

Argentina / Argentina

[Trypanosoma cruzi trans-Sialidase Prevents Elicitation of Th1 Cell Response via Interleukin 10 and Downregulates Th1 Effector Cells](#)

Pablo Ruiz Díaz, ... Oscar Campetella, *Infect. Immun.*, May 2015; 83: 2099 - 2108
... monoclonal antibody (MAb) KJ1-26 from [eBioscience](#). To test the functionality of antigen-specific...anti-CD25 antibody (PC61.5) ([eBioscience](#)). ...IFN-gamma) antibody (clone XMG1.2) ([eBioscience](#)).

Australia / Australia

[CCL7 and IRF-7 Mediate Hallmark Inflammatory and IFN Responses following Rhinovirus 1B Infection](#)

Jason Girkin ... Joerg Mattes, *The Journal of Immunology* | April 6, 2015
... stained with anti-CD11c-FITC, anti- CD11b-PerCP (BD Pharmingen), anti-MHC class II-PE, and anti-F4/80-allophycocyanin ([eBioscience](#)) ...

[The DNA Helicase Recq4 Is Required for Normal Osteoblast Expansion and Osteosarcoma Formation](#)

Alvin J. M. Ng, ... Carl R. Walkley, *PLOS Genetics* | 04/10/2015
... cells were stained with AnnexinV-APC antibody ([eBioscience](#)) in 1X binding buffer (0.01M HEPES, pH7.4; 0.14M NaCl; 2.5mM CaCl₂, [eBioscience](#)) for 15 mins at room temperature in the dark. ... Antibodies against murine CD2, CD3e, CD4, CD5, CD8a, CD11b, CD19, CD31, CD34, CD41, CD43, CD44, CD45.1, CD45.2, CD51, B220, CD71, PDGFR α (CD140a), F4/80, Gr1, IgM, Mac1, Sca1, and Ter119 were either biotinylated or conjugated with FITC, phycoerythrin, phycoerythrin-Cy5, peridinin chlorophyll protein-Cy5.5, phycoerythrin-Cy7, allophycocyanin, or allophycocyanin Alexa 750 and were all obtained from [eBioscience](#), Biolegend, BD Biosciences or Life Technologies. ... or Brilliant Violet 605 ([eBiosciences](#)) ...

Austria / Austria

[HAX1 deletion impairs BCR internalization and leads to delayed BCR-mediated apoptosis](#)

Susanne Wolkerstorfer, ... Gertrude Achatz-Straussberger, *Cellular & Molecular Immunology* | 04/13/2015
eBio excerpt not available.

Belgium / Belgium

[Antitumor Immunity Triggered by Melphalan Is Potentiated by Melanoma Cell Surface-Associated Calreticulin](#)

Aleksandra M. Dudek-Perić, ... Patrizia Agostinis, *Cancer Res.*, Apr 2015; 75: 1603 - 1614
...antibodies were used: anti-MHC II antibody ([eBioscience](#); 11-5321-81) and anti-CD86 ([eBioscience](#); 17-0862-81). T-cell proliferation...labeled with eFluor 670 Proliferation Dye ([eBioscience](#); 65-0840-85), were added to the...

Brazil / Brazil

[Hesperidin methyl chalcone inhibits oxidative stress and inflammation in a mouse model of ultraviolet B irradiation-induced skin damage](#)

Renata M. Martinez, ... Rubia Casagrande, *Journal of Photochemistry and Photobiology B: Biology*, In Press, Accepted Manuscript, Available online 13 April 2015
eBio excerpt not available.

[LPSF/GQ-02 Inhibits the Development of Hepatic Steatosis and Inflammation in a Mouse Model of Non-Alcoholic Fatty Liver Disease \(NAFLD\)](#)

Amanda Karolina Soares e Silva, ... Christina Alves Peixoto, *PLOS ONE* | 04/14/2015
... The sections were then incubated for 12 hours at 4°C with antibodies against IL-6 (1:100 [eBioscience](#) ...

[Sleep-deprivation reduces NK cell number and function mediated by \$\beta\$ -adrenergic signalling](#)

Beatriz H.P. De Lorenzo, ... Deborah Suchecki, *Psychoneuroendocrinology*, In Press, Accepted Manuscript, Available online 14 April 2015
eBio excerpt not available.

Canada / Canada

[Identification of preferential CD4+ T-cell targets for HIV infection in the cervix](#)

V R Joag ... R Kaul, *Mucosal Immunology* | 04/15/2015
eBio excerpt not available.

[Nfkb1 Activation by the E26 Transformation-Specific Transcription Factors PU.1 and Spi-B Promotes Toll-Like Receptor-Mediated Splenic B Cell Proliferation](#)

Stephen K. H. Li ... Rodney P. DeKoter, *Mol. Cell. Biol.* | May 2015 vol. 35 no. 9 1619-1632
... Antibodies purchased from [eBioscience](#) (San Diego, CA) ...

[**The B Cell Adaptor Molecule Bam32 Is Critically Important for Optimal Antibody Response and Resistance to Trypanosoma congolense Infection in Mice**](#)

Chukwunonso Onyilagha, ... Jude E. Uzonna, *PLOS Neglected Tropical Diseases* | 04/13/2015
... CD25 expression and intracellularly for Foxp3 using the Tregs staining kit (*eBioscience*, San Diego, CA) ... Germinal centre B cell response was assessed by staining splenic cells with fluorochrome-conjugated antibodies against B220, GL7 and Fas (all purchased from *eBioscience*). Antibodies against CD4, PD1 and ICOS (*eBioscience*) were used to assess T follicular helper cells ...

China / China

[**CCL3 serves as a potential plasma biomarker in knee degeneration \(osteoarthritis\)**](#)

Xiaoyi Zhao ... Weiming Liao, *Osteoarthritis and Cartilage* | 04/14/2015
... (IL1 β , IL6, TNF α , resistin, CCL3, CCL4, CXCL1 and IL8) were quantified in plasma samples ... using the Luminex microbead-based suspension array (*Procarta*, Affymetrix, ... X-KOA patients were determined using human CCL3 and CCL4 ELISA kits (*eBioscience* ...

[**Chimerically fused antigen rich of overlapped epitopes from latent membrane protein 2 \(LMP2\) of Epstein-Barr virus as a potential vaccine and diagnostic agent**](#)

Xiaoyun Lin ... Lifang Zhang, *Cellular & Molecular Immunology* | 04/13/2015
eBio excerpt not available.

[**Decrease of Functional Activated T and B Cells and Treatment of Glomerulonephritis in Lupus-Prone Mice Using a Natural Flavonoid Astilbin**](#)

Lele Guo, ... Qiang Xu, *PLOS ONE* | 04/13/2015
... Antibodies included anti-mouse CD3e-percp-cy5.5, anti-mouse CD19-FITC, anti-mouse CD44-FITC, anti-mouse CD62L-PE, anti-mouse B220-APC, anti-mouse CD80-APC, anti-mouse CD86-APC and rat IgG1-APC isotrol control and rat IgG2a-PE isotrol control (all from *eBioscience*, San Diego, CA) ...

[**Diagnostic value of serum B7-H4 for hepatocellular carcinoma**](#)

Cheng Zhang, Yiming Li, Yang Wang, *Journal of Surgical Research*, Accepted Manuscript, online 16 April 2015
eBio excerpt not available.

[**Enhanced Mucosal Immune Responses Induced by a Combined Candidate Mucosal Vaccine Based on Hepatitis A Virus and Hepatitis E Virus Structural Proteins Linked to Tuftsin**](#)

Yan Gao, ... Shengli Bi, *PLOS ONE* | 04/13/2015
... incubated with 10 μ l of a FITC-conjugated rat anti-mouse CD8 antibody (*eBioscience*, San Diego, CA, USA) ... After washing once and centrifuging, a PE-conjugated rat anti-mouse CD4 antibody (*eBioscience*) ...

[**Gemcitabine sensitizes pancreatic cancer cells to the CTLs antitumor response induced by BCG-stimulated dendritic cells via a Fas-dependent pathway**](#)

Qingshan Pei, ... Ying Lv, *Pancreatology*, In Press, Accepted Manuscript, Available online 17 April 2015
eBio excerpt not available.

[**Immunosuppression in Early Postnatal Days Induces Persistent and Allergen-Specific Immune Tolerance to Asthma in Adult Mice**](#)

Yan Chen, ... Libo Wang, *PLOS ONE* | 04/10/2015
... The cells were stained using the following primary antibodies (mAbs; *eBioscience*, San Diego, CA): phycoerythrin (PE)-Cy5 conjugated anti-CTLA4, PE-conjugated anti-MHC-II, PE-conjugated anti-CD80, and PE-conjugated anti-CD86.

[**Kaempferol enhances the suppressive function of Treg cells by inhibiting FOXP3 phosphorylation**](#)

Fang Lin, ... Bin Li, *International Immunopharmacology*, In Press, Uncorrected Proof, online 11 April 2015
eBio excerpt not available.

[**Multiple mechanisms involved in diabetes protection by lipopolysaccharide in non-obese diabetic mice**](#)

Jun Wang, ... Ming Xiang, *Toxicology and Applied Pharmacology*, Accepted Manuscript, online 17 April 2015
eBio excerpt not available.

[**PD-1 Deficiency Enhances Humoral Immunity of Malaria Infection Treatment Vaccine**](#)

Taiping Liu, ... Wenyue Xu, *Infect. Immun.*, May 2015; 83: 2011 - 2017.

...samples with anti-CD4 (clone RM4-5; [eBioscience](#)). The mice were then challenged with...anti-mouse CD95 phycoerythrin (PE; [eBioscience](#)), and anti-mouse T and B cell activation...BioLegend), or anti-mouse Bcl6 PE ([eBioscience](#)) ...

[Pretreatment with lipopolysaccharide attenuates diethylnitrosamine-caused liver injury in mice via TLR4-dependent induction of Kupffer cell M2 polarization](#)

Xianjing Li ... Yong Yang, *Immunologic Research* | 04/07/2015
... PD-L1 was purchased from [eBioscience](#) (San Diego, California).

[Production of Norovirus VLPs to size homogeneity](#)

Yuqi Huo, ... Shuo Shen, *Virus Research*, In Press, Accepted Manuscript, Available online 17 April 2015
eBio excerpt not available.

[Protective effect of platycodin D on liver injury in alloxan-induced diabetic mice via regulation of Treg/Th17 balance](#)

Tong Chen, ... Tianhua Yan, *International Immunopharmacology*, Uncorrected Proof, online 15 April 2015
eBio excerpt not available.

[Protective Effect of Supercritical-Carbon Dioxide Fluid Extract from Flowers and Buds of Chrysanthemum indicum Linnén against UV-induced Photoaging in Mice](#)

Janis Ya-Xian Zhan ... Xiao-Ping Lai, *Rejuvenation Research* | 04/07/2015
... Rat IL-10, IL-6 and TNF- α ELISA reagents were purchased from [eBioscience](#) (San Diego, CA).

[Regulatory T cells-derived IL-35 promotes the growth of adult acute myeloid leukemia blasts](#)

Qianshan Tao ... Zhimin Zhai, *International Journal of Cancer* | 04/11/2015
... Apoptosis studies were performed using the Annexin V/PI kits ([eBioscience](#), San Diego, CA, USA) and analyzed by flow cytometer ...

[Reversal of B-cell hyperactivation and functional impairment is associated with HBsAg seroconversion in chronic hepatitis B patients](#)

Xiangsheng Xu ... Fu-Sheng Wang, *Cellular & Molecular Immunology* advance online publication 6 April 2015; doi: 10.1038/cmi.2015.25
... All mAbs were purchased from [eBioscience](#) (San Diego, CA, USA), except for anti-CD80, anti-CD86, and anti-CXCR3 mAbs (Becton Dickinson Pharmingen, San Jose, CA, USA).

[Sevoflurane Inhibits Nuclear Factor- \$\kappa\$ B Activation in Lipopolysaccharide-Induced Acute Inflammatory Lung Injury via Toll-Like Receptor 4 Signaling](#)

Xi Jia Sun, ... Jun Ke Wang, *PLOS ONE* | 04/14/2015
... Sections were incubated with rabbit anti-mouse TLR4 antibodies ([eBioscience](#), San Diego, CA) overnight at room temperature.

[The role of LGR5 and ALDH1A1 in non-small cell lung cancer: cancer progression and prognosis](#)

Fei Gao, ... Chen Yang, *Biochemical and Biophysical Research Communications*, In Press, Accepted Manuscript, Available online 13 April 2015
eBio excerpt not available.

[Trichophyton rubrum conidia modulate the expression and transport of Toll-like receptor 2 in HaCaT cell](#)

Xiaoqiang Huang, ... Jian Chen, *Microbial Pathogenesis*, In Press, Uncorrected Proof, online 11 April 2015
eBio excerpt not available.

Czech Republic / Czech Republic

[Ixodes ricinus Salivary Serpin IRS-2 Affects Th17 Differentiation via Inhibition of the Interleukin-6/STAT-3 Signaling Pathway](#)

Jana Páleníková, ... Jan Kopecký, *Infect. Immun.*, May 2015; 83: 1949 - 1956.
... conjugated with phycoerythrin (PE) ([eBioscience](#)). ... immunosorbent assay (ELISA) kits ([eBioscience](#)) ... with a Ready-Set-Go! ELISA kit ([eBioscience](#)) ...

Egypt / Egypt

[CD4+CD25+high FoxP3 regulatory T-Cells in typical and atypical Philadelphia +veCML as regard response to Imatinib therapy](#)

Hany A Labib and Rasha Haggag, *Journal of American Science* | 03/31/2015

... FoxP3 staining was performed according to the manufacturer's protocol {FITC antihuman Foxp3 Staining Set ([eBioscience](#))}.

France / France

Clinical impact of the NKp30/B7-H6 axis in high-risk neuroblastoma patients

Michaela Semeraro, ... Laurence Zitvogel, *Science Translational Medicine*, 15 Apr 2015; 7: 283ra55.
...level considered positive if higher than 3 ng/ml) before being cocultured with B7-H6+ K562 cells and brefeldin A ([eBioscience](#)) for 5 hours.

High Soluble CD14 Levels at Primary HIV-1 Infection Predict More Rapid Disease Progression

Evgenia Krastinova, ... Cecile Goujard for the ANRS PRIMO Cohort, *The Journal of Infectious Disease*, Apr 2015; 10.1093/infdis/jiv145. ...with the FlowCytomix bead-based multiplex immunoassay ([eBioscience Inc](#), San Diego, California), according to the manufacturer's...measured with specific ELISA assays (Human IL6 Platinum ELISA, [eBioscience](#) ...

Interleukin-6-Driven Inflammatory Response Induces Retinal Pathology in a Model of Ocular Toxoplasmosis Reactivation

Élise Rochet, ... Alexander W. Pfaff, *Infect. Immun.*, May 2015; 83: 2109 - 2117
... Antibodies were purchased from [eBioscience SAS](#) (Paris, France) for IL-6 neutralization ...

LRH-1 mediates anti-inflammatory and antifungal phenotype of IL-13-activated macrophages through the PPAR γ ligand synthesis

Lise Lefèvre, ... Agnès Coste, *Nature Communications* | 04/15/2015
... B and T lymphocytes were isolated from the mouse spleen with a PE-B220 mAb (RD System FAB1217P, 1/10) and a PE-CD3 mAb ([eBiosciences MCA500](#), 1/10) ...

Polycyclic Aromatic Hydrocarbons Reciprocally Regulate IL-22 and IL-17 Cytokines in Peripheral Blood Mononuclear Cells from Both Healthy and Asthmatic Subjects

Coline Plé, ... Anne Tscopoulou, *PLOS ONE* | 04/10/2015
... For Th17 conditions stimulated PBMCs were cultured with IL-2, IL-6 (PeproTech, London, United Kingdom), IL-1 β ([eBiosciences](#), San Diego, CA, USA) ... IL-17F from [eBiosciences](#) ... and intracellular staining using IL-17A-APC (clone eBio64DEC17), IL-22-PERCP eFluor710 (clone 22URTI) ([eBiosciences](#)). Mouse IgG1-APC, IgG1-PERCP eFluor710 isotypes (clone P3.6.2.8.1) were from [eBiosciences](#).

Superantigenic Yersinia pseudotuberculosis Induces the Expression of Granzymes and Perforin by CD4+ T Cells

Agathe Goubard, ... Christophe Carnoy, *Infect. Immun.*, May 2015; 83: 2053 - 2064.
...anti-Vbeta8 MAb. PE-conjugated anti-mouse granzyme B MAb ([eBioscience](#), San Diego, CA) was used for intracellular staining of...measured using enzyme-linked immunosorbent assays (ELISAs) ([eBioscience](#)).

Germany/Germany

12/15-lipoxygenase-mediated enzymatic lipid oxidation regulates DC maturation and function

Tobias Rothe ... Gerhard Krönke, *J Clin Invest.* | 04/06/2015
... cells were permeabilized using Fixation/Permeabilization solution ([eBioscience](#)) and blocked with Permeabilization buffer (Perm; [eBioscience](#)) containing 10% goat serum. ... For murine cells, we used the following: ... CD11c (N418), CD80 (16-10A1), and CD83 (Michel-19) from [eBioscience](#) for DCs; and CD3 (145-2C11) and CD4 (RM4-5) from [eBioscience](#) for T cells. ...T cells were stimulated for 5 hours with phorbol 12-myristate 13-acetate (PMA) and ionomycin in the presence of monensin before being stained according to the manufacturer's instructions ([eBioscience](#)). The exclusion of dead cells was performed by staining with Fixable Viability Dye ([eBioscience](#)) in parallel to surface staining.

A coding-independent function of an alternative Ube3a transcript during neuronal development

Jeremy Valluy ... Gerhard Schrott, *Nature Neuroscience* | 04/13/2015
... FISH was performed using the [QuantiGene \(QG\) ViewRNA](#) kit (Affymetrix) according to the manufacturer's protocol (with slight modifications) using probes directed against the Ube3a1 3' UTR, Ube3a2 3' UTR and Camk2a (positive control).

CD169+ macrophages are sufficient for priming of CTLs with specificities left out by cross-priming dendritic cells

Caroline A. Bernhard, ... Thomas Brocker, *PNAS*, Apr 2015; 10.1073/pnas.1423356112.
...peptide of LCMV embedded in the Env protein of MoMLV. mAbs and Flow Cytometry. mAbs were purchased from BD Biosciences or [eBioscience](#).

[**ING5 Is Phosphorylated by CDK2 and Controls Cell Proliferation Independently of p53**](#)

Ulrike Linzen, ... Jörg Vervoorts, *PLOS ONE* | 04/10/2015

... Apoptotic cells were identified by staining with Annexin V-eFluor 450 (*eBioscience*). Five million cells/ml were diluted in 1 ml binding buffer (*eBioscience*) ... Subsequently dead cells were stained by diluting the cell suspension with 200 µl binding buffer (*eBioscience*) and 5 µl PI (propidium iodide, *eBioscience*).

[**RUNX1/ETO blocks selectin-mediated adhesion via epigenetic silencing of PSGL-1 \[open access\]**](#)

K Ponnusamy ... C Wichmann, *Oncogenesis* | 04/13/2015

... Recombinant P-, E- and L-selectin human chimeras (3 µg/ml) were conjugated with biotin (*eBioscience*, Frankfurt, Germany) ... Total RNA was extracted from 562 bone marrow samples as described previously and analyzed using Affymetrix **HG-U133 A/B** and **2.0 plus** oligonucleotide microarrays ...

India / India

[**CD4+ T Cell Response Correlates with Naturally Acquired Antibodies against Plasmodium vivax Tryptophan-Rich Antigens**](#)

Mohammad Zeeshan, Kriti Tyagi, and Yagya D. Sharma, *Infect. Immun.*, May 2015; 83: 2018 - 2029.

... The secretion inhibitor brefeldin A (*eBioscience*, Inc., San Diego, CA) ...

Israel / Israel

[**Ex-Vivo Induced Regulatory Human/Murine Mesenchymal Stem Cells as Immune Modulators**](#)

Liad Hinden ... Reuven Or, *STEM CELLS* | 04/07/2015

... anti-CD105-PB, anti-CD73-PE, anti-CD90-PE and anti-Sca1-PE (*eBioscience*) ...

[**Measurement of Cellular Immunity to Influenza Vaccination in Rheumatoid Arthritis; Comparison of Three Assays**](#)

Noa Madar-Balakisri ... Ori Elkayam, *Vaccines & Vaccination* | 03/26/2015

... resuspended in blocking buffer containing phycoerythrin-Cy7 (PE-Cy7)-conjugated anti-CD69, GFP-conjugated anti-CD8 and allophycocyanin (APC)-eFluor 780-conjugated anti-CD3 (*eBioscience* Inc., San Diego, CA) ... incubated for 30 minutes in fixation/permeabilization buffer (Foxp3 Staining Buffer Set, *eBioscience* Inc.) ... containing APC-conjugated anti-IFN-γ and PE-conjugated anti-IL2 (*eBioscience* Inc., ...

Italy / Italy

[**Antigen delivery by filamentous bacteriophage fd displaying an anti-DEC-205 single-chain variable fragment confers adjuvant activity by triggering a TLR9-mediated immune response**](#)

Rossella Sartorius, ... Piergiuseppe De Berardinis, *EMBO Mol Med.*, Apr 2015; 10.15252/emmm.201404525.

... Anti CD8a-APC (53-6.7) and anti-CD11c-aPC (N418) were from *eBioscience*, San Diego, CA.

[**Immunosurveillance of the Liver by Intravascular Effector CD8+ T Cells**](#)

Luca G. Guidotti, ... Matteo Iannacone, *Cell*, In Press, Corrected Proof, Available online 16 April 2015

eBio excerpt not available.

[**Induction of Caspase-11 by Aspartyl Proteinases of Candida albicans and Implication in Promoting Inflammatory Response**](#)

Elena Gabrielli, ... Anna Vecchiarelli, *Infect. Immun.*, May 2015; 83: 1940 - 1948.

...and tested for IFN-α, IL-1β, and IL-18 levels by specific enzyme-linked immunosorbent assays (ELISAs; *eBioscience*).

Japan / Japan

[**Regulation of GATA-binding Protein 2 Levels via Ubiquitin-dependent Degradation by Fbw7: INVOLVEMENT OF CYCLIN B-CYCLIN-DEPENDENT KINASE 1-MEDIATED PHOSPHORYLATION OF THR176 IN GATA-BINDING PROTEIN 2**](#)

Tomomi Nakajima, ... Masatoshi Kitagawa, *J. Biol. Chem.*, Apr 2015; 290: 10368 - 10381.

...After staining with anti-c-Kit antibody, Lin cells were fixed and permeabilized with the Foxp3 staining kit (*eBioscience*) prior to intracellular staining with the labeled anti-GATA2 antibody.

[**Vaccination with non-toxic mutant toxic shock syndrome toxin-1 induces IL-17-dependent protection against Staphylococcus aureus infection**](#)

Kouji Narita, Dong-Liang Hu, Krisana Asano, and Akio Nakane, *Pathog Dis*, Apr 2015; 73: ftv023

...isothiocyanate (FITC)-conjugated anti-TCRγδ monoclonal antibody (mAb) (GL3, *eBioscience*, San Diego, CA) or anti-TCRβ mAb (H57-597, *eBioscience*) for 30 min at 4°C.

Netherlands / Netherlands

[Comparison of adjuvants for a spray freeze-dried whole inactivated virus influenza vaccine for pulmonary administration](#)

Harshad P. Patil, ... Anke Huckriede, *European Journal of Pharmaceutics and Biopharmaceutics*, In Press, Accepted Manuscript, Available online 17 April 2015
eBio excerpt not available.

[Methotrexate treatment affects effector but not regulatory T cells in juvenile idiopathic arthritis](#)

Maja Bulatović Čalasan, ... Femke van Wijk, *Rheumatology*, Apr 2015; 10.1093/rheumatology/kev101.
... 100 U/ml penicillin-streptomycin) and stimulated either with 1.5 mug/ml plate-bound anti-CD3 (clone OKT3; *eBioscience*, San Diego, CA, USA) or with anti-CD2/anti-CD3/anti-CD28 beads (Treg suppression inspector ...

Poland / Poland

[Phenotypic diversity of patient-derived melanoma populations in stem cell medium](#)

Malgorzata Sztiller-Sikorska ... Malgorzata Czyz, *Laboratory Investigation* | 04/13/2015
eBio excerpt not available.

Portugal / Portugal

[Lymphocyte Gene Expression Signatures from Patients and Mouse Models of Hereditary Hemochromatosis Reveal a Function of HFE as a Negative Regulator of CD8+ T-Lymphocyte Activation and Differentiation In Vivo](#)

Mónica Costa, ... Graça Porto, *PLOS ONE* | 04/16/2015
... stained with the following fluorochrome-conjugated mouse anti-human monoclonal antibodies: anti-CD8a APC-eFluor 780 (*eBioscience*), anti-CD45RA APC (*eBioscience*) ... The blood samples were stained with the following fluorochrome-conjugated mouse anti-human monoclonal antibodies: anti-human CD3 FITC (*eBioscience*) and anti-human CD8 PerCP (*eBioscience*).

Russian Federation / Russian Federation

[Oligosaccharides of \$\kappa/\beta\$ -carrageenan from the red alga *Tichocarpus crinitus* and their ability to induce interleukin 10](#)

Alexandra A. Kalitnik ... Irina M. Yermak, *Journal of Applied Phycology* | 04/07/2015
... Sandwich enzyme-linked immunosorbent assays (ELISA) were performed ... using a monoclonal affinity purified anti-mouse IL-10 (clone JES5-16E3, *eBioscience*, USA) as the capture antibodies ...

Singapore / Singapore

[Mir-17-92 regulates bone marrow homing of plasma cells and production of immunoglobulin G2c](#)

Shengli Xu ... Kong-Peng Lam, *Nature Communications* | 04/17/2015
eBio excerpt not available.

South Korea / South Korea

[Activation of lymphotoxin-beta receptor enhances the LPS-induced expression of IL-8 through NF- \$\kappa\$ B and IRF-1](#)

Seok-Won Jang, ... Won-Ha Lee, *Immunology Letters*, Accepted Manuscript, Available online 15 April 2015
eBio excerpt not available.

[Dynamic control of Th2 cell responses by STAT3 during allergic lung inflammation in mice](#)

Hoyong Lim, ... Yeonseok Chung, *International Immunopharmacology*, In Press, Uncorrected Proof, Available online 11 April 2015
eBio excerpt not available.

[Melatonin attenuates carbon tetrachloride-induced liver fibrosis via inhibition of necroptosis](#)

Hyo-Sun Choi, Jung-Woo Kang, Sun-Mee Lee, *Translational Research*, In Press, Accepted Manuscript, Available online 12 April 2015
eBio excerpt not available.

[Osteopontin depletion decreases inflammation and gastric epithelial proliferation during *Helicobacter pylori* infection in mice](#)

Jun Won Park ... Dae-Yong Kim, *Laboratory Investigation* | 04/13/2015
eBio excerpt not available.

Spain / Spain

[Ibrutinib Exerts Potent Antifibrotic and Antitumor Activities in Mouse Models of Pancreatic Adenocarcinoma](#)

Daniel Massó-Vallés, ... Laura Soucek, **Cancer Res.**, Apr 2015; 75: 1675 - 1681.
...antibodies [rat monoclonal anti-CD11b (clone M1/70), **eBioscience**; rabbit polyclonal anti-CD11b, Novus Biologicals; rat...400; 1A8), and PE-Cy5-F4/80 (1:400; BM8; **eBioscience** or Biologend).

Taiwan / Taiwan

Defining Minimum Essential Factors to Derive Highly Pure Human Endothelial Cells from iPS/ES Cells in an Animal Substance-Free System

Yu-Ting Wu ... Po-Min Chiang, **Scientific Reports** | 04/13/2015
... anti-human PECAM1 (**eBioscience**) ...

UK / UK

Gene Expression and Cytokine Profile Correlate With Mycobacterial Growth in a Human BCG Challenge Model

Magali Matsumiya, ... Helen McShan, **J Infect Dis.** | (2015) 211 (9): 1499-1509.
eBio excerpt not available.

Methods for Ex Vivo Analysis of Immune Cell Function from the Central Nervous System

Darryl G. Turner ... Stephen M. Anderton, **Methods in Molecular Biology** | 04/12/2015
... Fixable live dead stain: Fixable viability dye eFluor® 455UV (**eBioscience**). Use as per the manufacturer's instructions (Note 2). ... 13. **eBioscience** fixation buffer: **eBioscience** FoxP3 fixation/permeabilization buffers made up as per the manufacturer's directions.

The protein LEM promotes CD8+ T cell immunity through effects on mitochondrial respiration

Isobel Okoye ... Philip G. Ashton-Rickardt, **ScienceExpress (AAAS)** | 04/16/2015
... For NMD and validation of CRIF1 function experiments, magnetic bead sorted CD8 T cells (106/ml) from wild-type or Retro mutant mice were cultured in IL-2, IL-7, IL-15 cytokines (all 100ng/ml **eBiosciences**).

USA, Illinois / China

Interleukin-17B Antagonizes Interleukin-25-Mediated Mucosal Inflammation

Joseph M. Reynolds, ... Chen Dong, **Immunity**, In Press, Corrected Proof, Available online 14 April 2015
eBio excerpt not available.

USA / USA

Alabama

Macrophage and epithelial cell H-ferritin expression regulates renal inflammation

Subhashini Bolisetty ... Anupam Agarwal, **Kidney International** | 04/15/2015
eBio excerpt not available.

California

CD4+ CD44v.low cells are unique peripheral precursors that are distinct from recent thymic emigrants and stem cell-like memory cells

Chunfang Zhao, ... Joanna D. Davies, **Cellular Immunology**, In Press, Accepted Manuscript, Available online 17 April 2015
eBio excerpt not available.

CD8+ T Cells Can Mediate Short-term Protection Against Heterotypic Dengue Reinfection in Mice

Raphaël M. Zellweger ... Sujana Shrestha, **Journal of Virology** | 04/08/2015
... Antibody used: anti-CD3-eFluor 450 (**eBioscience**, clone ... anti-CD8a-PerCP-Cy5.5 (**eBioscience**, clone 53-6.7), anti-CD62L-AlexaFluor 192 700 (**eBioscience**, clone MEL-14) ...

Complexities due to single-stranded RNA during antibody detection of genomic rna:dna hybrids

Zheng Z Zhang ... Michael R Lieber, **BMC Research Notes** | 04/08/2015
... For experiments specifying cytokine stimulation, two million healthy CH12F3.2a cells at a density around 1x106 cells/ml were supplemented with anti-CD40 (**eBioscience** Cat. No. 16-0404-86) ...

Deletion of FADD in Macrophages and Granulocytes Results in RIP3- and MyD88-Dependent Systemic Inflammation

Suruchi N. Schock, ... Astar Winoto, **PLOS ONE** | 04/13/2015
... following monoclonal antibodies were used in the studies: Pacific Blue-conjugated anti-CD3, anti-MHCII; APC-conjugated anti-CD4, anti-CD11c; APC-Cy7-conjugated anti-B220; PE-Cy7-conjugated anti-CD8, anti-CD11b; PE-

conjugated anti-Ter119, anti-Ly6G, anti-F4/80, anti-CD86; FITC-conjugated anti-CD71, anti-Ly6C. All antibodies were purchased from BD Biosciences, **eBiosciences**, Biologend, or University of California, San Francisco.

Identification and isolation of a dermal lineage with intrinsic fibrogenic potential

Yuval Rinkevich ... Michael T. Longaker, **Science (AAAS)** | 17 April 2015

... CD26 (**eBioscience**), CD29 (**eBioscience**), ... RNA samples from all sorted populations were converted to cDNA ... hybridized to Affymetrix **Mouse Genome 430 2.0** arrays.

Maternal Obesity alters immune cell frequencies and responses in umbilical cord blood samples

Randall M. Wilson ... Ilhem Messaoudi, **Pediatric Allergy and Immunology** | 04/08/2015

... Flow cytometric analysis of UCB immune cells UCBMC (1-2x10⁶ cells) were stained using CD4 (OKT4, **eBioscience**, San Diego, ... UCBMC were also stained using CD20 (2H7, **eBioscience**) ...

Nicotinamide Exacerbates Hypoxemia in Ventilator-Induced Lung Injury Independent of Neutrophil Infiltration

Heather D. Jones, ... Kenichi Shimada, **PLOS ONE** | 04/13/2015

... The cytokine concentrations in BAL were determined using Mouse IL-1 β ELISA (**eBioscience**, San Diego, CA) ...

Georgia

Interleukin 21 Signaling in B Cells Is Required for Efficient Establishment of Murine Gammaherpesvirus Latency

Christopher M. Collins, Samuel H. Speck, **PLOS Pathogens** | 04/13/2015

... Antibodies used were ... anti-GL7 (**eBioscience**), ... eFluor 660 conjugated anti-GL7 (**eBioscience**) ...

Illinois

T-cell expression of IL-10 is essential for tumor immune surveillance in the small intestine.

Kristen L Dennis ... Khashayarsha Khazaie, **Cancer Immunology Research** | 04/08/2015

... Foxp3 (FJK-16s) was from **eBioscience**. ... ELISAs for IL10 was performed according to the manufacturer's instructions (**eBioscience**). ... cultured for seven days with mouse rec-IL2 (**eBioscience**), ... anti-CD3 (**eBioscience**), and anti-CD28 (**eBioscience**).

Iowa

Bone Marrow Stromal Antigen 2 (BST-2) DNA Is Demethylated in Breast Tumors and Breast Cancer Cells

Wadie D. Mahauad-Fernandez, ... Chioma M. Okeoma, **PLOS ONE** | 04/10/2015

... Cells were incubated at 4°C for 1 hour with APC-conjugated anti-BST-2 primary antibodies or appropriate IgG (**eBioscience**) ...

Decreased Ferroportin Promotes Myeloma Cell Growth and Osteoclast Differentiation

Zhimin Gu ... Fenghuang Zhan, **Cancer Research** | 04/08/2015

... Flow cytometry Cell apoptosis were measured by Annexin-V/PI kit (**eBioscience**, San Diego, CA) ... anti-CD16/32 (**eBioscience**, San Diego, CA) and then stained with PE-conjugated TFRC (**eBioscience**, ...

Maryland

Atypical Chemokine Receptor 1 Deficiency Reduces Atherogenesis in ApoE-knockout Mice

Wuzhou Wan ... Philip M. Murphy, **Cardiovascular Research** | 04/09/2015

... cells were then stained 30 minutes at 4°C with the following mouse-specific fluorochrome-conjugated antibodies: CD45-PE (**eBioscience**, Cat#: 12-0451-83), CD3-FITC (BD ... (**eBioscience**, Cat#: 47-0042-82), CD8-PE-Cy7 (**eBioscience**, Cat#: 25-0081-82), CD11c- ...

Daclizumab reverses intrathecal immune cell abnormalities in multiple sclerosis [open access]

Yen Chih Lin ... Bibiana Bielekova, **Annals of Clinical and Translational Neurology** | 04/07/2015

Table 2. Optimized combination of 12 commercially available fluorochrome-conjugated antibodies to reliably quantify 14 subpopulations of immune cells ... PerCP-Cy5.5, Anti-human CD123 antibody, **eBioscience** (clone: 7G3), PE-Cy7, Anti-human CD11c antibody, **eBioscience** (clone: 3.9) ... eFluor 605 Nanocrystal, Anti-human CD19 antibody, **eBioscience** (clone: HIB19), eFluor 655 Nanocrystal, Anti-human CD3 antibody, **eBioscience** (clone: OKT3) APC-Cy7, Anti-human HLA-DR antibody, **eBioscience** (clone: LN3) ...

Human bone marrow stromal cell confluence: effects on cell characteristics and methods of assessment

Jiaqiang Ren, ... David F. Stroncek, **Cytotherapy**, In Press, Corrected Proof, Available online 14 April 2015
eBio excerpt not available.

Immunization with Ty21a live oral typhoid vaccine elicits crossreactive multifunctional CD8+ T-cell responses against Salmonella enterica serovar Typhi, S. Paratyphi A, and S. Paratyphi B in humans

R Wahid ... M B Szein, **Mucosal Immunology** | 04/15/2015
eBio excerpt not available.

Massachusetts

Differential Adjuvant Activities of TLR7 and TLR9 Agonists Inversely Correlate with Nitric Oxide and PGE2 Production

Jinhee Lee, ... Hardy Kornfeld, **PLOS ONE** | 04/13/2015

... All the fluorescent-labeled antibodies were purchased from **eBioscience** (San Diego, CA). ... Aqua Dead cell stain, and fixed and permeabilized with FoxP3 staining buffer set according to the manufacturer's instructions (**eBioscience**).

The receptor TREML4 amplifies TLR7-mediated signaling during antiviral responses and autoimmunity

Zaida G Ramirez-Ortiz ... Terry K Means, **Nature Immunology** | 04/06/2015
eBio excerpt not available.

Michigan

Cationic liposome-hyaluronic acid hybrid nanoparticles for intranasal vaccination with subunit antigens

Yuchen Fan, ... James J. Moon, **Journal of Controlled Release**, Accepted Manuscript, online 11 April 2015
eBio excerpt not available.

Minnesota

Stimulation with Concanavalin-A Induces IL-17 Production by Canine Peripheral T Cells

Michelle G. Ritt ... Jaime F. Modiano, **Veterinary Sciences** | 04/10/2015

... with Protein Transport Inhibitor Cocktail reagent (2 μ L/mL, **eBioscience**, San Diego, CA, USA) ... Antibodies were used to identify T cells (anti-CD5 conjugated to phycoerythrin (PE), **eBioscience**), ... further separation of T cells based on expression of CD4 (anti-CD4-FITC), CD8 (anti-CD8-APC), and CD25 (anti-CD25-PE), all of which were obtained from **eBioscience**. Staining with anti-CD45 antibodies (**eBioscience**) conjugated to PE, APC, and FITC was used for color compensation. ... conjugated to the appropriate fluorochromes (**eBioscience**) ... cells were permeabilized using the Foxp3/Transcription Factor Fixation/Permeabilization Concentrate and Diluent kit (**eBioscience**) ... followed by intracellular staining for FoxP3 (anti-FoxP3-FITC, **eBioscience**) and for accumulated IL-17 (anti-mouse IL-17 clone eBio17B7) ... two samples that were stained concurrently using the anti-mouse IL-17 antibody and anti-human IL-17 (clone eBio64DEC17, **eBioscience**).

Missouri

Myeloid lineage skewing due to exacerbated NF- κ B signaling facilitates osteopenia in Scurfy mice [open access]

T H-P Chen ... Y Abu-Amer, **Cell Death and Disease** | 04/16/2015

... To assess cytokine production, stimulated cells were harvested into ice-cold PBS, washed and fixed according to **eBiosciences** (San Diego, CA, USA) intracellular flow cytometry protocol before stained with anti-cytokine FACS antibodies and analyzed on flow cytometer. ... All FACS antibodies were purchase from either **eBioscience**, BioLegend (San Diego, CA, USA) or BD Bioscience (San Diego, CA, USA).

Montana

Ageing influences the response of T cells to stimulation by the ellagitannin, oenothien B

Andrew G. Ramstead, ... Mark A. Jutila, **International Immunopharmacology**, In Press, Uncorrected Proof, Available online 15 April 2015
eBio excerpt not available.

Nebraska

Macromolecular glucocorticoid prodrug improves the treatment of dextran sulfate sodium-induced mice ulcerative colitis

Ke Ren, ... Dong Wang, **Clinical Immunology**, In Press, Accepted Manuscript, Available online 11 April 2015
eBio excerpt not available.

New York

TET1 is a tumor suppressor of hematopoietic malignancy

Luisa Cimmino ... Iannis Aifantis, **Nature Immunology** | 04/13/2015
eBio excerpt not available.

TGF β is a master regulator of radiation therapy-induced anti-tumor immunity.

Claire Vanpouille-Box ... Sandra Demaria, **Cancer Research** | 04/09/2015

... Single cell suspensions of collagenase Y digested tumors were stained with the following antibodies purchased from **ebioscience**: fixable viability dye eFluor 450, cD69YFITC, pDY1YpE, ... mouse cD8YFITC (**ebioscience**), fixed, permeabilized (Foxp3 Fixation/permeabilization ...

Toxin-Induced Necroptosis Is a Major Mechanism of Staphylococcus aureus Lung Damage

Kipyegon Kitur, ... Alice Prince, **PLOS Pathogens** | 04/16/2015

... PE-CD86 (**eBiosciences**), ... and TNF (**eBioscience**) were quantified in mouse BAL fluid by ELISA according to manufacturer's instructions.

The Omentum Is a Site of Protective IgM Production during Intracellular Bacterial Infection

Derek D. Jones ... Gary M. Winslow, **Infect. Immun.**, May 2015; 83: 2139 - 2147

... fluorescein isothiocyanate (FITC)-conjugated anti-IgM (clone II/41) and PerCP-Cy5.5-conjugated B220 (RA3-6B2) (**eBioscience**, San Diego, CA) ...

North Carolina

Arginine Deprivation and Immune Suppression in a Mouse Model of Alzheimer's Disease

Matthew J. Kan, ... Carol A. Colton, **J. Neurosci.**, Apr 2015; 35: 5969 - 5982.

... Invitrogen), and the following antibodies (all from **eBioscience**) were used: CD11b FITC, CD11c PE-Cy5.5, CD45 PE-Cy7...counted and stained with the following antibodies (all from **eBioscience**): CD11c PE-Cy5.5, CD45 PE-Cy7, CD11b APC-Cy7...

Ohio

Peripheral blood CD38 bright CD8+ effector memory T-cells predicts acute graft versus host disease [open access]

Pooja Khandelwal, ... Rebecca A. Marsh, **Biology of Blood and Marrow Transplantation**, In Press, Accepted Manuscript, Available online 13 April 2015

... Freshly obtained blood samples were incubated with fluorochrome-conjugated monoclonal antibodies directed against CD3 (Biolegend), CD38 (**eBioscience**) ...

Ohio / Wisconsin

The interface of inflammation and subclinical atherosclerosis in Granulomatosis with Polyangiitis (Wegener's): a preliminary study

R.A. Hajj-Ali, ... R.L. Silverstein, **Translational Research**, In Press, Accepted Manuscript, online 13 April 2015
eBio excerpt not available.

Pennsylvania

Cutting Edge: Differential Regulation of PTEN by TCR, Akt, and FoxO1 Controls CD4+ T Cell Fate Decisions

William F. Hawse ... Penelope A. Morel, **The Journal of Immunology** | April 8, 2015

... Flow cytometry Activated CD4+ T cells were stained with the following mAbs: anti-CD3-allophycocyanin-eFluor 780, anti-CD4-allophycocyanin, anti-CD25- PE, anti-Foxp3-Pacific Blue (**eBioscience**) ...

Exclusion of T Cells From Pancreatic Carcinomas in Mice is Regulated by Ly6Clow F4/80+ Extra-tumor Macrophages

Gregory L. Beatty, ... Robert H. Vonderheide, **Gastroenterology**, Accepted Manuscript, online 14 April 2015
eBio excerpt not available.

IL10 and PD-1 Cooperate to Limit the Activity of Tumor-Specific CD8+ T Cells

Zhaojun Sun ... Hassane M. Zarour, **Cancer Res** | April 15, 2015 75; 1635

... or anti-PD-L1 (clone MIH1; **eBioscience**) or isotype control antibodies and/or 20 ng/mL rhIL10...Alternatively, PBMCs were stained with CD11c-Alexa700 (**eBioscience**) ...

Molecular adjuvant IL-33 enhances the potency of a DNA vaccine in a lethal challenge model

Daniel O. Villarreal, ... David B. Weiner, **Vaccine**, In Press, Uncorrected Proof, Available online 14 April 2015
eBio excerpt not available.

Plasticity of Hopx+ type I alveolar cells to regenerate type II cells in the lung

Rajan Jain, ... Jonathan A. Epstein, **Nature Communications** | 04/13/2015

eBio excerpt not available.

Rhode Island

Liver myeloid-derived suppressor cells expand in response to liver metastases in mice and inhibit the anti-tumor efficacy of anti-CEA CAR-T

Rachel A. Burga, ... Steven C. Katz, **Cancer Immunology, Immunotherapy** | 04/08/2015

... Splenocytes were activated in 750-mL flasks (BD Falcon) with 1 µg/mL anti-CD3 (**eBioscience**), 1 µg/mL anti-CD28 (**eBioscience**) and ...

South Carolina

Identifying panaxynol, a natural activator of nuclear factor erythroid-2 related factor 2 (Nrf2) from American ginseng as a suppressor of inflamed macrophage-induced cardiomyocyte hypertrophy

Chen Qu, ... Taixing Cui, **Journal of Ethnopharmacology**, In Press, Accepted Manuscript, Available online 14 April 2015

eBio excerpt not available.

Tennessee

The NLRP12 Sensor Negatively Regulates Autoinflammatory Disease by Modulating Interleukin-4 Production in T Cells

John R. Lukens, ... Thirumala-Devi Kanneganti, **Immunity**, In Press, Corrected Proof, Available online 14 April 2015

eBio excerpt not available.

Texas

Biomechanical forces promote blood development through prostaglandin E2 and the cAMP–PKA signaling axis

Miguel F. Diaz, ... Pamela L. Wenzel, **J Exp Med** | 04/13/2015

eBio excerpt not available.

The IbeA Invasin of Adherent-Invasive Escherichia coli Mediates Interaction with Intestinal Epithelia and Macrophages

Roberto J. Cieza ... Alfredo G. Torres, **Infect. Immun.**, May 2015; 83: 1904 - 1918.

... The gamma interferon (IFN-gamma) levels were determined by using a mouse IFN-gamma ELISA Ready-Set-Go kit (**eBioscience**) ...