



SIRONA BIOCHEM SIGNS BINDING PRELIMINARY AGREEMENT TO ACQUIRE TFCHEM

VANCOUVER, CANADA and ROUEN, FRANCE – August 25, 2010 – Sirona Biochem Corp. (TSX-V: SBM), a biotechnology company specializing in carbohydrate-based molecules, including therapeutics for diabetes and obesity, announced today it has signed a preliminary binding agreement to acquire 100% of the shares of TFChem S.A.S., a privately held France-based drug discovery company specializing in the synthesis and stabilization of carbohydrate-based molecules. Upon completion of the acquisition, TFChem will operate as a wholly-owned subsidiary of Sirona Biochem Corp.

Under the agreement, Sirona Biochem will purchase from TFChem's shareholders all of TFChem's issued shares for approximately 13,000,000 common shares in the capital of Sirona at a deemed price of CDN\$0.10 per share, plus €500,000, or approximately CDN\$665,716, in cash for a total purchase price of €1,500,000 or approximately CDN\$1,997,150. The Sirona common shares will be issued as at the closing date and will be escrowed and released over a period of six years with immediate release of 10% of the shares on the closing date and the remaining 90% released over six years in 7.5% increments every six months.

Sirona Biochem's acquisition of TFChem is subject to a number of conditions, including, among others, TSX Venture Exchange acceptance, the execution of definitive documents, the cancellation of all of the common shares of Sirona Biochem issuable to TFChem under the research and license agreement dated September 26, 2008 between Sirona Biochem and TFChem and Sirona Biochem shareholder approval of the potential change of control of Sirona Biochem that may result from Dr. Geraldine Deliencourt-Godefroy's acquisition of approximately 20% of the issued and outstanding shares of Sirona Biochem upon completion of the transaction. Dr. Geraldine Deliencourt-Godefroy will join Sirona's board of directors and assume the role of Chief Scientific Officer of the combined entities.

In addition, Sirona Biochem intends to undertake a non-brokered private placement of up to 10,000,000 units at a price of CDN\$0.10 per unit, for total gross proceeds of up to CDN\$1,000,000. Each unit will consist of one (1) common share and one (1) share purchase warrant. Each warrant will entitle the holder to purchase one additional common share for a two year term at CDN\$0.20 per share. The private placement proceeds will be used to complete Sirona Biochem's due diligence on TFChem, prepare the definitive documents for the acquisition and for general working capital purposes.

About TFChem

TFChem is a drug-discovery company which uses the fluorine atom properties to develop new glycomimetic compounds. Based in Rouen, France, TFChem aims at becoming a major developer of carbohydrate-based drugs. For more information visit www.tfchemistry.com.

On behalf of the Board of Directors

Sirona Biochem Corp.

“Mark Senner”

Mark Senner, President

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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