

Immunosenescence -

Hot Topics & Interventions

A Satellite Symposium of the 4th European Congress of Immunology
Saturday September 5, 2015

08:30 **Welcome Address**

08:40 **Keynote Lecture**

Arthur Kaser, Cambridge, UK: ER stress and autophagy conspiring in the Crohns' disease epithelium

09:20 **Session 1: Senescence of the mucosal immune system in lung and gut**

Elizabeth J. Kovacs, Chicago, USA: Aging and innate immune responses in the lung
Deborah Dunn-Walters, London, UK: The older B cell repertoire - a selective process?
Short presentations

10:30 *Coffee Break*

11:00 **Session 2: Immunosenescence and disease**

Andrea Cossarizza, Modena, Italy: Aging and immunosenescence in patients with HIV infection
Ruth Montgomery, New Haven, USA: Multiparameter analysis of immune responses to West Nile virus in aging
Short presentations

12:20 *Lunch*

13:30 **Keynote Lecture**

Werner Zwerschke, Austria: Caloric restriction

14:10 **Session 3: Immunosenescence and metabolism**

Elena Zoico, Verona, Italy: Adipokines and inflammation
Janko Nikolich-Zugich, Tucson, USA: Metabolic lesions in the response of aged CD8 T cells to stimulation and the ways to remedy them
Jörg J. Goronzy, Stanford, USA: Epigenetic evidence for dysregulation of mitochondrial function in aged T cells
Short presentations

15:50 *Coffee Break*

16:20 **Session 4: Cellular senescence and longevity**

Graham Pawelec, Tübingen, Germany: In vitro models of human T cell senescence
Judith Campisi, Novato, USA: Cellular senescence: Yin and yang
Short presentations

17:40 **Poster Session I**

18:20 **Poster Session II**

Sunday September 6, 2015

08:30 **Keynote Lecture**

Giuseppe del Giudice, Siena, Italy: Novel vaccines for the elderly

09:10 **Session 5: Vaccines for the elderly: Influenza**

Daniela Frasca, Miami, USA: Obesity, aging and influenza Vaccine responses
Laura Haynes, Farmington, USA: Aging and influenza vaccines
Short presentations

10:20 *Coffee Break*

10:50 **Session 6: Vaccines for the elderly: Beyond Influenza**

Heinz-J. Schmitt, Paris, France: Should adults be vaccinated against pneumococci - and if so, how?
Birgit Weinberger, Innsbruck, Austria: Booster vaccination in the elderly
Ilhem Messaoudi, Riverside, USA: Improving vaccines against herpes zoster
Short presentations

12:20 *Lunch*

13:30 **Immunosenescence: The funding agencies' perspective**

Rebecca Fuldner, Bethesda, MD: NIA
Mercy Prabhudas, Rockville, MD: NIAID

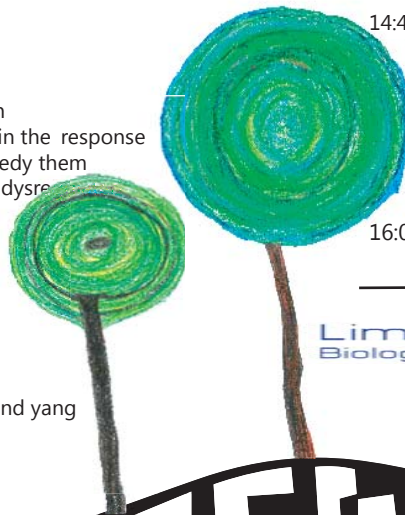
14:00 **Keynote Lecture**

Tyler Curiel, San Antonio, USA: Cancer immunotherapy and cancer immunoprevention in the aged

14:40 **Session 7: Intervention: How to reverse immunosenescence**

Arne Akbar, London, UK: Reconstitution of proliferation and telomerase activity in senescent cells by p38 MAP kinase inhibition
Janet Lord, Birmingham, UK: Immunosenescence: separating intrinsic processes from life-style effects
Tamas Fulop, Sherbrooke, Canada: Signaling changes in immune cells with aging: May these be targets to reverse immunosenescence?

16:00 **Closing Remarks**



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