

Whole Cell Panning

Screening on

human muscle cells

2 phage clones selected

✓ Endocytosis (in vitro tests)

2 peptides selected

**Endocytosis** 

(in vitro tests)

Lysosomes partial coloc.

**Prospects** 

in vivo tests

health

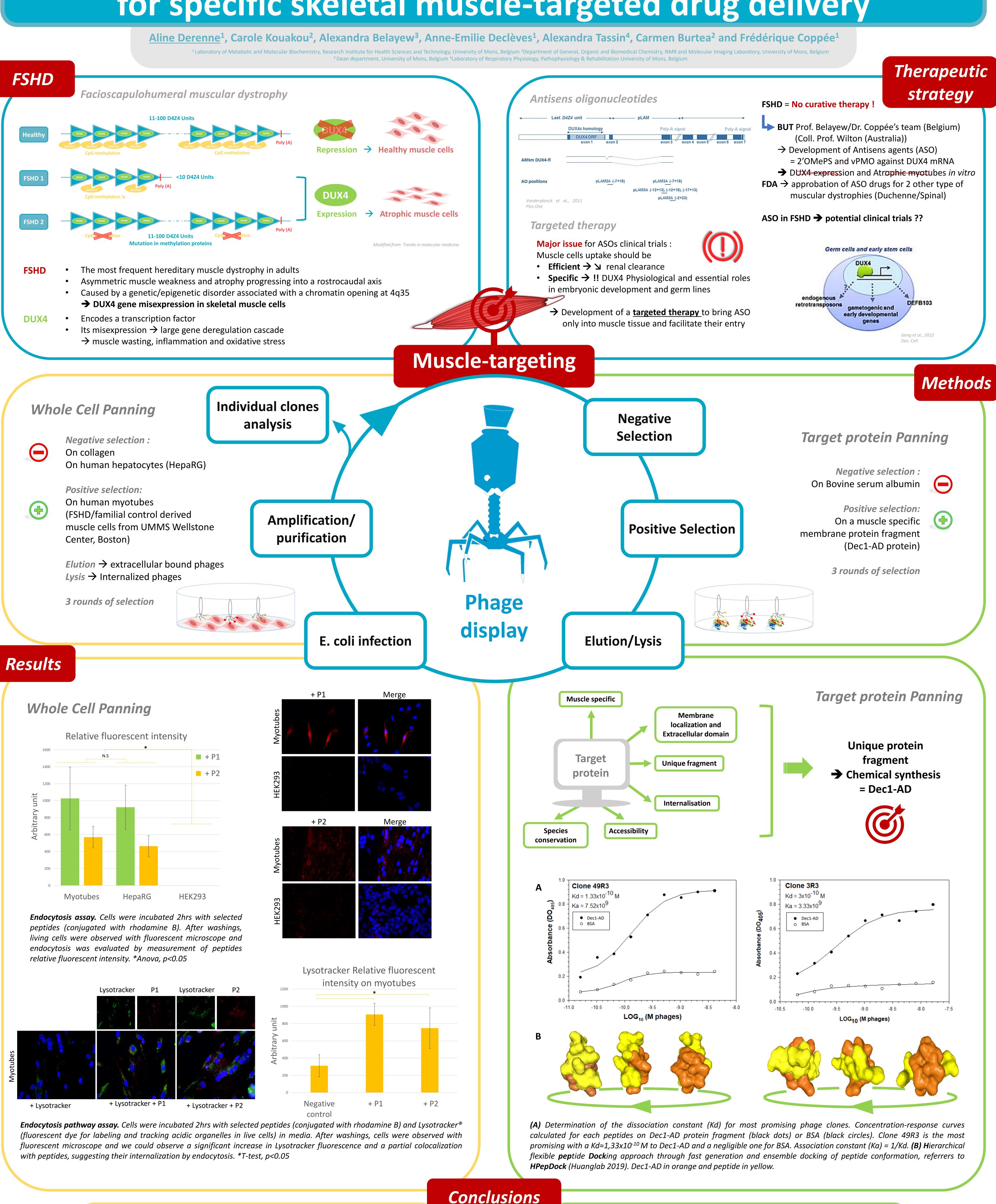
**UMONS RESEARCH INSTITUTE** 

FOR HEALTH SCIENCES

AND TECHNOLOGY



## Development of peptides for specific skeletal muscle-targeted drug delivery



**Final Prospect** 

Peptide

PolyC nano-

**Screening on** 

Dec1-AD

2 phage clones selected

**Kd Evaluation on** 

- Dec-1 AD

- AD protein

Prospects:

- in vivo tests

peptides synthesis

in vitro tests (muscle/hepatic cells)