

Research

- 818 **Integration of Two In-depth Quantitative Proteomics Approaches Determines the Kallikrein-related Peptidase 7 (KLK7) Degradome in Ovarian Cancer Cell Secretome**
[S] *Lakmali Munasinghage Silva, Thomas Kryza, Thomas Stoll, Christine Hoogland, Ying Dong, Carson Ryan Stephens, Marcus Lachlan Hastie, Viktor Magdolen, Oded Kleifeld, Jeffrey John Gorman, and Judith Ann Clements*
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[S] *Lukas Jancker, Rupert L. Mayer, Andrea Bileck, Dominique Kreutz, Johanna C. Mader, Kirsten Utpatel, Daniel Heudobler, Hermine Agis, Christopher Gerner, and Astrid Slany*

On the cover: Phagosomes are essential organelles linking innate and adaptive immunity during host defense that were analyzed by quantitative LC-MS/MS to characterize their spatiotemporal changes in dendritic cells (*lower left*). Displayed is a dendritic cell (*upper left*) phagocytosing antigen-coupled beads (*red*) that interact with lysosomes (*green*). Some of these beads appear yellowish in this image because they have fused with surrounding lysosomes, a hallmark of phagosomal maturation. An artistic view of the same cell (*right*), drawn and colored manually emphasizes the complexity of phagosome maturation. Image: Anne-Marie Pauwels, Illustration: Jasmien Vercruysse. For details see the article by Anne-Marie Pauwels *et al.*, pages 909–922.

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