



July 2017

Happy summer! Below you'll find the latest ideas, action items, and news on the progress of the Human Immunology and Immunotherapy Initiative.

HI3 Faculty Recruitment

Updates on faculty searches within the areas of basic human immunology, autoimmunity, cancer and bioinformatics

- **Basic Human Immunology**

- Tenure-eligible faculty position in the Department of Immunology and Microbiology with primary duties that include the development of a strong, externally funded research program that addresses mechanisms of human immunology.
- 6 applicant interviews took place fall 2016 through spring 2017 and will resume fall 2017.

- **Autoimmunity**

- Tenure-eligible faculty position at the full professor level in the University of Colorado School of Medicine with primary duties that include the development and growth of a Human Autoimmune Disease Pathogenesis and Prevention Program alongside the development of a strong, externally funded research program with a specific focus on translational research.
- 1 applicant interview in April 2017, additional applicant interview(s) anticipated fall 2017.

- **Cancer**

- Terry Fry, MD (NCI) verbal acceptance January 2017 with proposed start of January 2018.

- **Data Scientist/Bioinformatician**

- A full-time data scientist/bioinformatician with a primary appointment in the Department of Immunology and Microbiology with the option of a secondary appointment within the Colorado School of Public Health.
- Applicant interviews concluded April 2017 and negotiations are currently underway.

HI3 Human Immune Monitoring Shared Resource (HIMSR)

To facilitate and support human immunology research and discovery

- Since the opening of the HIMSR in November 2016, initial rates were set at a loss to foster growth. Now that the HIMSR is running at full capacity (thank you!), moving forward, HIMSR rates will begin to increase to allow for continued growth and sustainability of this shared resource.
- Successful SIRC application for funding of the Molecular Ion Beam Imaging (MIBI) system in addition to funds from the CU Cancer Center, CFReT, GALIIP and colleagues across the campus
- Check out the **new HIMSR sample drop box** in the 8th floor mailboxes of RC1-North
- Check out the [HIMSR website](#) to meet the team and learn more about the mission, services and equipment, contacts, rates and fee structure, iLab and request forms
- Would you like to shape the direction of the HIMSR and inform ongoing assay development and validation processes? Would you like to include HIMSR services in your next grant application? If so, please contact Kimberly.Jordan@ucdenver.edu

HI3 Translational Research Networking and Preclinical Models (TRNPM)

To provide a nexus for multiple aspects of translational immunology research

- The HI3 campus-wide member meeting on June 28 was focused on humanized mouse models available through the TRNPM. If you missed the meeting, the slide deck can be accessed on the HI3 website under the 'Status Reports' tab.
- Check out the [TRNPM website](#) to meet the team and learn more about the mission, services, rates and fee structure, iLab and request forms.
- Would you like to learn more about humanized mouse models and the associated services offered through the TRNPM? If so, please contact Julie.Lang@ucdenver.edu or Roberta.Pelanda@ucdenver.edu

HI3 GMP Immunotherapeutic Support

Facilitate the production of clinical grade biological reagents and cell-based immunotherapeutic products

- The HI3 has provided \$250,000 to Drs. Enkhee Purev and Craig Jordan to facilitate CAR-T cell process development on the AMC in a collaboration between Clinimmune and the Gates Center

Facilitate the use of campus CLIA labs for monitoring patient responses and clinical decision-making

- Exsera BioLabs - complement and autoimmune diagnostics
- Colorado Molecular Correlates Laboratory (CMOCO) – anatomic pathology
- Clinimmune – flow cytometry, cell sorting, histocompatibility

HI3 Training Program

Develop and establish training programs across the training continuum at the pre-doctoral, post-doctoral, and junior faculty level

- Coming in 2018! The **open invitation** to join a subcommittee to shape the direction of the Training program is still extended – please email Aimee.Bernard@ucdenver.edu if interested

HI3 Clinical Research Program

Provide expertise and coordination with established campus clinical research services to HI3 research teams to effectively operationalize clinical research

- The direction of this HI3 endeavor may be shifting toward the development of an HI3 Clinical Immunology Core that would provide access to clinical data and biospecimens from subjects with autoimmune and related diseases, high-risk and healthy controls. Please attend the HI3 campus-wide meeting on September 28 3:00-4:00pm in Hensel Phelps West to learn more.

UPCOMING MEETINGS and ACTION ITEMS

- **Mark your calendar** for the **HI3 campus-wide Members Meeting** scheduled for **Thursday, September 28** from **3:00-4:00pm** in **Hensel Phelps West**. The September meeting will include a brief overview of the activities and progress of the HI3 to date and focus on the potential development of an HI3 Clinical Immunology Core.
- [SUPPORT buttons](#) on the HI3 website!
 - The [SUPPORT button](#) will allow anyone that visits the HI3 website to support the initiative.
 - Please go to the [HI3 website](#) to check out (and share) the [SUPPORT button](#) with friends, family, neighbors, grateful patients or anyone interested in supporting our mission!