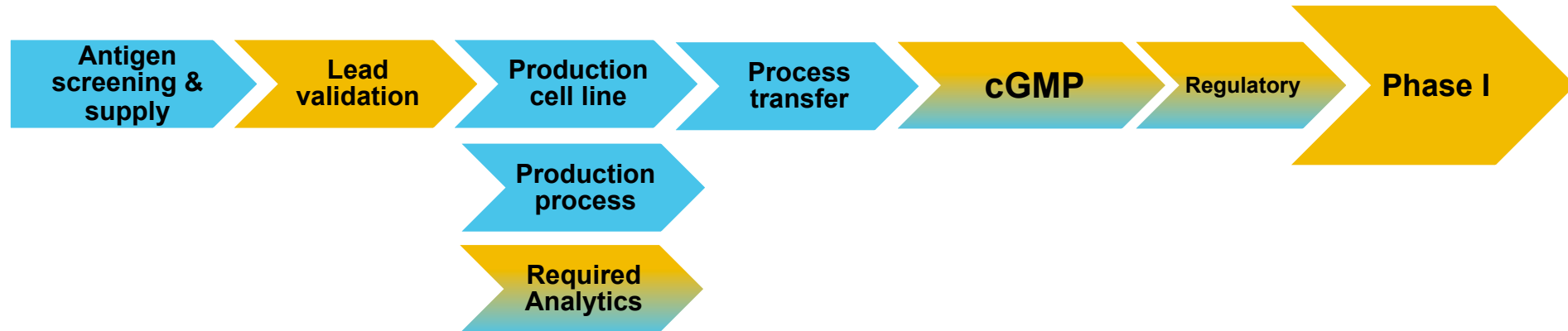
Transmission  
blocking



EXPRE<sup>S</sup>ION<sup>®</sup>

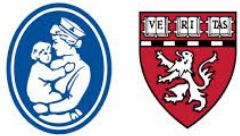
# WHERE WE CAN HELP

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# ACADEMIC COLLABORATORS

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Boston Children's Hospital  
Harvard Medical School



DEPARTMENT OF BIOCHEMISTRY  
UNIVERSITY OF OXFORD



ERHARD KARLS  
UNIVERSITÄT  
TUBINGEN



IRD  
Institut de recherche  
pour le développement



Technical University of Denmark

SIR WILLIAM DUNN  
SCHOOL OF PATHOLOGY



# PROVEN TRACK RECORD IN GRANT FUNDED COLLABORATIONS

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**Our aim:**  
**Helping to get your vaccines into the clinic  
as fast as possible**

**Contact details**  
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