

Reflections on the concept of a facilitation framework

EnprEMA annual meeting – 1 & 2 October 2024

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Common goal

Ensuring timely access to new safe and effective treatments in areas of high unmet medical need



Paediatric Drug Development Landscape

- Paediatric drug development primarily occurs in the rare disease space, is highly regulated, and is a global enterprise
- Growing pipelines of innovative products especially with new pharmaceutical legislation proposal (`mode/mechanism of action' developments):
 - How can we **identify and support completion of development** efforts in children for products that address existing **unmet medical needs**?
 - There is a need to foster an innovative R&D environment that allows for the evolution of scientific knowledge and considers changing evidence and unmet needs.
- Regulatory decision making on mandated paediatric developments cannot occur in isolation and requires acknowledgement of broader implications.



Solution?

A framework:

- that facilitates science-focused feasibility discussions
- to ensure mandated R&D efforts
 - target the most appropriate population with unmet needs and
 - generate robust evidence in a timely manner,
- while being mindful of patient resources across different development areas.

Article 95

European network

- The Agency shall develop a European network of patient representatives, academics, medicines developers, investigators and centres with expertise in the performance of studies in the paediatric population.
- 2. The objectives of the European network shall be, inter alia, to discuss priorities in the clinical development of medicines for children, in particular in areas of unmet medical need, to coordinate studies relating to paediatric medicinal products, to build up the necessary scientific and administrative competences at European level, and to avoid unnecessary duplication of studies and testing in the paediatric population.

European Journal of Cancer 177 (2022) 120-142



Can a Multistakeholder Prioritization S Support Regulatory Decision Mak Review of Pediatric Oncology Stra Reflecting on Challenges and Opr this Concept

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Timely and successful drug development for ran consolidated efforts in the spirit of shared respo concept of multistakeholder Strategy Forum inv has been developed. In this study we review the Review

3.5. Strategic recommendations

The high-level strategy for expediting new drug development for paediatric patients with IBD was proposed by meeting participants [Box 2].

Box 2. Next steps

- A dedicated international multi-stakeholder core group should be set up to coordinate actions required to accelerate access to new drugs for children with IBD.
- 2. An international multi-stakeholder working group should further discuss appropriate use of extrapolation from adult data in PIBD in order to improve efficiency and feasibility of timely completion of studies.
- 3. A multi-stakeholder working group should explore how to prioritize different classes of investigational drugs.

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eview

romodomain and extra-terminal inhibitors-A onsensus prioritisation after the Paediatric Strategy orum for medicinal product development of epigenetic odifiers in children-ACCELERATE

ndrew DJ. Pearson^{a,*}, Steven G. DuBois^b, Vickie Buenger^c, lark Kieran^d, Kimberly Stegmaier^b, Pratiti Bandopadhayay^b, elly Bennett^e, Franck Bourdeaut^f, Patrick A. Brown^g, Louis Chesler^h,



Blood 142 (2023) 6247-6249

The 65th ASH Annual Meeting Abstracts

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626.AGGRESSIVE LYMPHOMAS: PROSPECTIVE THERAPEUTIC TRIALS

A Potential Paradigm for the Robust and Systematic Prioritisation of Assets in Academic-Led, Multi-Industry Collaborative Trials in Rare Populations (Glo-BNHL)

Emma Seaford¹, Nicole Scobie², Lia Gore, MD^{3,4}, Sarah Alexander, MD⁵, Auke Beishuizen, MD PhD⁶, Birte Wistinghausen, MD⁷, Veronique Minard-Colin, MD PhD⁸, Catherine M. Bollard, MD⁷, Karin Mellgren⁹, Carl Allen¹⁰, Anne Auperin⁸, Victoria Buenger¹¹, Pamela R. Kearns, PhDFRCPC¹², Anna Lawson, BSc¹², Ellie Williams¹³ Shanna Mavcock, MSc¹², Zahra Ahmed¹², Mahnoor Muzaffar¹², Rhianna Parsons¹², Lucinda Billingham¹², Gladstone Austin Amos Burke, MB, PhD¹⁴

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Journal of Crohn's and Colitis, 2023, 17, 249-258 https://doi.org/10.1093/ecco-jcc/jjac135 Advance access publication 21 September 202 **Original Article**

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Paediatric Inflamn A Multi-Stakehold of Drugs for Child

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9Shaare Zedek Medical Center, the Hebrew University of Jerusalem, Jerusalem, Israel

^hJohnson and Johnson, New Brunswick, Canada tota of Madical Missakialano Ilai of Textus Textus Federale

European Journal of Cancer 146 (2021) 115-124



Role of Regulators

- Regulators have a **defined mandate** (based on regulation(s))
- A life-cycle approach to evidence underpins decisions making
- Acknowledgement that choices* must be made within the drug development ecosystem
- Driver for regulators is to facilitate and support these choices as part of this ecosystem

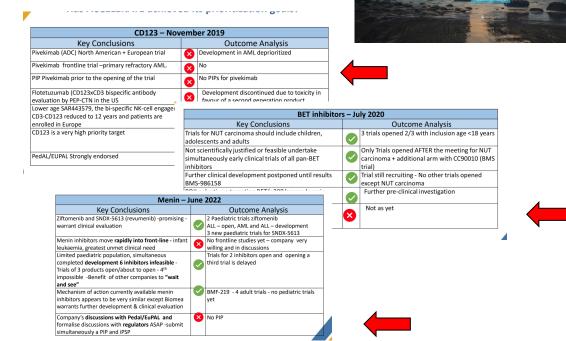


In theory, theory and practice are the same. In practice, they are not.

Regulatory support within the remit of regulation

Suitable **foundation in place** with **regulatory tools and processes** already **able to allow** such exercise to take place – enabling facilitation of scientific discussions, leading to regulatory submissions (as necessary), such that obligations can be fulfilled (or lifted as appropriate)





No implementation into regulatory process

Can we operationalise prioritisation across developers with identified R&D priorities being implemented into regulatory process in a consolidated way?





A framework:

that facilitates science-focused feasibility discussions

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 - generate robust evidence in a timely manner,
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\rightarrow Enabling innovation

Facilitation rather than prioritisation



Key Issues in Developing a Facilitation Framework

- Clarity in definitions and subsequent challenges, including facilitating late vs. early development and unintended consequences (e.g., halo effect impacting adult development).
- Ensuring a **safe space** for discussions.
 - Need for regulatory oversight, including outcome sharing
 - Discussions under confidentiality agreements (CDA) with transparency in terms of Conflict of Interest (CoI)
 - Utilizing existing infrastructure (e.g., academic networks like ITCC).
- Clear scientific focus with pre-agreed scientific questions targeting a population, not a product.
- Connecting outcomes to regulatory processes (PIP/MOD; SA, etc.).
- Academia should appreciate that it is the drug developer's choice to take up any recommendations.



Framework proposal facilitating content discussions between developers and experts in

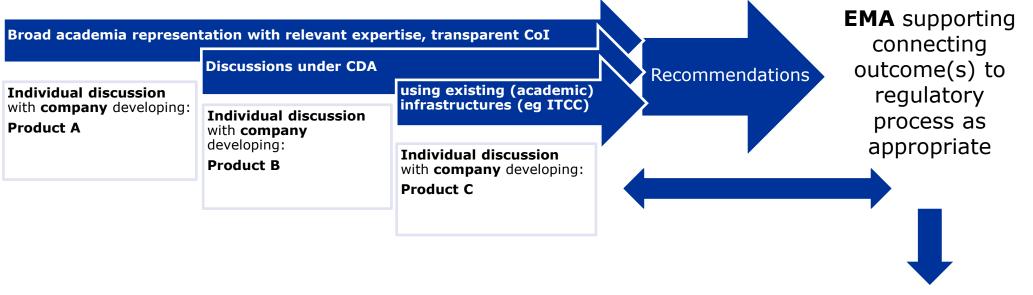
'safe space'

Scientific population based focus

 discussions on pre agreed questions



Framework proposal – supported by regulators – observing meeting



Potential for regulatory implementation

Conclusions

- 'Why' remains key if all stakeholders see their individual benefits - 'how' then follows; particularly in context of the new pharmaceutical legislation proposal
- Challenges and unintended consequences need to be recognized and acted upon
- Needs 'safe space' regulatory initiation and oversight, ensuring clear scientific population focus

- Need to be clear about what defines success
- Is it always needed no.
 - If used, it would need to be iterative process – once framework discussions triggered – need to come back together when new evidence (milestones) come to light
- Expectation management key





Any questions?

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