

**Universidade do Estado do Rio de Janeiro – UERJ**  
**Instituto de Medicina Social**  
**Programa de Pós-graduação em Saúde Coletiva**

<b>DEPARTAMENTO: EPIDEMIOLOGIA</b>		<b>PROFESSOR: GUILHERME LOUREIRO WERNECK</b>	
<b>ANO:</b>	<b>2020</b>	<b>CÓDIGO:</b>	<b>IMS017234 (ME) IMS018288(DO)</b>
<b>SEMESTRE:</b>	<b>2</b>	<b>CARGA HORÁRIA / CRÉDITOS:</b>	<b>30H - 2 CRÉDITOS</b>
<b>INÍCIO (dia/mês):</b>	<b>16/11/2020</b>	<b>DIA DA SEMANA/HORÁRIO</b>	<b>2a feira (15h-17h)</b>
<b>TÉRMINO (dia/mês):</b>	<b>15/03/2021</b>		

**DISCIPLINA**

Tópicos Especiais em Epidemiologia II

Tema: Epidemiologia e controle de doenças tropicais negligenciadas

**EMENTA E PROGRAMA DETALHADOS:**

Apresenta-se e discute-se as bases teóricas e metodológicas para o desenvolvimento de pesquisas que busquem avaliar os diferentes aspectos relacionados à epidemiologia doenças tropicais negligenciadas, incluindo identificação de fatores de risco e avaliação de estratégias de controle

A disciplina aprofunda o conhecimento teórico sobre os seguintes temas de epidemiologia e controle das doenças tropicais negligenciadas no Brasil e no mundo:

Definições e listas das doenças tropicais negligenciadas

Carga de doença e distribuição geográfica,

Ciclos de transmissão,

Parasito-vetor-hospedeiro-reservatório,

Determinantes socioambientais de sua distribuição,

Processo de urbanização,

Fatores de risco,

Princípios teóricos para o controle,

Definição de áreas de risco.

**BIBLIOGRAFIA INDICADA:**

Atividade 1: Apresentação do curso e introdução às doenças tropicais negligenciadas

Atividade 2: Princípios

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Hotez, PJ, Fenwick, A, Savioli, L, and Molyneux, DH. Rescuing the bottom billion through control of neglected tropical diseases. Lancet. 2009; 373: 1570–1575

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#### Atividade 3: Carga de doença

Bhatt, S, Gething, PW, Brady, OJ et al. The global distribution and burden of dengue. *Nature*. 2013; 4496: 504–507

Bhattarai, R, Budke, CM, Carabin, H et al. Estimating the non-monetary burden of neurocysticercosis in Mexico. *PLoS Negl Trop Dis*. 2012; 6: e1521

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#### Atividade 4: Estratégias

Woolhouse ME, Dye C, Etard JF, Smith T, Charlwood JD, Garnett GP, et al. Heterogeneities in the transmission of infectious agents: implications for the design of control programs. *Proc Natl Acad Sci U S A*. 1997;94(1):338-42.

Baker, MC, Mathieu, E, Fleming, FM et al. Mapping, monitoring, and surveillance of neglected tropical diseases: towards a policy framework. *Lancet*. 2010; 375: 231–238

Gyapong, JO, Gyapong, M, Yellu, N et al. Integration of neglected tropical diseases into health care challenges and opportunities. *Lancet*. 2010; 375: 1–6

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#### Atividade 5: Leishmanioses I

Alvar J, Velez ID, Bern C, Herrero M, Desjeux P, Cano J, et al. Leishmaniasis worldwide and global estimates of its incidence. *PLoS One*. 2012; 7(5):e35671.

Alvar J, Yactayo S, Bern C. Leishmaniasis and poverty. *Trends Parasitol*. 2006;22(12):552–7.

Dye C. The logic of visceral leishmaniasis control. *Am J Trop Med Hyg*. 1996; 55(2):125-30.

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Werneck GL. Visceral leishmaniasis in Brazil: rationale and concerns related to reservoir control. *Rev Saude Publica*. 2014; 48(5):851-6.

#### Atividade 6: Leishmanioses II – Vídeo: impacto social das leishmanioses - discussão

#### Atividade 7: Hanseníase

Lockwood DN, Shetty V, Penna GO. Hazards of setting targets to eliminate disease: lessons from the leprosy elimination campaign. *BMJ*.

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#### Atividade 8: Doença de Chagas e Tripanossomiase africana

\*Bello Corassa R, Aceijas C, Alves PAB, Garelick H. Evolution of Chagas' disease in Brazil. Epidemiological perspective and challenges for the future: a critical review. *Perspect Public Health.* 2017 Sep;137(5):289-295.

Dumontel E, Herrera C. Ten years of Chagas disease research: Looking back to achievements, looking ahead to challenges. *PLoS Negl Trop Dis.* 2017 Apr 20;11(4):e0005422.

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#### Atividade 9: Esquistossomose, helmintíases, trematodíases e dracunculíase

Lo NC, Addiss DG, Hotez PJ, King CH, Stothard JR, Evans DS, Colley DG, Lin W, Coulibaly JT, Bustinduy AL, Raso G, Bendavid E, Bogoch II, Fenwick A, Savioli L, Molyneux D, Utzinger J, Andrews JR. A call to strengthen the global strategy against schistosomiasis and soil-transmitted helminthiasis: the time is now. *Lancet Infect Dis.* 2017 Feb;17(2):e64-e69.

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Lightowers, MW. Control of *Taenia solium* taeniasis/cysticercosis: past practices and new possibilities. *Parasitology.* 2013; 140: 1566–1577

#### Atividade 10: Filariose, Oncocercose e Tracoma

Cross, C, Olamiju, F, Richards, F, Bush, S, Hopkins, A, and Haddad, D. From river blindness to neglected tropical diseases—lessons learned in Africa for programme implementation and expansion by the non-governmental partners. *PLoS Negl Trop Dis.* 2015; 9: e0003506

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#### Atividade 11: Micoses, treponematoses, equinococose e raiva

\*Fahal AH. Mycetoma: A global medical and socio-economic dilemma. *PLoS Negl Trop Dis.* 2017 Apr 20;11(4):e0005509.

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#### Atividade 12: Tuberculose e migração

Fortún J, Martín-Dávila P, Navas E, López-Vélez R, Pintado V, Cobo J, González A, Bonilla M, Aneiros V, Gómez-Mampaso E, Moreno S. Changes in the epidemiology of tuberculosis: the influence of international migration flows. *Enferm Infecc Microbiol Clin*. 2011 Nov;29(9):654-9.

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#### Atividade 13: Arboviroses

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Atividade 14: Discussão do relatório G-Finder - G-FINDER, Policy cures research. *Neglected disease research and development: reaching new heights*. 2018.

#### Atividade 15: Panorama geral das doenças emergentes e reemergentes

**TIPO DE AVALIAÇÃO:** Apresentação oral de textos nas sessões da disciplina, elaboração de resenhas de artigos científicos.