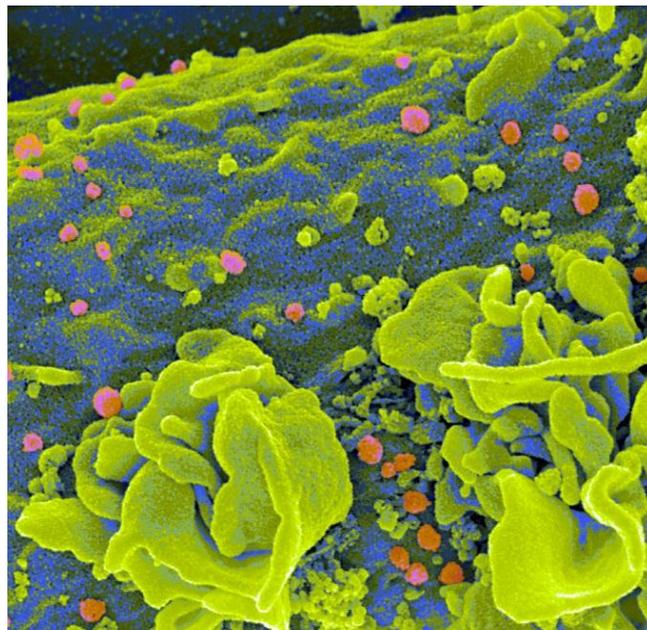


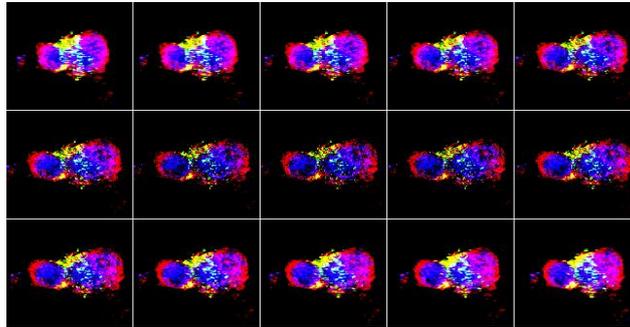
5th CIIT SCIENCE DAY

June 26th, 2014



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Unternehmen Gesundheit

Welcome



Remarks

To promote collaboration between science and teaching as well as to support diagnostics, therapy and prevention of infectious diseases, the 'Comprehensive Center for Infection, Immunity, and Transplantation (CIIT)' was founded at the Innsbruck Medical University in 2009. The CIIT is co-ordinated by a speakers' team from various disciplines and strengthens the interdisciplinary exchange by organizing lectures of local and external speakers and clinically oriented case studies (Grand Rounds).

A **highlight** in the CIIT event calendar is the **CIIT Science Day**. On June 26th, 2014, the **5th CIIT Science Day** will take place and again bring together allocated researchers with a special focus on infection, immunity and transplantation. This day gives an overview of current scientific topics and projects in respective research areas and on-going projects and studies are presented by scientists during guided poster tours. This year 43 abstracts have been submitted, which guarantees a broad scientific exchange and lively discussions.

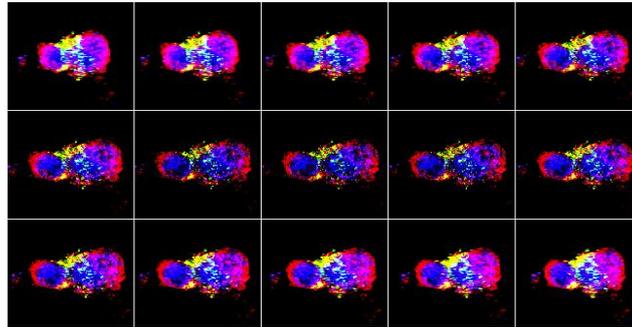
Additionally, we are very glad that this year Prof. Quentin Sattentau from the Sir William Dunn School of Pathology, Oxford University, will give the keynote lecture. The lecture is entitled '**Immune Cell Contact in HIV Spread**' and will give an overview on T cells and macrophages in the context of HIV infection and immunological and virological synapses.

Finally, we want to thank all people involved in the organization of this 5th CIIT Science Day, especially Susanne Rofner, Sonja Harm, the members of the CIIT speakers' team and the poster chairs. Furthermore, we want to acknowledge the Austrian Society of Allergology and Immunology (ÖGAI) and the companies, which supported us financially. They are listed in the back of the abstract book.

We wish all participants and guests an interesting and stimulating meeting and a lively scientific exchange with possible future collaborations.

Doris Wilflingseder and Thomas Sonnweber
on behalf of the CIIT speakers' team

Program



LOCATION: großer Hörsaal and Seminarräume MZA (Medizinzentrum Anichstraße 35)

Großer Hörsaal:

14.00-14.15 Introducing words: **Univ.-Prof. Günter WEISS**
Opening of the 5th CIIT SCIENCE DAY:
VRⁱⁿ Univ. Profⁱⁿ. Drⁱⁿ. Christine BANDTLOW

14.15-15.15 Keynote Lecture: **Univ.-Prof. QUENTIN SATTENTAU**
'Immune Cell Contact in HIV Spread'

15.30-17.35 Moderated Postersessions (Seminarräume 1+2)

		Postermoderator	Location
15.30-16:30 Postersession I+II	Poster 1-11	Jakob Troppmair	SR1
	Poster 12-22	Christine Heufler-Tiefenthaler	SR2
16.40-17.40 Postersession III+IV	Poster 23-33	Ernst Werner	SR1
	Poster 34-43	Hubertus Haas	SR2

Soft drinks and coffee will be available throughout the Poster sessions.

17.40-19.30 Posterdiscussions with light buffet and drinks

Abstract Index

Session	Nr.	Title	Presentator
I	1	Phlebotomy in a Rat Model of Rheumatoid Arthritis reduces Systemic Inflammation and Joint Destruction	A. Schroll
	2	The Role of Jak2 in Heparin-dependent Ferroportin Internalisation in Macrophages	M. Aßhoff
	3	Effects of Vasopressin on Migration and Oxygen Free Radical Release on Human Leukocytes	M. Stichlberger
	4	Regulation of tumor-promoting iron turnover is accomplished by tumor-associated macrophages	P. Tymoszuk
	5	Langerin+ dendritic cells can initiate anti-tumor CD8+ T cell responses against melanoma	D.G. Mairhofer
	6	The role of langerin-positive skin dendritic cells in skin carcinogenesis	D. Ortner
	7	Immunological Aspects of Iron Overload in Solid Organ Transplantation (SOT)	T. Resch
	8	Critical Ischemia Time and the Effect of Preservation Solutions on I/R Injury in a Rat Hind-Limb Transplantation Model	F. Messner
	9	Alkylglycerol monooxygenase in Adipocyte Differentiation	S. Sailer
	10	A New Biomarker Panel And Diagnostic Accuracy In Female Patients With ANCA-associated Vasculitis (DIVA) – A Pilot Study	A Kronbichler
	11	Donor Brain Death Does Not Aggravate The Ischemia/ Reperfusion Injury In A Murine Kidney Transplantation Model	P. Ritschl
II	12	Interaction between EHEC and innate immunity under gut condition	I. Arbesú Cruz
	13	Heat Shock Protein 70 family members participate in Amphotericin B resistance of <i>Aspergillus terreus</i>	M. Blatzer
	14	Complement opsonization of HIV-1 beats SAMHD1 restriction in dendritic cells	W. Posch
	15	Dendritic cell infection by complement-opsonized HIV is associated with an aberrant type I IFN response	M. Steger
	16	Siderophore Utilization determines Fungal Competitiveness	L. Schaffner
	17	DC-odding signaling mechanisms dependent on the viral make-up	U.Knackmuss
	18	HIV-1 Gene Therapy Using Zinc Finger Nucleases (ZFN)	K. Schmidt
	19	PKC Controls IL-10 Secretion in Macrophages during Protective Immunity against Infection with <i>Salmonella Enterica</i> Serovar <i>Typhimurium</i>	C. Pfeifhofer-Obermair
	20	Regulation of Iron Homeostasis and Immune Function in Murine	D. Haschka

		Macrophages Infected with <i>Listeria monocytogenes</i>	
	21	Lipocalin-2 Links the Maintenance of Iron Homeostasis to an Efficient Immune Response against <i>Salmonella typhimurium</i>	M. Nairz
	22	Bactericidal Activity of N-chlorotaurine against <i>Chlamydia pneumoniae</i>	R. Bellmann-Weiler
III	23	Human skin dendritic cells can be targeted in situ by intradermal injection of antibodies against lectin receptors	S. Schaffenrath
	24	LCMV-GP Pseudotyped Oncolytic Vesicular Stomatitis Virus for the Treatment of Prostate Cancer	C.R. Urbiola
	25	Role of Mitogen-activated Protein Kinases (MAPKs) and PKC in the Activation of p66SHC: A Novel Approach for the Prevention of ischemia/ reperfusion Injury (IRI)?	S. Khalid
	26	Heme oxygenase-1 gene promoter microsatellite polymorphism is associated with progressive atherosclerosis and incident cardiovascular disease	R Pechlaner
	27	The Viral Vector Vaccine VSV-GP Boosts the Immune Response upon Repeated Applications	J. Kimpel
	28	HFE Deficiency Critically Affects Cholesterol Homeostasis in Mice	E. Demetz
	29	The Arachidonic Acid Metabolome as Conserved Regulator of Cholesterol Metabolism	E. Demetz
	30	Pediatric Liver Transplantation: An Outcome Analysis of a 30-Year Experience in a Single Center	A. Weißenbacher
	31	Hand Transplantation at Innsbruck Medical University – The Clinical Experience after the Fifth Patient	A. Weißenbacher
	32	Hypoxia induced downregulation of hepcidin is mediated by platelet derived growth factor BB	T. Sonnweber
	33	Bone marrow T cells from the femur are similar to iliac crest derived cells in old age and represent a useful tool for studying the aged immune system	T. Pritz
IV	34	<i>In vitro</i> activity of amphotericin B and posaconazole against common agents of mucormycosis.	R. Caramalho
	35	Influence of hypoxia on antifungal susceptibility, sterol pattern and biomarker release of <i>Aspergillus spp.</i>	E. Maurer
	36	The homologous Lipocalins dog Can f 1 and human Lcn-1 direct Dendritic Cells to induce divergent Immune Responses corresponding to their Allergenicity	B. Posch
	37	In vitro effects of Ag and Al ₂ O ₃ nanoparticles on human peripheral blood mononuclear cells	K. Becker
	38	Neonatal Urinary Ascites due to intrauterine fetal Bladder Rupture	B. Brunner

		associated with severe maternal H1N1 Influenza Infection at 28 weeks of gestation – Case Report	
	39	The Role of Heme Oxygenase 1 in Regulating Iron Homeostasis and Innate Immune Response to <i>Salmonella</i> Infection	A.-M. Mitterstiller
	40	Targeting mitochondrial respiratory chain and redox status potentiates Amphotericin B-mediated antifungal activity	E. Jukic
	41	Ergothioneine is involved in antioxidative Defense in <i>Aspergillus fumigatus</i>	B. Lechner
	42	Specific Cell Wall Compounds of <i>Aspergillus fumigatus</i> Conidia and Hyphae Modulate Platelet Activity	G. Rambach
	43	Breath Analysis for <i>In Vivo</i> Detection of Pathogens Associated with Ventilator-Associated Pneumonia in Neurocritical Care Patients: A Prospective Pilot Study	W. Filipiak