

# Autoimmune Lymphoproliferative Syndrome (ALPS) WORKSHOP 2009

**Where: Fishers Conference Center**  
5635 Fishers Lane, Suite T-500  
Rockville, MD 20852

**When: September 21-22, 2009**  
**8:30am – 5:00pm**

Please join us for in-depth conversations and  
presentations:

- (a) To review and define unified diagnostic criteria and a classification system for ALPS and related disorders
- (b) To discuss our current understanding of the pathophysiology of autoimmunity and lymphomagenesis in ALPS and identify areas for future research
- (c) To stimulate the creation of research programs directed at early lymphoma detection and novel treatment modalities
- (d) To establish a collaborative network for case referral, molecular investigation, and treatment studies

Register free of charge by contacting [ALPSWorkshop@niaid.nih.gov](mailto:ALPSWorkshop@niaid.nih.gov)



**Autoimmune Lymphoproliferative Syndrome (ALPS) Workshop**  
**September 21-22, 2009**  
**Fishers Conference Center, Rockville, MD 20852**  
**8:30am – 5:00pm**

| <b><u>Day/Time</u></b>   | <b><u>Speakers</u></b>                                                                    | <b><u>Topic</u></b>                                              |
|--------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b><u>Day 1</u></b>      |                                                                                           |                                                                  |
| <b>September 21</b>      |                                                                                           |                                                                  |
| 8:15 - 8:30              | Arrival/Light Refreshments                                                                |                                                                  |
| 8:30 - 8:45              | <b>Koneti Rao/Mike Lenardo</b>                                                            | Introduction/Opening Remarks                                     |
| <b><u>Session I</u></b>  |                                                                                           |                                                                  |
|                          | <i>Chair: Tom Fleisher</i>                                                                | <i>Evolving story of ALPS</i>                                    |
| 8:45 - 9:15              | <b>Jennifer Puck</b><br>(University of California, San Francisco)                         | Overview of the last 15 years                                    |
| 9:15 - 9:45              | <b>Thomas Fleisher</b><br>(NIH/CC/DLM/IS)                                                 | Unanswered questions of ALPS<br>as of 2009                       |
| 9:45-10:15               | <b>Frederic Rieux-Laucat</b><br>(Inserm Unit - Paris, France)                             | Markers and Consequences of<br>Apoptosis Dysfunction             |
| 10:15 - 10:45            | <b>Break</b>                                                                              |                                                                  |
| 10:45 - 11:15            | <b>Mike Lenardo</b><br>(NIH/NIAID/ DIR/LI/MDS)                                            | Molecular regulation of<br>lymphocyte homeostasis                |
| 11:15 - 12:00            | Open Discussion<br>Moderator: <b>Lisa Forman</b><br>(NIH/NIAID/NLM/NCBI)                  | Developing ALPS Database<br>through NCBI: How to go about<br>it? |
| 12:00 - 1:00             | Working Lunch<br>Moderator: <b>Tom Fleisher</b>                                           | Case Studies – Diagnostic<br>Criteria for ALPS                   |
| <b><u>Session II</u></b> |                                                                                           |                                                                  |
|                          | <i>Chair: Mike Lenardo and<br/>Frederic Rieux-Laucat</i>                                  | <i>Apoptosis in health and disease</i>                           |
| 1:00 - 1:30              | <b>Umberto Dianzani</b><br>(A Avogadro University of Eastern Piedmont<br>- Novara, Italy) | ALPS and ALPS-like disorders                                     |
| 1:30 - 2:00              | <b>Joao Bosco Oliveira de Filho</b><br>(NIH/CC/DLM/IS)                                    | NRAS-associated ALPS-like<br>disorders                           |
| 2:00 - 2:30              | <b>Andrew Snow</b><br>(NIH/NIAID/DIR/LI/MDS)                                              | ALPS-like features of XLP                                        |

|             |                                               |                                                                |
|-------------|-----------------------------------------------|----------------------------------------------------------------|
| 2:30 - 3:00 | Break                                         |                                                                |
| 3:30 - 4:00 | <b>Helen Su</b><br>(NIH/ NIAID/DIR/LHD/GIS)   | ALPS-like Immunodeficiencies                                   |
| 4:00 - 4:30 | <b>Richard Siegel</b><br>(NIH/NIAMS/IRP/AB)   | Differential Fas sensitivity: A tale of T subsets              |
| 4:30 - 5:00 | Open Discussion<br>Moderator: <b>Helen Su</b> | Apoptosis Research: Challenges of moving from bench to bedside |

## Day 2

**September 22**

|                          |                                                               |                                                               |
|--------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 8:15 - 8:30              | Arrival/Light Refreshments                                    |                                                               |
| 8:30 - 8:45              | <b>Steve Holland</b><br>(NIH/NIAID/DIR/LCID)                  | Opening Remarks                                               |
| <u><b>Session I</b></u>  | <i>Chair: Stefania Pittaluga</i><br>(NIH/ NCI/DBS/LP)         | <i>Lymphoma and ALPS</i>                                      |
| 8:45 - 9:15              | <b>Elaine Jaffe</b><br>(NIH/NCI/DBS/LP)                       | Diagnostic pitfalls and pointers                              |
| 9:15 - 9:45              | <b>Louis Staudt</b><br>(NIH/NCI/DBS/MB)                       | Molecular profiling of lymphoproliferative disorders          |
| 9:45 - 10:00             | <b>Break</b>                                                  |                                                               |
| <u><b>Session II</b></u> | <i>Chair: Koneti Rao</i>                                      | <i>Diagnosis and Management of ALPS and related disorders</i> |
| 10:00 - 10:30            | <b>Koneti Rao</b><br>(NIH/NIAID/LCID/ALPS)                    | Existing Challenges of scaling the ALPS                       |
| 10:30 - 11:00            | <b>David Teachey</b><br>(Children's Hospital of Philadelphia) | Targeting signal transduction pathways in ALPS                |
| 11:00 - 11:30            | <b>Jack Bleesing</b><br>(Cincinnati Children's Hospital)      | The Cincinnati ALPS Triangle                                  |

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|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 11:30 - 12:30             | Open Discussion<br>Moderator: <b>Joao Bosco Oliveira de Filho</b>                                        | Developing diagnostic algorithms for ALPS                                                                 |
| 12:30 - 1:30              | Working Lunch<br>Moderator: <b>Koneti Rao</b>                                                            | Case Studies – Management Strategies of ALPS                                                              |
| <b><u>Session III</u></b> | <b><i>Chairs: Jack Bleesing and David Teachey</i></b>                                                    | <b><i>Innovative diagnostic and therapeutic strategies including preclinical models</i></b>               |
| 1:30 - 2:00               | <b>Nichola Cooper</b><br>(Inst. of Child Health - London, UK)                                            | Management of ITP in 2009, how can we adapt therapy in patients with ALPS?                                |
| 2:00 - 2:30               | <b>Stefan Muljo</b><br>(NIH/NIAID/DIR/LI)                                                                | Role of microRNA in autoimmune disorders                                                                  |
| 2:30 - 3:00               | Break                                                                                                    |                                                                                                           |
| 3:00 - 3:30               | <b>Lorraine O'Reilly</b><br>(Walter and Eliza Hall Institute of Medical Research - Melbourne, Australia) | Membrane bound Fas-Ligand only is essential for Fas-induced apoptosis<br>-analysis using FasL mutant mice |
| 3:30 - 4:00               | <b>Hao Wu</b><br>(Cornell University)                                                                    | Structure of the Fas: FADD complex reveals the molecular mechanism of Fas pathogenic mutations            |
| 4:00 – 5:00               | <b>Mike Lenardo</b><br>(NIH/NIAID/ DIR/LI/MDS)                                                           | Final Discussion/Closing Remarks                                                                          |