From: Herman, Gary Alan [/O=MERCK/OU=NORTHAMERICA/CN=RECIPIENTS/CN=HERMANGA]

Sent: 1/3/2003 3:44:30 PM

To: DP-IV PDT TO [dpivedtt@NorthAmerica.msx.merck.com]

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Subject: DRAFT Preliminary Interim Analysis Memo/ RMC Background Slides- L-224715

Attachments: RMC_DRAFT_Background_L-224715_Herman.ppt; L-224715 _ Protocol 005_DRAFT Interim Analysis Memo.doc

Hi,

Attached is the DRAFT preliminary interim analysis memo (provided to Peter Kim today) summarizing the results of the Phase IB study in type 2 diabetics. Also attached are DRAFT background slides (sent to RMC today) for next week's RMC presentation.

Gary

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RMC_DRAFT_B... L-224715 _ Protocol 005_DR...



L-000224715 DP-IV Inhibitor Update on Phase I Data

RMC Jan 8, 2003



Key points

- a L-224715 generally safe & well tolerated
 - , no clear dose limiting toxicity identified
- a L-224715 lowers post-OGTT glucose in type 2 diabetics
 - , greater reduction of glucose-AUC observed at higher of 2 doses tested
 - * optimal effect may require maximal DP-IV inhibition
 - , BID regimens may be required to maintain high DP-IV inhibition and optimize chances for best efficacy
 - , milder diabetics appear to respond better



Decisions Requested

- a Support for "Go" decision to phase II
- a Support for team recommendation to proceed to expanded Phase II program
 - , Define dose range
 - , Assess QD vs. BID efficacy
 - , Determine responder population



L-224715 generally well tolerated

Exposure: single and multiple dose in healthy volunteers, single dose in obese male, in females, and in healthy elderly, single doses in patients with type 2 diabetes (134 volunteers, 53 patients with type 2 diabetes)

- a No dose limiting tolerability issues identified
 - , No trends for significant changes in lab, ECG or vital signs parameters



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