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"ORCID": "0000-0003-3867-2251",

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},

{

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"ORCID": "0000-0001-9276-0688",

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"email": "bjma@uky.edu"

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<ORCID>0000-0003-3867-2251</ORCID>

<email>bjoern.bauer@ukuy.edu</email>

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<ORCID>0000-0003-3867-2251</ORCID>

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<ORCID>0000-0003-3867-2251</ORCID>

<email>bjoern.bauer@uky.edu</email>

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<ORCID>0000-0003-3867-2251</ORCID>

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<ORCID>0000-0003-3867-2251</ORCID>

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<Name>Clinical pilot study with FDA approved LOX/COX inhibitors</Name>

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<Name>Anika Hartz</Name>

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<Name>Inflammation</Name>

<Workers>

<Name>Anika Hartz</Name>

<ORCID>0000-0001-9276-0688</ORCID>

<email>anika.hartz@uky.edu</email>

</Workers>

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</Studies>

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<Name>Clinical Pilot Study</Name>

<Workers>

<Name>Anika Hartz</Name>

<ORCID>0000-0001-9276-0688</ORCID>

<email>anika.hartz@uky.edu</email>

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<Studies>

<Name>Epilepsy Patients</Name>

<Workers>

<Name>Anika Hartz</Name>

<ORCID>0000-0001-9276-0688</ORCID>

<email>anika.hartz@uky.edu</email>

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<Workers>

<Name>Anika Hartz</Name>

<ORCID>0000-0001-9276-0688</ORCID>

<email>anika.hartz@uky.edu</email>

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<Target>Seizure count and severity</Target>

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<Name>Plasma Drug Levels</Name>

<Workers>

<Name>Anika Hartz</Name>

<ORCID>0000-0001-9276-0688</ORCID>

<email>anika.hartz@uky.edu</email>

</Workers>

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<Name>Plasma Biomarker Levels</Name>

<Workers>

<Name>Anika Hartz</Name>

<ORCID>0000-0001-9276-0688</ORCID>

<email>anika.hartz@uky.edu</email>

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<Type>ELISA</Type>

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YAML Format

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Metadata:

Data Citation:

Title: TEAMS Grant

doi: pending

Principal Investigator:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

- Name: Chang-Guo Zhan

ORCID: ''

email: ''

Depositor:

- Name: Bryan Maloney

email: bjma@uky.edu

Date of Deposit: pending

Institution: University of Kentucky

Keywords: Epilepsy drug discovery anti-inflammatory

Abstract: pending

Funding Agency: UK

Grant Number: x

Publications:

- Authors: ''

Year: ''

Journal: ''

Title: ''

Projects:

- Name: Novel mPGES Inhibitors

Workers:

- Name: Chang-Guo Zhan

ORCID: ''

email: ''

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Aims:

- Name: Design, synthesis, & in vitro activity

Workers:

- Name: Chang-Guo Zhan

ORCID: ''

email: ''

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Studies:

- Name: Design/Synthesis

Workers:

- Name: Chang-Guo Zhan

ORCID: ''

email: ''

Design: ''

DesignType: ''

Organisms:

- Genus species: ''

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: ''

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Foci:

- Name: Lapitinib Template

Workers:

- Name: Chang-Guo Zhan

ORCID: ''

email: ''

Assays:

- Name: Compound Synthesis

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ''

Substrate: ''

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

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- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: BAR002 Template

Workers:

- Name: Chang-Guo Zhan

ORCID: ''

email: ''

Assays:

- Name: ''

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ''

Substrate: ''

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

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file name: ''

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file date: ''

file size: ''

recommended software: ''

- Name: In vitro activity

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Design: ''

DesignType: ''

Organisms:

- Genus species: ''

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: ''

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Foci:

- Name: Lapinitib Template

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Uncharacterized assays

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ''

Substrate: Cell cultures

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

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file size: ''

recommended software: ''

- Name: BAR002 Template

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Uncharacterized assays

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ''

Substrate: Cell Cultures

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

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Model: ''

Settings: ''

Kit/Reagents:

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Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Evaluation of mPGES inhibitors

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Studies:

- Name: PK Assessment

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Design: Randomized controlled

DesignType: ''

Organisms:

- Genus species: Rattus norvegicus

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: Acute SE, Acute SE + Drug

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

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Settings: ''

Foci:

- Name: Blood detection

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@ukuy.edu

Assays:

- Name: GC?

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ''

Substrate: Plasma?

Target: Drug

Outcome Measure: Drug levels?

Date:

- Start: ''

End: ''

Equipment:

- Type: GC?

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

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data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Brain Detection

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoen.bauer@uky.edu

Assays:

- Name: GC?

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: GC?

Substrate: Brain

Target: Drug

Outcome Measure: Drug level?

Date:

- Start: ''

End: ''

Equipment:

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data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Potency of mPGES-1 inhibitor

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Design: Randomized controlled

DesignType: ''

Organisms:

- Genus species: Rattus norvegicus

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: SE, SE + Drug

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Foci:

- Name: Acute SE Rat

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Rat Piezo

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Piezo

Substrate: Whole Rat

Target: Seizure Frequency

Outcome Measure: Count of Siezures

Date:

- Start: ''

End: ''

Equipment:

- Type: Piezo

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

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file date: ''

file size: ''

recommended software: ''

- Name: Rat Video

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Videography

Substrate: Whole Rat

Target: Seizure Frequency

Outcome Measure: Count of Siezures

Date:

- Start: ''

End: ''

Equipment:

- Type: Piezo

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

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recommended software: ''

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: ''

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

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Kit/Reagents:

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recommended software: ''

- Name: PGE2 ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: PGE2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

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recommended software: ''

- Name: PGE2 ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Brain

Target: PGE2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

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Settings: ''

Kit/Reagents:

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recommended software: ''

- Name: Preclinical Testing of mPEG-1 Inhibitors

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Aims:

- Name: In vivo effects of mPGES-1 inhibitors on BBB

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Studies:

- Name: Acute SE Rat

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Design: ''

DesignType: ''

Organisms:

- Genus species: Rattus norvegicus

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: ''

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

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Foci:

- Name: Inflammation

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Plasma

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

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recommended software: ''

- Name: PGE2 ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: PGE2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

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- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

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recommended software: ''

- Name: Brain Capillary Leakage

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Leakage Assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Capillary Leakage Assay

Substrate: Brain capillaries

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

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Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Drug Level

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Plasma GC

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: GC

Substrate: Plasma

Target: Drug

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Brain GC

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: GC

Substrate: Brain

Target: Drug

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: BBB Biomarkers

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Brain capillaries

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: S100B ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: S100B

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp Actity Assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Activity Assay

Substrate: Capillaries

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: P-gp

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp1 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp1

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp2 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp4 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp4

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: BCRP WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: BCRP

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Therapeutic benefits of mPGES-1 inhibitors

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Studies:

- Name: Chronic SE Rats

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Design: ''

DesignType: ''

Organisms:

- Genus species: Rattus Norvegicus

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: ''

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Foci:

- Name: Siezure Effects

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Piezo Seizure Assessment

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Piezo

Substrate: Whole animal

Target: Siezure Counts

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Video Assessment

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Videography

Substrate: Whole Animal

Target: Siezure counts and severity

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: EEG

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: EEG

Substrate: Brain

Target: Seizure count and severity

Outcome Measure: EEG Traces

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Capillary Leakage

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Capillary Leakage

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Capillary leakage

Substrate: Brain capillaries

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Drug Level

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Plasma Assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: GC

Substrate: Plasma

Target: Drug

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Brain Level

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: GC

Substrate: Brain

Target: Drug

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Inflammation

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Plasma

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: PGE2 ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: PGE2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: BBB Biomarkers

Workers:

- Name: Bjoern Bauer

ORCID: 0000-0003-3867-2251

email: bjoern.bauer@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Brain capillaries

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: S100B ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: S100B

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp Actity Assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Activity Assay

Substrate: Capillaries

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: P-gp

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp1 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp1

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp2 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp4 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp4

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: BCRP WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: BCRP

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Clinical pilot study with FDA approved LOX/COX inhibitors

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Aims:

- Name: Effects of mPGES-1 inhibitors in human brain capillaries

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Studies:

- Name: Human brain capillaries and plasma

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Design: ''

DesignType: ''

Organisms:

- Genus species: Homo sapiens

Line/Strain: ''

Age/Passage: ''

Treatments/Groups: ''

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Foci:

- Name: Capillary leakage

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Leakage assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Leakage assay

Substrate: Brain capillaries

Target: ''

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Brain capillaries

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: P-gp

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp activity assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ''

Substrate: Brain capillaries

Target: P-gp activity

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: TJ Proteins

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Brain capillaries

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp1 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (Automated)

Substrate: Brain capillaries

Target: Mrp1

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp2 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Mrp4 WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: Mrp4

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: P-gp WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: P-gp

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: BCRP WES

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Western (automated)

Substrate: Brain capillaries

Target: BCRP

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Inflammation

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Plasma

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: PGE2 ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: PGE2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Clinical Pilot Study

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Studies:

- Name: Epilepsy Patients

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Design: Randomized controlled

DesignType: ''

Organisms:

- Genus species: Homo sapiens

Line/Strain: Epilepsy patients

Age/Passage: ''

Treatments/Groups: ''

Start Date: ''

End Date: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Foci:

- Name: Seizure Burden

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Engel Classification

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Engel Classification

Substrate: Patient

Target: Seizure count and severity

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Plasma Drug Levels

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Plasma Drug Level Assay

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: GC

Substrate: Plasma

Target: Drug

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: Plasma Biomarker Levels

Workers:

- Name: Anika Hartz

ORCID: 0000-0001-9276-0688

email: anika.hartz@uky.edu

Assays:

- Name: Bradford

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: Bradford

Substrate: Plasma

Target: Protein

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: S100B ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: S100B

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''

- Name: PGE2 ELISA

Assayists:

- Name: ''

ORCID: ''

email: ''

Type: ELISA

Substrate: Plasma

Target: PGE2

Outcome Measure: ''

Date:

- Start: ''

End: ''

Equipment:

- Type: ''

Make: ''

Model: ''

Settings: ''

Kit/Reagents:

- Type: ''

Make: ''

'Catalogue #': ''

Parameters:

- Material: ''

Condition: ''

Data:

- data type: ''

data source: ''

file name: ''

file type: ''

file date: ''

file size: ''

recommended software: ''