

SCH 351125: the effects of SCH 351125 on psoriatic plaque immuno-histochemistry, and chemokine expression in patients with moderate to severe psoriasis

Submission date 08/02/2007	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 08/02/2007	Overall study status Completed	☐ Protocol
Last Edited 26/03/2021	Condition category Skin and Connective Tissue Diseases	☐ Statistical analysis plan
		☒ Results
		☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
P03657

Study information

Scientific Title

SCH 351125: the effects of SCH 351125 on psoriatic plaque immuno-histochemistry, and chemokine expression in patients with moderate to severe psoriasis

Study objectives

Several reports have indicated that the chemokine receptor CCR5 and its ligands, especially CCL5 (formerly known as RANTES), may play a role in the pathogenesis of psoriasis. CCR5 targeted treatment could therefore be a therapeutic option for psoriasis patients.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Approval received from the local ethics board (Medical Ethics Committee AMC) on the 31st March 2004 (ref: 04/44).

Primary study design

Interventional

Study design

Randomised, placebo-controlled, parallel group, double blinded multicentre trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Psoriasis

Interventions

Subjects with moderate/severe chronic plaque psoriasis were enrolled in a randomised double-blind, placebo-controlled, parallel-group study exposed to either SCH 351125 50 mg twice daily (BID) or matched placebo, in a 2:1 ratio, for 28 days.

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

SCH 351125

Primary outcome(s)

1. To determine the effects of SCH 351125, a CCR5 receptor antagonist, on psoriatic plaque cellularity
2. To determine safety and tolerability of SCH 351125 in psoriatic patients

Key secondary outcome(s)

1. Expression of chemokine messenger Ribonucleic Acid (mRNA) within the psoriatic plaque and peripheral blood

2. Peripheral blood chemokines and CCR5 expressing cells
3. Psoriasis Area and Severity Index (PASI) and Physician Global Assessment (PGA)

Completion date

01/12/2004

Eligibility

Key inclusion criteria

1. Patients 18 to 75 years of age, of either sex, and of any race
2. Patients must not be currently receiving treatment and have a diagnosis of moderate to severe psoriasis vulgaris (Psoriasis Area and Severity Index [PASI] more than eight) which must be established and must have been present for at least one year
3. The target lesion selected must be located on the trunk, arms or legs and be at least 10 cm² in size
4. The selected target lesions total numerical ratings for erythema, induration, and scaling must be at least six out of the possible nine using the following definitions for each sign: zero = none, one = mild, two = moderate, three = severe. The severity score for scaling must be at least two
5. Subjects clinical laboratory tests (Complete Blood Count [CBC], blood chemistries, and urinalysis) must be within normal limits or clinically acceptable to the investigator/sponsor
6. Subjects must be free of any clinically significant disease (other than psoriasis) that would interfere with the study evaluations and/or study safety
7. Subjects must be willing to give written informed consent and able to adhere to dose and visit schedules
8. Females must not be breastfeeding, and either be of non-childbearing potential (i.e., sterilised via hysterectomy or bilateral tubal ligation or at least one year postmenopausal) or if of child bearing potential, must be practicing effective contraceptive methods from at least two weeks prior to day one and until 30 days following cessation of dosing
9. Female subjects of childbearing potential must have a negative serum pregnancy test (beta-human Chorionic Gonadotropin [hCG]) at screening

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

Not Specified

Total final enrolment

32

Key exclusion criteria

1. Female subjects who are pregnant, intend to become pregnant, or are nursing
2. Subjects who have taken methotrexate, cyclosporin or systemic retinoids within six weeks of treatment or topical anti-psoriasis therapy within two weeks of treatment. All other prescription medication must be discontinued for at least 28 days prior to treatment. No other drugs (except acetaminophen), including vitamins, herbal supplements, homeopathic or over the counter medications are allowed with 14 days of treatment administration
3. Excluded treatments during the study. Subjects who must take any drug during the study period
4. Subjects with any pre-existing cardiovascular disease
5. Individuals who have received any vaccinations within 30 days prior to screening or a scheduled to receive a vaccination during the study
6. Subjects who are positive for hepatitis B surface antigen, hepatitis C antibodies or for Human Immunodeficiency Virus (HIV) antibodies
7. Subjects who are in a situation or have any condition that, in the opinion of the investigator, may interfere with optimal participation in the study
8. Subjects who have used any investigational drugs within 28 days of screening
9. Subjects who are not willing to follow the study restrictions or procedures
10. Individuals with any clinically significant history of food or drug allergy or allergy to any component of SCH 351125
11. Subjects who are participating in any other clinical study
12. Subjects who are part of the staff personnel directly involved with this study
13. Subjects who are a family member of the investigational study staff

Date of first enrolment

01/04/2004

Date of final enrolment

01/12/2004

Locations

Countries of recruitment

Netherlands

Study participating centre

Academic Medical Centre

Amsterdam

Netherlands

1105 AZ

Sponsor information

Organisation

Schering-Plough B.V. (The Netherlands)

ROR

Funder(s)

Funder type

Industry

Funder Name

Schering-Plough

Alternative Name(s)

Funding Body Type

Private sector organisation

Funding Body Subtype

For-profit companies (industry)

Location

United States of America

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article		01/09/2007	26/03/2021	Yes	No