

## Origins of DNDi

#### 1999

- First meeting to describe the lack of R&D for neglected diseases
- MSF commits the Nobel Peace Prize money to the DND Working Group
- JAMA article: 'Access to essential drugs in poor countries A Lost Battle?'

#### July 2003

- Creation of DNDi
- Founding partners:
  - Institut Pasteur, France
  - Indian Council of Medical Research, India
  - Kenya Medical Research Institute, Kenya
  - Médecins Sans Frontières
  - Ministry of Health, Malaysia
  - Oswaldo Cruz Foundation/Fiocruz, Brazil
  - WHO –TDR (Special Programme for Research and Training in Tropical Diseases) as a permanent observer









### Responding to the Needs of Neglected Patients









DNDi's PRIORITY:
Neglected
Patients







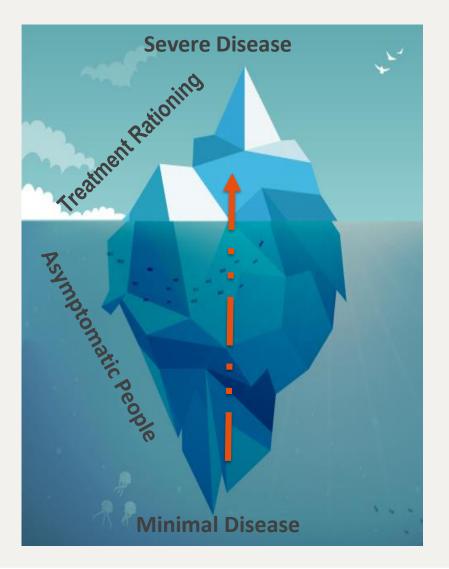




...from Bench to Bedside



### DNDi-HCV strategic objectives:



- Develop new, affordable, pangenotypic TT for HCV
- Simplify HCV test & treat strategies and develop innovative models of care to support scale up
- Improve access (IP, regulatory, pricing, etc.) and affordability of HCV TT in countries

## DNDi Hepatitis C Strategy: 3 pillars

Accelerate R&D Accelerating the development of promising drug candidates with Pharma companies Governments

**2**Catalyse
ACCESS

Supporting affordable access to all DAAs



#### with



Pharma companies



Civil Society organisations



Governments

Simplify
TREATMENT
STRATEGIES

Working with health providers to scale – up treatment



#### with



Primary healthcare doctors



Non Governmental Organizations

### Ravidasvir: Towards a pan-genotypic treatment

- DNDi's pipeline analysis identified ravidasvir (RDV), an NS5A inhibitor drug candidate with pan-genotypic potential
- DNDi obtains licence to RDV from Presidio (US): development, manufacture and distribution in LATAM, SEA and Africa
- DNDi is developing RDV with Pharco (Egypt): Pharco is also producer of generic SOF (no patent in Egypt)
- DNDi partnership in Malaysia: with Pharco and Pharmaniaga (Malaysia): manufacture and supply of RDV and supply of SOF
- New DNDi collaboration with InSud Pharma, Laboratorio Elea (Argentina) and Pharco: Register, manufacture, distribute RDV + SOF in Argentina + LATAM



#### Develop new, affordable, pan-genotypic TT for HCV

Research Article
Viral Hepatitis



JOURNAL OF HEPATOLOGY

## Effectiveness of ravidasvir plus sofosbuvir in interferon-naïve and treated patients with chronic hepatitis C genotype-4

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# Develop new, affordable, pan-genotypic TT for HCV Ravidasvir License Territory



# Develop new, affordable, pan-genotypic TT for HCV Study design in Malaysia & Thailand



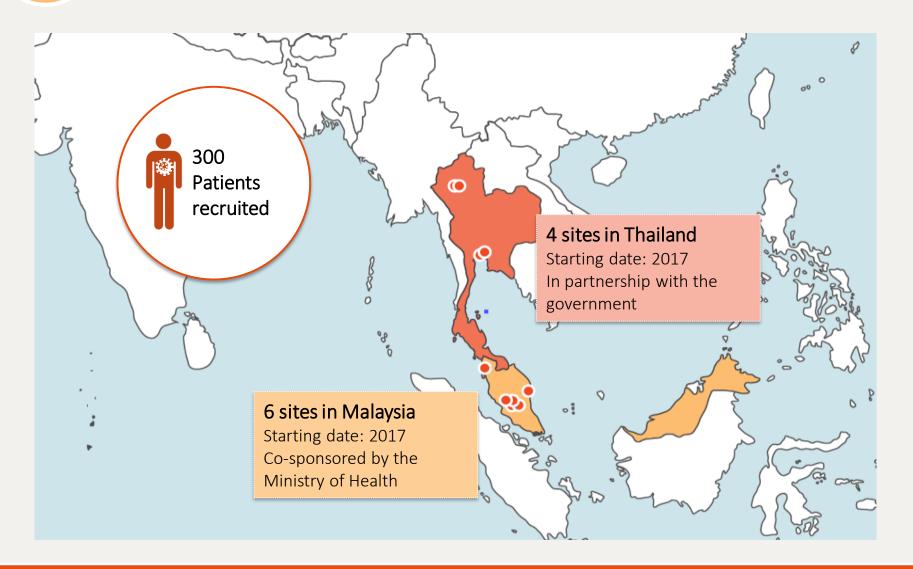
#### Sofosbuvir Plus Ravidasvir for the Treatment of HCV Chronic Infection

ClinicalTrials.gov Identifier: NCT02961426

Open Label Phase II/III, Multicenter, Trial to Assess the Efficacy, Safety, Tolerance, and Pharmacokinetics of Sofosbuvir Plus Ravidasvir in HCV (+/- HIV) Chronically Infected Adults With no or Compensated Cirrhosis in Thailand and Malaysia



# 2017: Starting clinical trial of Ravidasvir & Sofosbuvir for the treatment of HCV chronic infection in 2 countries



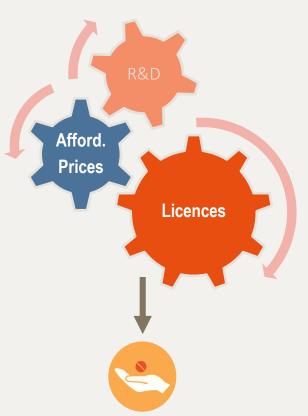
### Accelerating the development of promising drug candidates



- Complete development of ravidasvir for use with sofosbuvir as pan-genotypic treatment for HCV
- Registration of ravidasvir in priority countries willing to adopt a Public Health strategy
- Contribution to develop local and regional strategies to promote a Public Health approach and reduction of Access barriers



### Catalysing affordable access to all DAAs



- Raise political commitment & accountability
- Encourage policy change for the sustainable adoption of test & treat with DAAs
- Promote access to affordable, safe, quality and efficacious DAAs
- Address regulatory and intellectual property barriers for access to HCV diagnostics & medicines

# Partners catalysing affordable access to DAAs RDV as a Public Health Tool









- Political commitment
- Resource mobilization
- Public Health Approach

- National/Regional Priorities
- Public Health imperative
- Sustainable Development Goals

- Define patient needs
- Linkage to care/services
- Community mobilization
- HCV disease advocacy
- HCV treatment literacy

- Policy change
- Simplification Models of Care
- Drug Registration
- Public Health Approach



### Developing innovative models of care to support scale-up



- Efforts to decentralize from central hospitals to the primary healthcare level and to peripheral health Centres
- To develop task-shifting which would reduce reliance on doctors and other highly qualified medical personnel,
- To boost community involvement to support uptake and acceptance



# Simplify HCV test & treat strategies and develop innovative models of care to support scale up

Journal of Hepatology Update: Hepatitis C





#### Simplification of antiviral hepatitis C virus therapy to support expanded access in resource-limited settings

Nathan Ford<sup>1</sup>, Tracy Swan<sup>2</sup>, Peter Beyer<sup>3</sup>, Gottfried Hirnschall<sup>1</sup>, Philippa Easterbrook<sup>1</sup>, Stefan Wiktor<sup>1,\*</sup>

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## Simplified diagnostic monitoring for hepatitis C, in the new era of direct-acting antiviral treatment

Jennifer Cohn<sup>a,b</sup>, Teri Roberts<sup>b</sup>, Valerianna Amorosa<sup>c</sup>, Maud Lemoine<sup>d</sup>, and Andrew Hill<sup>e</sup>

## Expansion of Treatment for Hepatitis C Virus Infection by Task Shifting to Community-Based Nonspecialist Providers:

A Nonrandomized Clinical Trial

Drs Sarah Kattakuzhy, MD,

Division of Clinical Care and Research, Institute of Human Virology, University of Maryland School of Medicine, Room S222, 725 West Lombard Street, Baltimore, MD 21201



## Partners engaged with DNDi to implement the HCV strategy

CSOs, Patient groups and NGOs: MSF\*, South Centre\*, C+, TWN, MTAAG+, MAC, TTAG, Ozone, Ifarma, DPN+, CoNE Manipur, MdM, TreatAsia

**FIND** 

MPP

PAHO Strategic Fund

WHO-PQ & EML

Donors Malaysia\* & Thailand\*

Other MoHs: Argentina Colombia

MoHs:

Regulatory Authorities

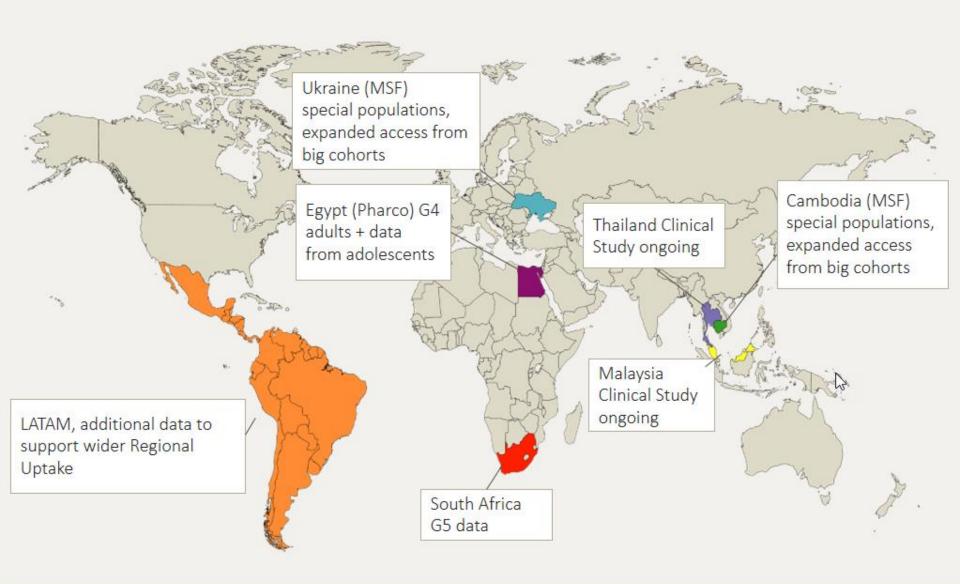
UNASUD & ISAGS

Presidio\*
Regional Generic Malaysia\*
Regional Generic LATAM\*
Generic suppliers SOF/DCV
Pharco\*

Research Partners\*
CRM, PHPT, CRC



### Future developments with Ravidasvir





## THANK YOU

TO ALL OUR
PARTNERS &
DONORS







