第10回HiHA Seminar

Hiroshima Research Center for Healthy Ageing (HiHA)

主催：広島大学健康長寿研究拠点

HIROSHIMA UNIVERSITY

Membrane trafficking control by cargo receptors

Dr. Manuel Muñiz

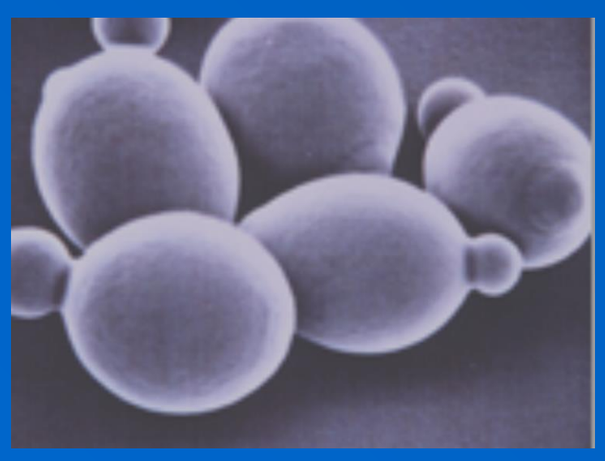
University of Seville, Spain

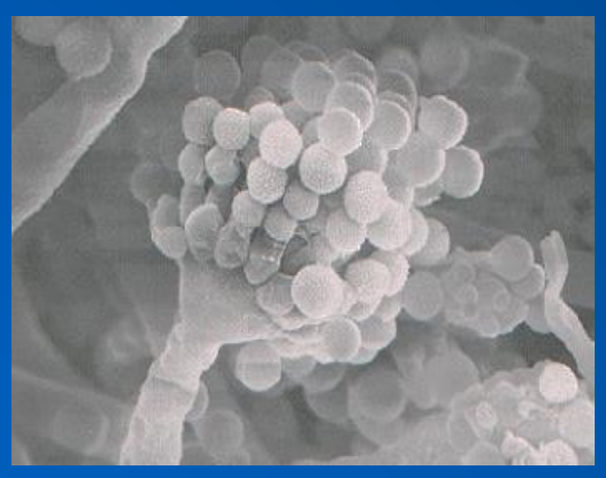
（Facilitator：Kouichi Funato,
Graduate School of
Biosphere Science)

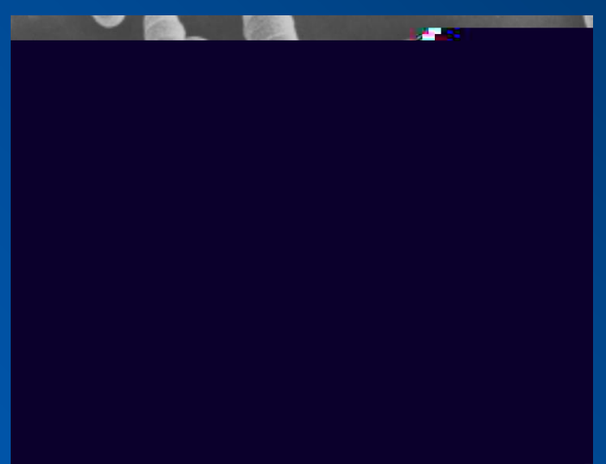
Manuel Muñiz博士は小胞体におけるタンパク質の選別輸送に関する世界的な研究者です。来日にあたり、小胞輸送における積荷受容体タンパク質についてご講演をして頂くことになりました。教員・院生・学部生を問わず多数のご来聴をお待ちしております。

SUMMARY

Endoplasmic reticulum (ER) cargo receptors are major transmembrane components of the early secretory pathway that continuously cycle between the ER and Golgi apparatus. They are primarily required by a number of secretory cargo proteins for efficient incorporation in nascent COPII vesicles. Nevertheless, during the last years we have obtained evidence in yeast that cargo receptors, instead of simply being passive travelers of COPII and COPI vesicles, can actively regulate the membrane trafficking machinery. In this seminar, Dr. Manuel Muñiz will present data pointing to a relevant role for cargo receptors in maintaining the structural and functional homeostasis of the early secretory pathway.







本セミナーは5研究科共同セミナーです。

開催日時：平成 28 年 10月 14日(金) 16:00-17:00

会場：広島大学先端科学総合研究棟 3F 302S 会議室

お問い合わせ先

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