

**Koch-Metschnikof Forum on Tuberculosis**

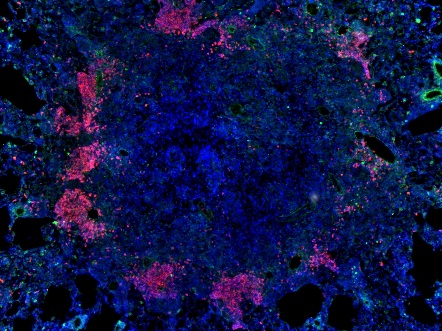
**The School**

**«Lung tissue inflammation:**

**pathogenesis,**

**regulation**

**and immune response»**



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| **April, 25, 2017** | | |
| Registration 9.00 – 10.30 | | |
| Opening ceremony | | |
| 10:30 – 10:55 | A. Ergeshov  A. Apt  D. McMurray  Academy official (TBA) | Opening remarks |
| Session 1 – Mycobacterial infections –immune response and genetic control  Chairs: D. McMurray, O. Demikhova | | |
| 11:00-11:30 | Erwin Schurr  McGill University | Human genetics of M. tuberculosis infection |
| 11:30-12:00 | Alexander Apt  CIT, Moscow | IL-11 in tuberculosis infection |
| 12.00-12.30 coffee break | | |
| 12:30-13:00 | Irina Linge  CIT, Moscow | Regulation of M. avium infection in mice |
| 13.00-13.30 | Tatiana Azhikina  Institute for Bioorganic Chemistry, Moscow | Short regulatory mycobacterial RNAs |
| 13:40 – 14.40 Lunch | | |
| Session 2. Pulmonary TB – Inflammation and Immune Response  Chairs: A. Apt, V. Gergert | | |
| 14:45-15:15 | Tobias Dallenga  Borstel, Germany | Inhibition of neutrophil necrosis controls Mycobacterium tuberculosis growth after removal by macrophages |
| 15:15-15:45 | Irina Lyadova  CIT, Moscow | Th1 and Th17 responses in active and latent TB |
| 15:45-16:15 | David McMurray  A&M University of Texas | Opposing roles of TNF-a in a guinea pig model of pulmonary TB |
| 16:15- 16:45 | Vladimir Yeremeev  CIT, Moscow | Short regulatory RNAs in the lung tissue of TB patients |
| 17.00 Get together party | | |
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| **April 26, 2017** | | |
| Session 3. Mycobacterial variability  Chairs: T. Ulrichs, T. Kondratieva | | |
| 10:30-11:00 | Matthias  Merker,  Borstel, Germany | Evolution and recent spread of multidrug resistant Mycobacterium tuberculosis strains in Eastern Europe |
| 11:00-11:30 | Larisa Chernousova  CIT, Moscow | Phonotypic sensitivity to anti-TB drugs in M. tuberculosis strains carrying mutations in genes involved in RIF and IHN resistance |
| 11:30 – 11:45 Coffee break | | |
| 11:45-12:15 | Arseny Kaprelyants  Bach Institute, Moscow | Mycobacterial dormancy-reactivation |
| 12:15 – 12:45 | Vera Ustinova  CIT, Moscow | Detection of non-TB mycobacteria in Russia |
| 13:00-14:00 - Lunch | | |
| Session 4. New drugs and protective factors  Cairs: S. Stengler, V. Yeremeev | | |
| 14:00-14:30 | Boris Nikonenko  CIT, Moscow | Activity of new indole derivates against *Mycobacterium tuberculosis* and *Mycobacterium avium* |
| 14:30-15:00 | Vadim Makarov  Bach Institute, Moscow | Actual progress with PBTZ169 development |
| 15:00-15:30 | Stefan Stengler  University of Ulm, Germany | Lipoarabidomanna-responsive polycytotoxic T cells are associated with protection in human tuberculosis |
| 15:30-16:00 | Olivier Neyrolles  Research Center, Toulouse, France | TBA |
| 17:15 – Speakers Dinner | | |
| **April 27, 2017** | | |
| Session 5. School on lung inflammation  Chairs: Alexander Apt, Tatiana Kondratieva | | |
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| 11:00- 12:00 | Prof. Timo Ulrichs  Koch-Metchnikoff Forum, Berlin, Germany | Research in diagnostics, treatment and prevention of tuberculosis: state of the art and challenges in the coming years |
| 12:00-13:00 | David McMurray, A&M University, Texas, USA | The role of neutrophils in a guinea pig model of pulmonary tuberculosis |
| 13:00-13:15 - Coffee break | | |
| 13:15-14:15 | George Kosmiadi  CIT, Moscow | Lung immunity in TB and non-infectious deseases |
| 14:15 -15:15 Conclusion remarks, Posters discussion | | |
| 15:30 – Lunch and departure | | |