

PhD Course in Biochemistry & Molecular Biology

Thesis Defense AY2023

Aula Fleming 09:30

9:30-10:00 Candidate: PENG Fan

Title Thesis: High baseline levels of PD-L1 reduce the heterogeneity of immunosuppressive signature to sensitize anti-PD1 therapy in a tumor size-dependent manner

Tutors/Supervisor: Prof. Yuhui Huang & Prof. Eleonora Candi

10:00-10:30 Candidate: LIU Rui

Title Thesis: Spermidine endows macrophages an anti-fibrotic capacity to ameliorate liver fibrosis through promoting mitochondrial function

Tutors/Supervisor: Prof Changshun Shao, Prof. Gerry Melino

10:30-11:00 Candidate: HAN Yuyi

Title Thesis: Therapeutic role of mesenchymal stem cells in preventing retinal degeneration through modulating the population of MHCII⁺ microglia during neuroinflammation

Tutors/Supervisor: Prof. Yufang Shi, Prof. Eleonora Candi

11:00-11:30 Candidate: ZHU Mengting

Title Thesis: The Role of ELOVL4 in Regulating Keratinocytes Differentiation

Tutors/Supervisor: Prof. Eleonora Candi, Prof. Massimiliano Agostini

11:30-12:00 Candidate: HOU Pengbo

Title Thesis: Using imaging mass cytometry combined with single-cell RNA-seq to decipher the dynamic spatiotemporal landscape of plaque cells in murine atherosclerosis

Tutors/Supervisor: Prof. Changshun Shao, Prof. Prof. Yufang Shi, Prof. Eleonora Candi

12:00-12:30 Candidate: YANG Xue

Title Thesis: Hippo pathway activation in aged mesenchymal stem cells contributes to the dysregulation of hepatic inflammation in aged mice

Tutors/Supervisor: Prof Changshun Shao, Prof. Eleonora Candi

12:30-13:00 Candidate: LI Yanan

Title Thesis: MMP12 drives stage-specific pro-regenerative effect of M ϕ during liver fibrosis

Tutors/Supervisor: Prof. Yufang Shi, Prof. Gerry Melino

13:00-13:30 Candidate: LIU Zhanhong

Title Thesis: Mesenchymal Stromal Cells Confer Breast Cancer Doxorubicin Resistance by Producing Hyaluronan

Tutors/Supervisor: Prof. Yufang Shi, Prof Changshun Shao, Prof. Gerry Melino