

## **TDF-001: Development and Production of Lyophilized Radiopharmaceutical cold kits of $^{177}\text{Lu}$ -labeled Octreotate**

**Principal Investigator:** Dr. Samina Roohi , (PIEAS) in collaboration of PINSTECH

**“PINTHERA: Lyophilized DOATATATE cold kit for labelling with Lu-177 to treat Neuroendocrine Tumours in Pakistan”** A lyophilized cold, Trade Mark *PINTHERA*, will be used for the targeted therapy of Neuroendocrine Tumors.

A project was planned to establish an in-house R& D and production facility DOTATATE kit. For this purpose, a Project e ntitled “Development and Production of lyophilized cold kit of DOTATATE for the Diagnosis and Therapy of Cancer Pa tients in Pakistan” was submitted to Technology Development Fund (TDF) scheme of HEC, Pakistan in 2017. HECTDF approved this project on 31<sup>st</sup> August 2018.

DOTATATE kit has been developed and optimized with quite promising conditions to make the kit biologically stable, nontoxic and a pyrogenic that could be label with Lu-177 at mild temperature before administration to patients. The next stage is to commercialize the product in the Market and trademark of the product as *PINTHERA* has already granted by Intellectual Property Organization (IPO), Pakistan.

There are about 37 cancer hospitals in Pakistan including 18 Pakistan atomic energy commission (PAEC) cancer hospitals which will be facilitated with newly developed radiopharmaceuticals for diagnosis and targeted therapy. The Indigenous production can reduce the cost per patient and will contribute towards saving more lives.





Government of Pakistan  
Intellectual Property Organisation  
Trade Marks Registry

153063



No: TM/Order/158999

Dated: - September 11, 2020

M/s. DR.SAMINA ROOHI  
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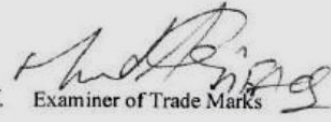
PINTHERA

Subject: Advertisement of Application No.553582 in Class 5 for Registration of Trade Mark Under Section 28(1) of the Trade Marks Ordinance 2001.

Sir,

With reference to your application numbered as above, I am directed to say that your trademark has been accepted and will be advertised in the Trade Marks Journal for inviting opposition(s), if no opposition is filed then your application will be considered for registration.

TM-16 dated:25-08-2020 has been allowed.

For.   
Examiner of Trade Marks



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