

FOR IMMEDIATE RELEASE ON SEPTEMBER 19, 2023

FLAMMA once again expands its Continuous Flow capabilities in Italy

Chignolo D'Isola, Bergamo, Italy – September 19, 2023 – The **Flamma Group** (“Flamma”), a global, fully integrated company producing and commercializing small molecule Active Pharmaceutical Ingredients (APIs) for the life science industry as well as a preeminent Contract Development and Manufacturing Organization (CDMO) of New Chemical Entities (NCEs) and late stage intermediates for the Innovator Companies, announced the another addition to its Continuous Flow capabilities with the addition of a Corning G4 Microreactor.

The installation of a Corning G4 Microreactor will bring significant advantages for flow production including improved selectivity and safety allowing production using a reduced footprint.



“This new technology will provide the ability to work at higher pressures more easily than utilizing a batch process. We will also look to take advantage of more green processes that include recycling,” said Massimo Verzini, Flamma’s Head of Global R&D.

“Safety of operations is always a priority for Flamma. The addition of Continuous Flow Technology enables us to safely manage energetic reactions while maintaining tight control of product quality as well as process yield.”

In July 2023, Flamma released news regarding the impending installation of a new suite of equipment from MicroInnova, a leader in modular Continuous Flow systems. The addition of the Corning G4 micro-reactor along with the MicroInnova system will provide a flow plant that can achieve conditions to 16 bar, up to 145°C, up to 30 L/hour and a 50 MT/year (depending on the process). Installation is underway with qualification batches set for February 2024.

We anticipate that customers will embrace this new technology and Flamma’s team will provide quotations that consider this as an option when looking over customer RFPs.



For further information, please visit the Flamma website at <http://www.flammagroup.com>.

Contact Flamma

Kenneth Drew, Ph.D., VP Flamma USA

1-617-515-0975

ken.drew@flammagroup.com

About Flamma:

FLAMMA is a family owned & run, fully integrated CMO based in Bergamo (near Milan in Northern Italy) established in 1950.

FLAMMA is a company specialized in the cGMP manufacture of APIs, NCEs, RSMs, and advanced intermediates for the pharmaceutical industry. Flamma has particular expertise in high value chiral materials specifically amino acid related materials. Flamma also manufactures specialty compounds and advanced intermediates for the nutraceutical and cosmetic industries and has several generic products.

FLAMMA has five manufacturing facilities- Italy (3), China, and the USA. The cGMP Italian locations (Chignolo, Isso and recently acquired Bulciago) are regularly inspected by the FDA and AIFA. Flamma Honkai, located in Dalian, China, is a cGMP manufacturing facility that has been inspected by Chinese National Medical Products Administration (NMPA) formally known as the Chinese FDA. Flamma provides security when working in China with our 100% owned, self-managed facilities that deliver results without worry. Flamma reliably supplies materials directly to customers and/or delivers materials to its cGMP facilities in Italy in order to deliver the customer's compound on-time and with the desired specifications. Flamma offers cost-effective services to customers looking for a trusted partner within China.

Flamma USA is located outside Philadelphia provides Flamma with the ability to service customers looking to keep materials in the USA for pre-clinical/early stage clinical development including HPAPIs.

Being a fully integrated company allows Flamma to move customer compounds quickly along their journey by taking into consideration all aspects necessary for the success of customer's projects.

Flamma can be of assistance for early stage pre-clinical development of small molecules as well as for large-scale commercial manufacturing. With a total reactor capacity of 1,100 m³ and over 800 employees, see why Flamma should be your next contract manufacturer.

FLAMMA - THE THINKING CDMO™.



For more information, please visit www.flammagroup.com

<https://www.flammagroup.com/>

<https://www.linkedin.com/company/flamma-spa/>

<https://twitter.com/flammagroup>

<https://www.facebook.com/TheFlammaGroup/>