



# Engineered Extracellular Vesicles (EVs) for Targeted Ligand Display and Therapeutic Protein Delivery

CRS 2024 Annual meeting.

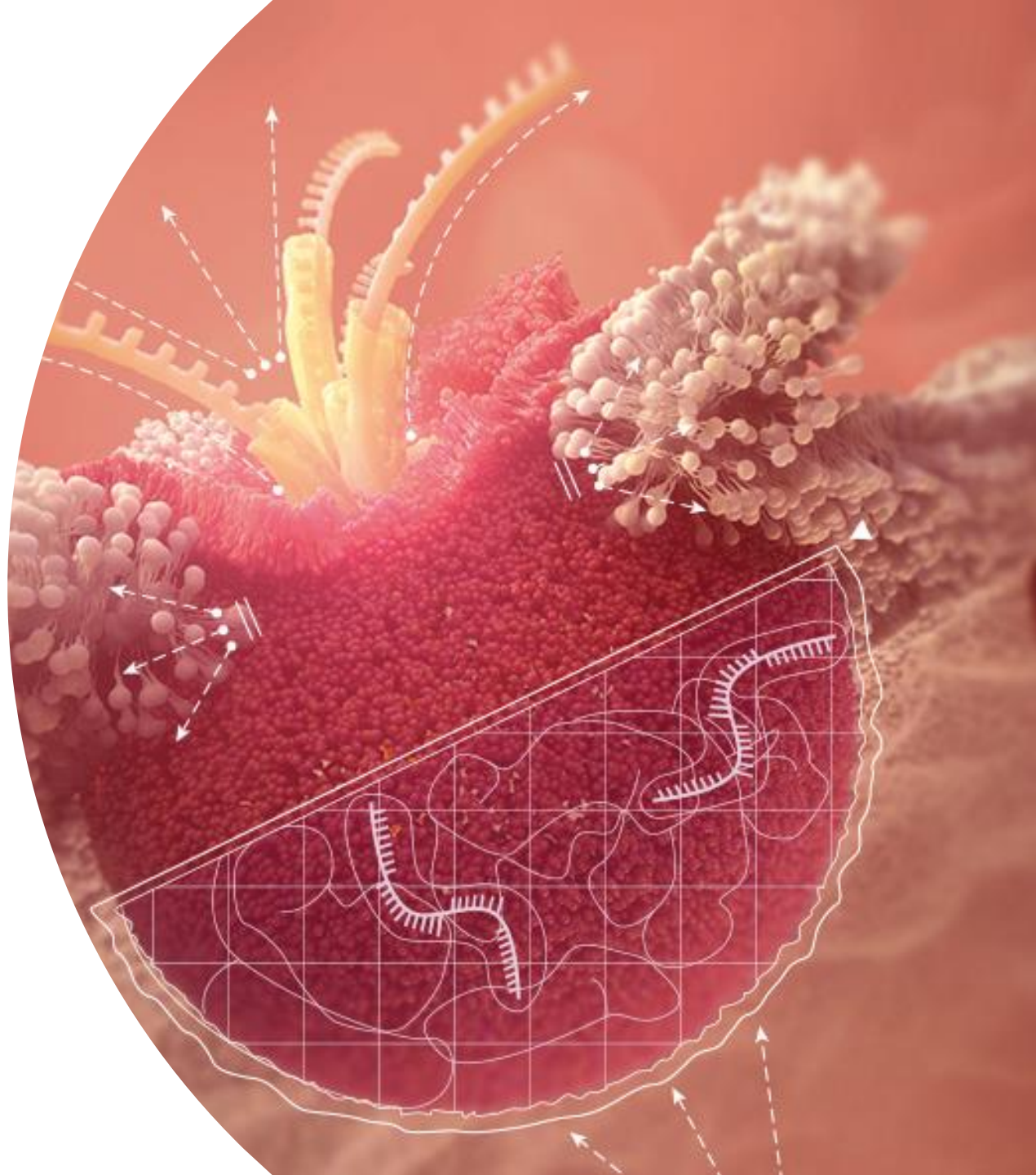
Gene Delivery and Gene Editing II. **Poster: 172**

**Elisa Lázaró Ibáñez.**

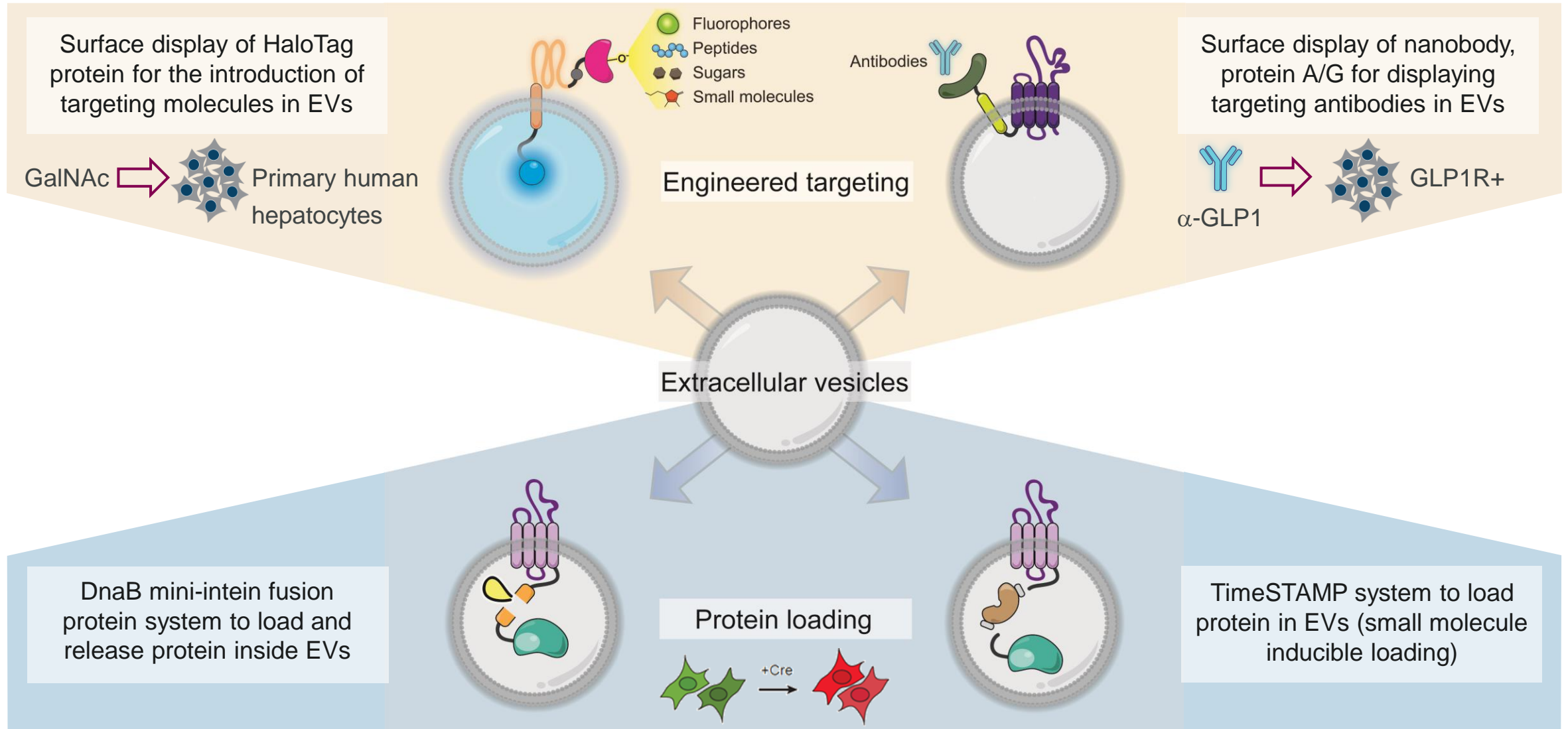
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AstraZeneca R&D

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# Creating Designer EVs for cell targeting, protein loading and payload delivery



# Acknowledgements

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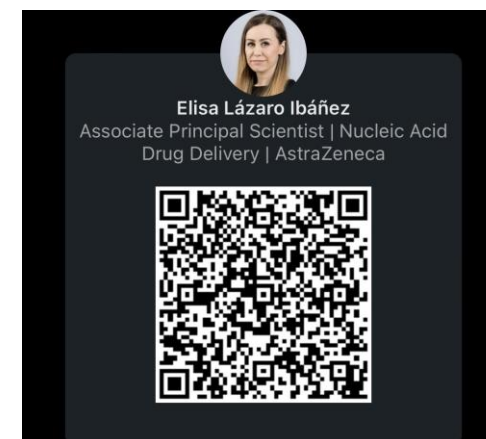


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## POSTER Q&A 172

## Publications



### RESEARCH ARTICLE

ADVANCED  
SCIENCE  
www.advancedscience.com

**Creating Designer Engineered Extracellular Vesicles for Diverse Ligand Display, Target Recognition, and Controlled Protein Loading and Delivery**

Alena Ivanova, Lukas Badertscher, Gwen O'Driscoll, Joakim Bergman, Euan Gordon, Anders Gunnarsson, Camilla Johansson, Michael J. Munson, Cristiana Spinelli, Sara Torstensson, Liisa Vilén, Andrei Voirel, John Wiseman, Janusz Rak, Niek Dekker, and Elisa Lázaró-Ibáñez\*



### RESEARCH ARTICLE

ISEV

**Quantification of protein cargo loading into engineered extracellular vesicles at single-vesicle and single-molecule resolution**

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