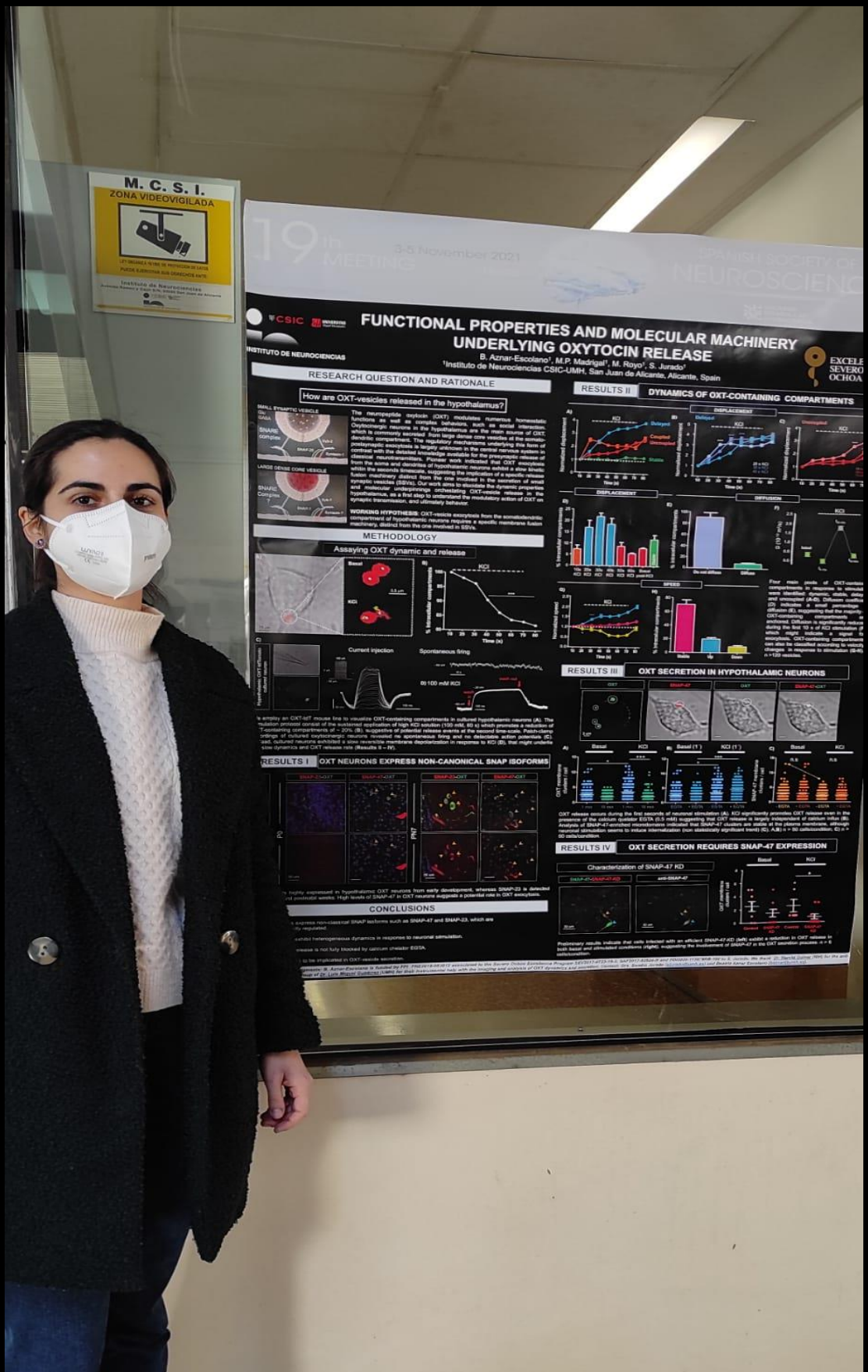
M. C. S. I.
ZONA VIDEOVIGILADA
Instituto de Neurociencias
19th MEETING
3-5 November 2021
SPANISH SOCIETY OF NEUROSCIENCE
CSIC
INSTITUTO DE NEUROCIENCIAS
FUNCTIONAL PROPERTIES AND MOLECULAR MACHINERY UNDERLYING OXYTOCIN RELEASE
B. Aznar-Escolano[1], M.P. Madrigal[1], M. Royo[1], S. Jurado[1]
[1]Instituto de Neurociencias CSIC-UMH, San Juan de Alicante, Alicante, Spain
EXCELE SEVERO OCHOA
RESEARCH QUESTION AND RATIONALE
How are OXT-vesicles released in the hypothalamus?
METHODOLOGY
Assaying OXT dynamic and release
RESULTS I
OXT NEURONS EXPRESS NON-CANONICAL SNAP ISOFORMS
CONCLUSIONS
RESULTS II
DYNAMICS OF OXT-CONTAINING COMPARTMENTS
RESULTS III
OXT SECRETION IN HYPOTHALAMIC NEURONS
RESULTS IV
OXT SECRETION REQUIRES SNAP-47 EXPRESSION