

## BISC/ImmPort Data Release 13 studies

March 2015

**Study Program:** Vaccination and Infection: indicators of immunological health and responsiveness

**Title:** Monozygotic and Dizygotic Twin Pair T-cell Responses to Influenza Vaccination 2009

**Accession:** SDY514

**Subjects:** 78

**Study PI, contact:** Mark M. Davis, Stanford University School of Medicine, Stanford, CA

**Study Description:** Evaluate the variation in immune response between individuals and assess whether it changes as a function of age and similarity in genetic and environmental background (by comparing differences between monozygotic and dizygotic twin pairs of different ages).

**Publication:** Variation in the human immune system is largely driven by non-heritable influences. *Cell* 2015 Jan 15;160(1-2):37-47. doi: 10.1016/j.cell.2014.12.020.. [[PubMed](#)]

### Assays in ImmPort:

Assay Type	Number of Exp. Samples
Hemagglutination Inhibition	150
Flow Cytometry	511
Phospho flow	480
Luminex xMAP	613

### Clinical Assessments in ImmPort:

Notes: New study

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**Study Program:** Vaccination and Infection: indicators of immunological health and responsiveness

**Title:** Monozygotic and Dizygotic Twin Pair T-cell Responses to Influenza Vaccination 2010

**Accession:** SDY515

**Subjects:** 84

**Study PI, contact:** Mark M. Davis, Stanford University School of Medicine, Stanford, CA

**Study Description:** Evaluate the variation in immune response between individuals and assess whether it changes as a function of age and similarity in genetic and environmental background (by comparing differences between monozygotic and dizygotic twin pairs of different ages).

**Publication:** Variation in the human immune system is largely driven by non-heritable influences. *Cell* 2015 Jan 15;160(1-2):37-47. doi: 10.1016/j.cell.2014.12.020.. [[PubMed](#)]

### Assays in ImmPort:

Assay Type	Number of Exp. Samples
Hemagglutination Inhibition	156
CyTOF	88
Phospho flow	400
Luminex xMAP	523

### Clinical Assessments in ImmPort:

Notes: New study

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**Study Program:** Vaccination and Infection: indicators of immunological health and responsiveness

**Title:** Monozygotic and Dizygotic Twin Pair T-cell Responses to Influenza Vaccination 2011

**Accession:** SDY519

**Subjects:** 63

**Study PI, contact:** Mark M. Davis, Stanford University School of Medicine, Stanford, CA

**Study Description:** Evaluate the variation in immune response between individuals and assess whether it changes as a function of age and similarity in genetic and environmental background (by comparing differences between monozygotic and dizygotic twin pairs of different ages).

**Publication:** Variation in the human immune system is largely driven by non-heritable influences. *Cell* 2015 Jan 15;160(1-2):37-47. doi: 10.1016/j.cell.2014.12.020.. [[PubMed](#)]

**Assays in ImmPort:**

Assay Type	Number of Exp. Samples
Hemagglutination Inhibition	118
CytoTOF	127
Phospho flow	432
Luminex xMAP	396

**Clinical Assessments in ImmPort:**

Notes: New study

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